

Comment 1 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: donald

Last Name: jepson

Email Address: djepson@senecafoods.com

Affiliation: California Tax Payer and Voter

Subject: Opposition to Cap and Trade Program

Comment:

There is no question that we are having a GLOBAL climate change occur. The causitive agents have been incorrectly identified as Man Made green house gases. From current articles and publications, it appears that only 5.5% of the global green house gases generated are man made. California emits 1.2% of the man made green house gases. The reality is that passing a Cap and Trade program in California will not have any measurable effect on the GLOBAL greenhouse gas emissions. Cap and Trade will basically add costs of operation to businesses in California and restrict industrial growth. This will increase costs of all goods and services that require energy to produce. This is an added burden that Californians can ill afford especially when the unemployment rate is at 12.5%.

The increased cost of Cap and Trade will disrupt the state economy and stop recovery from the current recession. The Cap and Trade plan is being pushed by finanical interests that see a new market place for them to buy and sell commodities. This will generate hugh windfall profits for the commodity traders. There has been inadequate consideration given to the impact this new added cost will have on the economy of the state.

The focus of the CARB and businesses in the state needs to be on making our businesses more efficient and less polluting. Our manufacturing sector is one of the most efficient in the world. It makes more sense to reduce green house gases by producing goods and services in the most efficient facilities here in the USA instead of having them produced in primitive inefficent plants in developing countries. The greenhouse gases are a global phenomenon. We need to focus on reducing man made greenhouse gases in other ways than cap and trade if we want to reduce global green house gas emissions..

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-01 10:18:14

No Duplicates.

Comment 2 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jay

Last Name: Castino

Email Address: jjc@firstrecordcarbon.com

Affiliation:

Subject: Offsets from landfill gas destruction

Comment:

see attached comments in .pdf

Attachment: 'www.arb.ca.gov/lists/capandtrade10/2-frcllcq410_crb_cmmnts-00.pdf'

Original File Name: FRCLLCQ410_CRB_CMMNTS-00.pdf

Date and Time Comment Was Submitted: 2010-11-04 11:23:51

No Duplicates.

Comment 3 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: DAREN

Last Name: ANDERSON

Email Address: da@thenescogroup.com

Affiliation: NESCO

Subject: Renewable Energy Certificates

Comment:

Please clarify that assignment of the emission level that goes with renewable energy credits. The emission level should be that of the underlying electricity generating resource that gave rise to the renewable energy credit. For example if a california utility purchases a renewable energy credit from a biomass project, the emission level that goes with that REC should be the emission level of the biomass project, not the system average.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-04 16:06:57

No Duplicates.

Comment 4 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Adam

Last Name: Haskett

Email Address: madamhas@me.com

Affiliation:

Subject: Thank you

Comment:

To avoid climate catastrophe, greenhouse gas emissions in the U.S. must peak in the coming decade, decline steadily, and reach a level close to zero by mid-century. I support any effort to accomplish this goal, for the health of our planet, ourselves, and generations to come. Let's lead, California.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-06 14:17:17

No Duplicates.

Comment 5 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Steve

Last Name: Peabody

Email Address: fullsolar@gmail.com

Affiliation: Solar Installer

Subject: Cap and Trade

Comment:

I am a solar installer, but I am NOT FOR cap and trade of any kind.
Why?:

1. There is NOT a consensus in the scientific community that global warming is caused by man made carbon.
2. Benefiting the alternative energy industry by penalizing most other businesses is bad policy.
3. Just the government oversight of this policy is a mind boggling cost of tax dollars and human resources.
4. For every green job 'created' how many other jobs will be lost by the extra burden on other businesses?
5. How many business will move out of California due to this policy. It is already one of the least business friendly states in the union.
6. If carbon 'pollution' must be regulated, why not just regulate it? Adding the 'trade' aspect ultimately just means that money will be leaving the business's hands and ending up in government hands. It also means that industries will continue to pollute, just pay for the right to do so. This seems to suggest that the real goal might be just another government income source and / or more government control over the private sector.

I'm just saying . . .

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-07 17:09:21

No Duplicates.

Comment 6 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Edward
Last Name: Mainland
Email Address: emainland@comcast.net
Affiliation: Sierra Club California

Subject: No Clearcutting Our Way Out of Climate Change
Comment:

Don't make clearcutting of forests a part of your climate program. Don't permit clearcutting in the offset regime. This is no way to sequester carbon. Allowing clearcuts as "offsets" will discredit the integrity and credibility of the state's entire climate effort.

DO add stipulations that will ensure against changing natural forests into clearcut plantations.

Right now, CARB's draft cap&trade regulations risk tolerating an obvious scam: Big Polluters like cement plants, electricity generators and oil refineries will simply duck restrictions by buying clearcut offsets. This not only will promote and subsidize the worst kind of forest cutting techniques but also will pose huge questions about CARB's program in respect to additionality, leakage and verifiability.

4) Not all offsets are created equal. This is a novel program and the accounting issues are complicated. We should adopt only programs that will most reliably assure actual sequestration and avoid those that ignore carbon impacts of entire components of the activity seeking to be called an "offset" such as clearcuts. We should particularly avoid subsidizing clearcuts because they are extremely difficult to assure additionality, and they also pose big environmental risks.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-17 16:26:43

No Duplicates.

Comment 7 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Donald

Last Name: Forman

Email Address: kateanddon@sbcglobal.net

Affiliation:

Subject: clearcutting

Comment:

The current draft proposal seems to allow clearcutting as a component of a possible procedure for offsets. This is absurd!

Speaking narrowly, the rules should clearly eliminate this possibility and any similar one. More broadly, the rules should clarify require strong verifiability of offsets so that no such possibility could be entertained.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-17 16:50:27

No Duplicates.

Comment 8 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Steve

Last Name: Birdlebough

Email Address: affirm@friendshouse.org

Affiliation:

Subject: Timber Harvest Offsets

Comment:

I am very concerned that the draft regulations might permit timber management plans that are environmentally damaging and GHG intensive, such as clear-cuts. We are very concerned about the dangers of such practices for watersheds and fish populations.

This issue has been publicly discussed for many months, which suggests that the solution is either complicated or politically difficult. In such circumstances, I favor putting the burden of negotiation on the timber companies rather than on the environmentalists. For now, just leave forestry out of the regulations. In a short period of time the industry will come up with an acceptable solution and it can be amended into the rules.

At present California has little experience with offsets. It is important for the program to learn to walk before it tries running into difficult areas. If the proposed draft is adopted, the owners of cement kilns, power plants and refineries will have an open season to invest in clearcut offsets which will subsidize highly damaging forest harvest techniques.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-17 16:24:37

No Duplicates.

Comment 9 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John & Sarah
Last Name: Stephens
Email Address: johnithin@aol.com
Affiliation:

Subject: Re; Part V, Staff Report and Compliance Offset Protocol
Comment:

Dear Sir,

Clearcutting trees is destructive to biological systems and alters water resources and characteristics. It is destroying one part of nature to put in balance another part of nature a dichotomy that segments the intended goal of a sustainable world. Allowing an owner to clearcut and then to receive compensation to repair the damage will incentives the damaging practice.

A two ounce tree seedling cannot possibly be equal in sequestering the same amount of CO2 per year as a mature multi ton giant old specimen. It is a fallacy to expect otherwise and not a real cap and trade offset.

The even aged tree stands are more susceptible to forest fires than mixed aged stands of trees putting this protocol at risk of unwittingly adding to green house gases.

A program for allowing the clearcutting of trees and then compensating and planting seedlings will not capture global warming gasses and should be eliminated from the Protocol.

Mr. & Mrs. John Stephens
348 Minahen St.
Napa, CA 94559

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-17 22:42:07

No Duplicates.

Comment 10 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Art

Last Name: Unger

Email Address: artunger@att.net

Affiliation:

Subject: Cap and Trade for GHG reduction

Comment:

Please do not consider clear cutting as an improved forest management practice. Clear cutting at least temporarily destroys the part of the forest that is cut. The cut trees rot, releasing their carbon dioxide. For a while there may be no roots to hold water in the soil; this allows water to run off and erode the land. The eroded soil may reach streams with adverse effects on our drinking water and fish. Clear cut forests have no value for most wildlife or human recreation.

Thank you for the opportunity to comment,
Arthur Unger

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-17 22:23:43

No Duplicates.

Comment 11 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Alan

Last Name: Carlton

Email Address: carltonal@yahoo.com

Affiliation:

Subject: Timber Harvesting

Comment:

It is ridiculous to include clear cutting as an offset; destroying our forests is not the way to cut carbOn emissions. Your proposal does not adequately consider all the effects of clearcutting and makes your whole program subject to valid criticism and doubts. California's forests are also important for the ecological services they provide, not only for nature, habitat and wildlife, but for people too. Our forests are the lungs of the earth that purify our air. Our forests control sedimentation and temperature of the waters we drink, and on which our salmon depend for reproduction. Even aged, clearcut forests are less resilient, more prone to fire and disease, and provide less diversity of habitat for the species on which nature and Californians depend. Clearcutting should be outlawed.

Certainly, your regulations should encourage select harvesting of forests rather than clearcutting.

No offsets for clearcutting.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-18 08:30:25

No Duplicates.

Comment 12 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kathy

Last Name: Seal

Email Address: kathyseal@gmail.com

Affiliation:

Subject: Please don't allow clear-cutting

Comment:

Please do not allow clear-cutting in the cap and trade program. Clear cutting offsets are suspect. We can't allow facilities with huge emissions to avoid their reductions by buying these questionable offsets. Furthermore our working timberlands matter a great deal for purifying our air, for the water we drink. And clear cut forests are more prone to fire and disease, and provide fewer different habitats that various species need, and on which our environment depends.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-18 11:00:36

No Duplicates.

Comment 13 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Nancy

Last Name: Macy

Email Address: nbbm@cruzio.com

Affiliation: Valley Women's Club of San Lorenzo Valle

Subject: Recycling and AB 32 Scoping Plan

Comment:

It is irrational to allow industries to offset (rather than actually REDUCE) their carbon emissions by purchasing offsets from a timber harvester who then clearcut the very trees that could help in small measure if they were left standing. The emphasis should be on reducing carbon emissions and only as a last resort offset them. If offsetting is available, the offsets MUST be truly environmentally beneficial, not destructive.

It is imperative that you remove that from your regulations.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-18 14:20:08

No Duplicates.

Comment 14 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: pam

Last Name: nelson

Email Address: pamela05n@peoplepc.com

Affiliation:

Subject: greenhouse cap and trade-no

Comment:

We cannot and should not try to CLEARCUT OUR WAY OUT OF CLIMATE CHANGE. We should adopt only programs that will most reliably assure actual sequestration and avoid those that ignore carbon impacts of entire components of the activity seeking to be called an "offset" such as clearcuts. We should particularly avoid subsidizing clearcuts because they are extremely difficult to assure additionality, and they also pose big environmental risks

California's working timberlands are also important for the ecological services they provide, not only for nature, habitat and wildlife, but for people too. Our forests are the lungs of the earth that purify our air. Our forests control sedimentation and temperature of the waters we drink, and on which our salmon depend for reproduction. Even aged, clearcut forests are less resilient, more prone to fire and disease, and provide less diversity of habitat for the species on which nature and Californians depend.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-18 18:15:43

No Duplicates.

Comment 15 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Marisa

Last Name: Endicott

Email Address: reese100@aol.com

Affiliation:

Subject: Protecting our forests

Comment:

We cannot and should not try to CLEARCUT OUR WAY OUT OF CLIMATE CHANGE

Including clearcutting in your program calls into question the credibility of the program (particularly for additionality, verifiability and leakage). It will allow the facilities with greatest emissions (cement kilns, power plants and refineries) to avoid reductions by purchasing highly questionable clearcut offsets, subsidizing the most aggressive and intrusive forest harvest techniques.

California's working timberlands are also important for the ecological services they provide, not only for nature, habitat and wildlife, but for people too. Our forests are the lungs of the earth that purify our air. Our forests control sedimentation and temperature of the waters we drink, and on which our salmon depend for reproduction. Even aged, clearcut forests are less resilient, more prone to fire and disease, and provide less diversity of habitat for the species on which nature and Californians depend.

Not all offsets are created equal. This is a novel program and the accounting issues are complicated. We should adopt only programs that will most reliably assure actual sequestration and avoid those that ignore carbon impacts of entire components of the activity seeking to be called an "offset" such as clearcuts. We should particularly avoid subsidizing clearcuts because they are extremely difficult to assure additionality, and they also pose big environmental risks.

Protect the integrity of the climate program and resiliency of California's forests by: a) eliminating from the offset program clearcutting of our forests as a way of sequestering carbon; b) adding provisions to assure that forest projects DO NOT result in the conversion of naturally managed (uneven aged forests) into clearcut plantations (even aged forests)

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-20 15:08:29

No Duplicates.

Comment 16 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Trisha

Last Name: Lotus

Email Address: trishale@sonic.net

Affiliation:

Subject: We can not clearcut our way out of Climate Change

Comment:

This idea of clearcutting our way out of climate change makes no sense at all. It is not acceptable. I say no to allowing facilities with the greatest emissions such as power plants, refineries, and cement kilns, to avoid reductions by purchasing very highly questionable clear cut offsets, subsidizing the most aggressive and destructive forest harvest techniques.

California's working timberlands are important for people, and not just for nature, habitat, and wildlife. Our forests are the lungs of the earth. They purify our air. Please only allow programs that will assure to produce a method that lowers emissions. We must avoid subsidizing clearcutting. It is a huge and unacceptable environmental risk. Please do not let this pass.

Sincerely,
Trisha Lotus

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-21 15:01:31

No Duplicates.

Comment 17 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Marianne

Last Name: Bithell

Email Address: pacbmarianne@pacbell.net

Affiliation:

Subject: No Clearcutting for Carbon Offsets

Comment:

Including clearcutting in your program calls into question the credibility of the program (particularly for additionality, verifiability and leakage). It will allow the facilities with greatest emissions (cement kilns, power plants and refineries) to avoid reductions by purchasing highly questionable clearcut offsets, subsidizing the most aggressive and intrusive forest harvest techniques.

Not all offsets are created equal. This is a novel program and the accounting issues are complicated. We should adopt only programs that will most reliably assure actual sequestration and avoid those that ignore carbon impacts of entire components of the activity seeking to be called an "offset" -such as clearcuts. We should particularly avoid subsidizing clearcuts because they are extremely difficult to assure additionality, and they also pose big environmental risks that have not been investigated nor included in the process.

Please protect the integrity of the climate program and resiliency of California's forests by: a) eliminating from the offset program clearcutting of our forests as a way of sequestering carbon; b) adding provisions to assure that forest projects DO NOT result in the conversion of naturally managed (uneven aged forests) into clearcut plantations (even aged forests).

Thank you for your time.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-22 09:02:03

No Duplicates.

Comment 18 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Evelyn

Last Name: Kahl

Email Address: ek@a-klaw.com

Affiliation:

Subject: Comments on Cap and Trade Proposal

Comment:

Attached are the Comments of the Energy Producers & Users Coalition and the Cogeneration Association of California on the Cap and Trade Proposal

Attachment: 'www.arb.ca.gov/lists/capandtrade10/19-epuc_cac_comments_on_electricity_treatment_in_c-t_proposal.pdf'

Original File Name: EPUC CAC Comments on Electricity Treatment in C-T Proposal.pdf

Date and Time Comment Was Submitted: 2010-11-22 09:35:51

No Duplicates.

Comment 19 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ken

Last Name: Miller

Email Address: tamerl@suddenlink.net

Affiliation:

Subject: Forest management as trade-off

Comment:

Cap n Trade is beset with unintended consequences, but the one I object to in this proposal is the inclusion of forest management practices that defeat the purpose of reducing carbon emissions, while increasing erosion, soil & watershed degradation, and poisoning of receiving waters by herbicides and their toxic breakdown products.

If forestry is included as offsets, then it should be good forestry that avoids clearcutting or its equivalents, and disallows herbicide use which de-vegetates landscapes, simplifies biologic diversity, and poisons wildlife, including salmonids.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-22 10:07:41

No Duplicates.

Comment 20 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Alison
Last Name: Freedlund
Email Address: ali@mattole.org
Affiliation: Mattole Restoration Council

Subject: carbon offsets and clearcutting
Comment:

Dear Air Resources Board,
Thank you for this opportunity to comment on this important issue. I have managed the Forest Practices Program of the Mattole Restoration Council for over 12 years. I support sustainable land management practices, including careful timber harvests. The idea of cap and trade to help reduce Greenhouse Gas Emissions (GGEs) has some clear benefits if it is within scientifically accepted boundaries that promote less impacts to our air quality. However, the current proposal that would allow even-aged management as an offset for GGEs is completely opposite of the intended purpose. In order to reduce our carbon footprint we must embrace forest practices that will be carbon neutral. The only forest practices that are carbon neutral are ones that promote the growth of standing forests by thinning from below and thereby reduce the threat of catastrophic fire. This type of forestry is called sustainable uneven-aged management. Even-aged management or clearcutting is not carbon neutral. It actually increases impacts to our air quality by cutting down forests that should be sequestering carbon while cleaning our air.

Please consider carefully any program with market incentives to ensure that the offset is indeed an improvement to our environment. Clearcuts are not, plain and simple. The proposal as written is a mockery of the intended purpose and would increase the problem we are attempting to solve. Please include language that protects our forests in California as they are becoming one of our most valuable assets in dealing with climate change.
Sincerely, Alison Freedlund

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-22 11:35:56

No Duplicates.

Comment 21 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Erin

Last Name: Rogers

Email Address: erogers@ucsusa.org

Affiliation: Union of Concerned Scientists

Subject: UCS comments on Cap and Trade Regulation

Comment:

California Air Resources Board

California Air Resources Board

1001 I Street

Sacramento, CA 95812

November 23, 2010

Chairman Nichols and Members of the Board:

The Union of Concerned Scientists congratulates you on the culmination of years of work to develop a regulation that puts in place the world's most comprehensive cap on global warming pollution. The cap and trade regulation currently before the Board is a major plank in a comprehensive package of policies that will enable our state to meet its global warming pollution reduction requirements while bolstering our booming clean energy economy, creating jobs, cleaning up smog-forming and cancer-causing air pollution, and maintaining strong economic growth statewide. Californians overwhelmingly support your efforts to enact policies like this to reduce global warming pollution and clean up our energy supply—as the recent election made very clear. Scientists first noticed carbon dioxide buildup in the atmosphere and its effect on temperatures more than 100 years ago. Since then, the scientific foundation explaining why climate change is happening and what we can do to slow it down has been firmly established. Air bubbles trapped in polar ice cores show that over the last 10,000 years, carbon dioxide levels in the atmosphere were stable at around 255 to 285 parts per million. Starting with the industrial revolution, those levels began to rise and have climbed to more than 385 parts per million today. This carbon dioxide absorbs heat from the Earth's surface and re-radiates in all directions, including back to Earth. The excess trapped heat is now causing droughts and torrential rains, melting glaciers, triggering sea level rise and warming the oceans. If the burning of fossil fuels is not significantly decreased, continued global warming is expected to pose serious risks to California's snowpack and water supply, agriculture and tourism industries, coastal real estate, and public health, according to scientific analysis compiled by the California Climate Change Center.¹

This summer, 118 Ph.D. economists with expertise in climate and energy issues warned that the most expensive thing we can do is nothing. They urged the California Air Resources Board to proceed in implementing the AB 32 Scoping Plan, stating that "global warming gases will be best managed through a combination of policy approaches. Emissions caps combined with a range of regulatory and market-based implementation mechanisms offer a particularly potent strategy because

¹ Our Changing Climate is online at:

http://www.ucsusa.org/assets/documents/global_warming/our%20changing%20climate%20final.pdf

2

they provide clear incentives for changes in business practices and the development of new technologies." 2

California leadership in developing and implementing a cap on global warming pollution will have ripple effects throughout the nation and the world. Because the California cap and trade program may become a model for other states and the federal government, it is important that the program is designed to cost-effectively maximize emission reductions in the capped sectors. We applaud CARB for the thorough public process that has led to the proposed regulation and the opportunity for our organization and other stakeholders to work with CARB staff as the regulation evolved to find optimal solutions to many complicated issues.

Strengths of the Program (as proposed to be adopted):

We are pleased to see that the proposed regulation contains several elements that we believe will make the program effective. These include:

- fully auctioning allowances in the transportation sector;
- a declining cap that starts at a level less than 2008 emissions and declines 2-3 percent per year to reach 1990 levels by 2020; and

- strong enforcement requiring a multiple of 4 allowances to be surrendered within 30 days for every allowance not surrendered on time plus monetary fines for further non-compliance.

Additionally, we support the possibility of crediting emission reductions from verifiable reductions of tropical forest destruction and degradation. The current placeholder language on sectoral crediting helps establish some of the fundamental principles that will be needed to ensure environmental and social integrity of this program. However, careful decisions on many more details, which staff are now considering, will be necessary before this program can be implemented.

We support the inclusion of the current placeholder language indicating that a voluntary renewable energy set-aside will be a part of California's emission trading program. Such a mechanism will provide crucial support for the continued growth in voluntary purchases of renewable energy in California in the years ahead. We believe that one of the program's strongest features is the \$10 per allowance price floor, which escalates 5 percent plus inflation per year. This steady price signal will help businesses make long-term investments in strategies to reduce global warming pollution.

2 Online at: ucsusa.org/ca-economist-letter

3

Recommendations for Additional Strengthening:

There are several areas in which the program can be further strengthened. We urge you to strengthen the cap and trade regulation in the following ways:

Commit to maximize the use of auctioning as a method of allocating allowances.

The value of allowances CARB proposes to freely distribute to the industrial sector amounts to billions of dollars and will far exceed the amount needed to address potential emissions leakage from trade-exposed industries. The economic "dream team" that was assembled to advise CARB on cap and trade design, the Economic and Allocation Advisory Committee, stated in its report that "...relatively little allowance value would be needed under this mechanism to address leakage." (p. 43). Many economic research

reports from the US and Europe suggest that leakage risks can be accounted for through less than 20 percent free allocation. For example, Resources for the Future calculates that "...only about 15-20 percent of allowances are needed to compensate energy-intensive industries, for their loss of producer surplus, so the huge bulk of allowances could still be auctioned."3 Stanford's Professor Larry Goulder and colleagues find that "under a wide range of cap-and-trade designs, freely allocating less than 15 percent of the total allowances prevents profit losses to these most vulnerable industries. Allocating 100 percent of the allowances substantially overcompensates these industries, in many cases causing more than a doubling of profits."4 UCLA Professor Matthew Kahn and Erin Mansur from Dartmouth College find that "energy prices are only a significant determinant of locational choice for a handful of manufacturing industries such as primary metals."5 This provides further evidence that 100 percent free allocation is excessive.

The level of free allocation proposed in the draft cap and trade rule will result in a huge wealth transfer from California's consumers to the industrial sector. In order to avoid this magnitude of corporate welfare, some part of this allowance value should be used to develop and promote low carbon-emitting industrial processes, as well as other societal benefits such as assistance transitioning for workers and small businesses.6 CARB should clearly state in the regulation that it intends to move toward 100 percent auctioning, and leave an opening to do so. One way to do this would be to build in an adaptive management process to assess the impact of free allocation on industries and leakage over time and adjust free allocation as needed.

3 Aldy et al, RFF Discussion Paper DP08-16, Designing Climate Mitigation Policy, May 2009, p 22. online at:

<http://www.rff.org/RFF/Documents/RFF-DP-08-16.pdf>

4 Impact of Alternative Emissions Allowance Allocation Methods Under a Federal Cap-and-Trade Program, August 2009. online at:

<http://www.nber.org/papers/w15293>

5 Matthew Kahn and Erin Mansur, How Do Energy Prices, and Labor and Environmental Regulations Affect Local Manufacturing Employment Dynamics?(p. 24). Online at:

http://ei.haas.berkeley.edu/pdf/working_papers/WP209.pdf

6 see pages 2-6 and 2-7, <http://www.arb.ca.gov/cc/etaac/etaac.htm>
Create Dynamic Product Output-Based Benchmarks That Reflect Best Practices in the Sector

The product benchmarks for industrial pollution sources should reflect sector-wide progress in attainment of the best practice technology and should reward early adopters. The current proposal leaves these benchmarks unchanged for the whole nine years and thus blunts incentives for adoption of innovative emission reduction technologies and leaves cost-effective emission reductions on the table. Setting aggressive targets pays dividends, as can be seen in the electric power industry where adoption of the Best Available Control Technology has achieved a 99 percent reduction in power plant NOx emissions.

More Clearly Define CARB's Role in Offset Decisions

We understand that there is a role for qualified third-party offset registries that are paid by offset developers to assist in managing the offset program used for compliance with the cap. However, because offset registries' profits are directly tied to the number of offsets that are verified and sold through their systems, this may create an incentive to make decisions that favor the offset developers they work with at the expense of the environmental integrity of the offset. Climate registries should not be put in the position of both promoting and selling offsets (their bread and

butter) while at the same time regulating the offsets market. CARB, as the regulatory authority in charge of ensuring that offsets represent real emission reductions, must have a clear role in key decisions regarding verification and offset acceptance or denial. For instance, in Section 95977(e)(2)(C)(xix)(a-c), solely the CARB Executive Officer should handle petitions from offset developers disputing Verification Statements, make decisions on whether the Offset Project Data report meets proper standards, and make final determinations on resolving disputes. Section 95980 should allow the CARB Executive Officer explicit authority to deny any offset proposals that the Executive Officer finds does not meet relevant offset criteria.

Ensure that Offsets Cannot Be Sold More than Once through Different Registries

CARB should devise a means of ensuring that the same offset project is not available for sale through multiple registries throughout North America and not sold more than once.

Lower the Offset Limit

UCS, along with dozens of environmental, public health, faith-based, environmental justice, and other organizations, continue to believe that the cap and trade program should require the vast majority of the emission reductions to occur in the state's heavily-polluting sectors that are regulated by the program. An over-reliance on offsets delays investment in transforming these sectors and denies California residents valuable co-benefits that come along with local emission reductions.

4

5

Increase Transparency

The public should have access to the type and amount of compliance instruments surrendered by each entity each time the entity surrenders compliance instruments for compliance. There should be sufficient information that is publically available in a timely fashion to allow the public to review and check compliance, while keeping price and trade secrets confidential.

Require Allowance Value Allocated to Utilities to Benefit Ratepayers, Meet the Objectives of AB 32, and Facilitate Emission Reductions Above and Beyond BAU

UCS supports the requirement that all utility sector auction revenues be used for the benefit of ratepayers and to meet the goals of AB 32. If this benefit takes the form of rebates, the rebates should be limited to residential ratepayers and include all residential electricity customers within the utility's distribution service territory. If the benefit takes the form of clean energy investments, these investments should be made in accordance with the goals laid out in AB 32.7 We are concerned that the language in the draft regulations requiring that auction revenues simply be spent for the benefit of ratepayers "consistent with the goals of AB 32," affords utilities insufficient direction and puts allowance value at risk of predominately subsidizing business as usual (aka investments that are already required under existing law).

While we appreciate the oversight that the CPUC and local governing boards of the POU's can provide, we encourage CARB to provide additional guidance in the regulations to give utilities a better sense of where they should direct allowance value, and to ensure uniformity of purpose among the state's many utilities. We ask CARB to give clear guidance to the utilities, as well as the CPUC and local governing boards, that any allowance values not rebated to customers but spent on clean energy programs, should be limited to the following uses, described in more detail below.

Cost-Effective Energy Efficiency

Utilities that use allowance values for clean energy investments

should be required to first invest in cost-effective energy efficiency.

California's loading order establishes all cost-effective energy efficiency as our first priority procurement resource. Under AB 32, cost-effectiveness is defined relative to the cost of achieving the emission reductions necessary to meet AB 32's goal of returning to 1990 emissions level by 2020.⁸ As long as energy efficiency can provide emission reductions at lower cost than other

7 AB 32 identifies many goals, including "not disproportionately impact low-income communities," complement "air quality standards and reduce toxic air contaminant emissions," and consider "overall societal benefits, including reductions in other air pollutants, diversification of energy sources, and other benefits to the economy, environment, and public health." Health & Safety Code §38562(b)

8 See Coalition Comments submitted to CARB re: AB 32
Cost-Effectiveness: General Framework (June 2, 2008).

6

emission reduction strategies, it should be considered cost-effective. Significant energy efficiency potential remains in utility service territories that may not be cost-effective under a utility procurement framework, but is cost-effective under AB 32's framework; i.e., compared to other available emission reduction strategies that must be utilized to achieve our 2020 goal. To comply with AB 32's directive to achieve emission reductions at least cost, and to provide additional bill relief to utility customers, CARB should require utilities that receive allowance value to capture additional energy efficiency savings.

Renewable Electricity

If utilities are allowed to use allowance value to invest in renewable energy resources, CARB should establish general principles for such investments in accordance with the goals laid out in AB 32.⁹ New renewable projects that provide health and job benefits to Californians should be prioritized. For instance, local distributed generation, which typically does not require new transmission capacity and may provide jobs closer to load centers, should be prioritized. All investments using allowance values to procure renewable energy should be limited to projects that service the customers covered by the cap and trade program, and be limited to the procurement of contracts that will deliver renewable electricity directly into a California grid, in order to maximize the environmental and health co-benefits for those customers. Finally, renewable energy investments using allowance value should not count towards any cost cap that is established to limit the costs of achieving renewable energy procurement requirements that exist in law.

9 AB 32 identifies many goals, including "not disproportionately impact low-income communities," complement "air quality standards and reduce toxic air contaminant emissions," and consider "overall societal benefits, including reductions in other air pollutants, diversification of energy sources, and other benefits to the economy, environment, and public health." Health & Safety Code §38562(b)

7

Conclusion

UCS commends CARB on its hard work on a first-of-its kind economy-wide cap on global warming pollution. The program has made several important improvements to the program design relative to similar but less comprehensive cap and trade programs in the Northeast United States and Europe. We urge CARB to make some additional adjustments as outlined above to strengthen the program to make it even more effective.

We look forward to working with CARB staff and Board members on these issues in the coming weeks.

Sincerely,

Erin Rogers

Manager, Western States Climate and Energy Program
Union of Concerned Scientists

Attachment: 'www.arb.ca.gov/lists/capandtrade10/23-
ucs_cap_and_trade_comments_23nov10f.pdf'

Original File Name: UCS cap and trade comments 23Nov10F.pdf

Date and Time Comment Was Submitted: 2010-11-23 15:02:52

No Duplicates.

Comment 22 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Michelle

Last Name: Passero

Email Address: mpassero@tnc.org

Affiliation:

Subject: TNC comments on cap and trade regulations

Comment:

Please accept comments from The Nature Conservancy on the final proposed cap and trade regulations.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/25-tnc_commentsapandtradefinal2.pdf'

Original File Name: TNC_CommentsCapandTradeFinal2.pdf

Date and Time Comment Was Submitted: 2010-11-23 16:44:55

No Duplicates.

Comment 23 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Amy

Last Name: Allen

Email Address: amy1925@sbcglobal.net

Affiliation:

Subject: Comment

Comment:

We cannot clearcut our way out of climate change. Please take out provisions that would include clear cuts in the kind of forest projects that are eligible as offsets.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-24 08:58:03

No Duplicates.

Comment 24 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Raphael
Last Name: Bruneau
Email Address: raphael.bruneau@biothermica.com
Affiliation: Biothermica Technologies Inc.

Subject: Strategic and recommended offset diversification
Comment:

Thank you for this opportunity to provide comments on the proposed regulation.

Our comments are attached. We support the CARB's recognition of coal mine ventilation air methane (VAM) offsets as a reliable source of offsets for the CARB's cap and trade program.

Our recommendations can be summarized as follows:

- (1) Recognize VAM oxidation as an eligible offset project category for the first compliance period;
- (2) Adopt a coal mine methane (CMM) protocol based on CAR's existing CMM Project Protocol;
- (3) Recognize VAM CRTs generated by projects started after October 7, 2007.

Best regards,

Raphael Bruneau
Director
Carbon markets
Biothermica Technologies Inc.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/28-biothermica_comments_california_cap_and_trade__final_20101125.pdf'

Original File Name: Biothermica comments_California Cap and Trade_ FINAL_20101125.pdf

Date and Time Comment Was Submitted: 2010-11-25 08:43:21

No Duplicates.

Comment 25 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Frank
Last Name: Lossy
Email Address: ftlossy322@comcast.net
Affiliation:

Subject: Proposed Cap and Trade regulation
Comment:

Dear CARB,

Regarding the proposed Cap & Trade regulation, thank you for including a permit price floor starting at \$10/ton.

In the transportation fuels sector, I support the upstream point of regulation and auctioning 100% of permits. In the industrial sector, the free allocations are excessive and should be reduced. In the electricity sector, the final regulation should direct utilities to protect ratepayers by returning allowance value directly to residential customers as a rebate check.

Finally, I urge you to follow your expert economic panel's recommendation that "The largest share (roughly 75%) of allowance value should be returned to California households... in the form of a dividend check."

Sincerely,

Frank T. Lossy, M.D. & Barbara Steinberg, LCSW
96 Highland Blvd.
Berkeley, CA 94708

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-27 01:09:50

32 Duplicates.

Comment 26 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: James

Last Name: Feichtl

Email Address: jim.feichtl@freight.fedex.com

Affiliation:

Subject: Cap and Trade 2010

Comment:

In overwhelmingly rejecting Prop 23, California voters have given a historic mandate for immediate action to reduce global warming pollution. However, the proposed cap and trade rules weaken the impact of our climate bill by giving away the vast majority of pollution allowances. Seize the mandate for bold, meaningful action and remove the massive allowance giveaways outlined in the current rules. One of the worst parts of the cap and trade rules being considered is the inclusion of clearcutting as an improved "forest management" method under the Forest Project Protocols version 3.2 CAR essentially admits that they do not take into account, critical elements of clearcutting methods (soil ripping, herbicide applications, disposal/burning of dead standing and lying wood) which would greatly affect the amount of carbon that is actually sequestered. Clearcutting turns a forest from a carbon sink into a carbon emitter for at least the next 20 years, precisely the time period where we need to see true reductions in carbon emissions. The protocols also give 100-yr credit for carbon in wood products. Anyone who has replaced a wooden deck, fence or roof knows that these products do not last anywhere near 100 years. They begin decomposing and releasing CO2 as soon as they are installed. Please protect the integrity of California's forests (the lungs and filters of our air and water), by: a) eliminating from the offset program clearcutting of our forests as a way of sequestering carbon and by b) adding provisions to assure that forest projects DO NOT result in the conversion of naturally managed (uneven aged forests) into clearcut plantations (even aged forests).

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-27 13:25:03

2 Duplicates.

Comment 27 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Barbara

Last Name: Zimmermann

Email Address: Barbara_zimmermann@oxy.com

Affiliation: Occidental Oil and Gas Corp.

Subject: Comments on Free Allowances

Comment:

Attached are Occidental Oil and Gas Corp's comments on the free allowance allocations to energy-intensive trade exposed entities. Specifically, the comments raise issues with the way ARB suggests compensation to industrial ratepayers -through energy efficiency programs rather than rebates. Oxy believes that it will not receive any carbon cost recovery under this methodology.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/33-kennedy_letter.pdf'

Original File Name: Kennedy letter.pdf

Date and Time Comment Was Submitted: 2010-11-29 16:16:09

No Duplicates.

Comment 28 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Scott
Last Name: Nissenbaum
Email Address: scarney@finitecarbon.com
Affiliation:

Subject: Finite Carbon Cap-and-trade Regulation Comments
Comment:

November 29, 2010

The Honorable Mary Nichols
Chairman
California Environmental Protection Agency
Air Resources Board
1001 I Street
Sacramento, CA 95812

RE: Cap-and-trade Proposed Regulations

Dear Chairman Nichols and Members of the Board:

Finite Carbon is a forest carbon offset project developer with extensive experience within California and throughout the United States. Finite Carbon staff have decades of combined carbon and forestry experience with three foresters including a California Registered Professional Forester, two certified CAR verifiers including the lead verifier on three registered CAR projects, a broker with experience transacting CAR forest carbon, a member of the CAR forest carbon working group, two members of the Forest Carbon Offset Standards Committee, an author of an American Carbon Registry forest carbon methodology, and an adjunct professor specializing in forest carbon and ecosystem markets.

We currently have eleven forest carbon projects listed on the Climate Action Reserve making us the leading forest carbon developer under CAR. We expect that our hands-on experience implementing these projects throughout the country over the past two years will provide critical insights for ARB staff as you proceed with amending and adopting the final Regulation.

We thank you for your consideration and would be happy to answer any questions you may have.

Sincerely,

Scott Nissenbaum
President
Finite Carbon Corporation
484-586-3094
snissenbaum@finitecarbon.com

Attachment: Finite Carbon ARB Public Comments 11-29-2010

Attachment: 'www.arb.ca.gov/lists/capandtrade10/34-finite_carbon_arb_public_comments_11-29-10.pdf'

Original File Name: Finite Carbon ARB Public Comments 11-29-10.pdf

Date and Time Comment Was Submitted: 2010-11-30 07:29:45

No Duplicates.

Comment 29 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Paul

Last Name: Croulet

Email Address: pauldroidr2d2@gmail.com

Affiliation:

Subject: Cap and Trade

Comment:

I do not support CARB's wish to impose Cap and Trade in this state.

We are state with one of the highest unemployment rates in the nation. We do not need any further cost burden placed on the people of this state.

We definitely do not need any further regulations based off of the lies manufactured by Tran Nguyen or whatever that liars name is.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 08:15:09

No Duplicates.

Comment 30 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Denise and Jeff

Last Name: Rolls

Email Address: jjdrolls@gmail.com

Affiliation:

Subject: Coldest winter in a long time. Don't you get it!

Comment:

Dear Sirs, has anyone checked the temp. lately?! One of the coldest for this time of year in a long time. Global warming is a hoax. Why pick on the producers? As native Californians we are sad to see the lack of common sense in this state when it comes to the environment. It is on the trucks and tractors but all the cars but we don't see any of you not driving! We have gotten to live the "American Dream" but what are we doing to our kids future in business. We have way to much regulation already. STOP NOW!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 08:31:11

No Duplicates.

Comment 31 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Lew

Last Name: Herndon

Email Address: lewherndon@hotmail.com

Affiliation:

Subject: California Cap-and-Trade Program

Comment:

California cannot afford this program. We have lost too many jobs already. Many of those jobs have gone to China where they have no similar rules to govern their industries. By imposing these rules on California we will simply export more jobs the the people who are doing the most pollution. Let's let common sense guide us for once.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 08:31:06

No Duplicates.

Comment 32 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Bill

Last Name: Snowden

Email Address: kcfire@firehousemail.com

Affiliation:

Subject: No AB 32!

Comment:

This sounds like yet another aspect of the United Nation's Agenda 21 Sustainable Development plan. We have no business bowing to foreign influence or regulations...it's in the Constitution. The American workers cannot afford this nor are most even interested!
NO AB 32!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 08:39:21

No Duplicates.

Comment 33 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Greg

Last Name: Fisher

Email Address: gregfisher113@yahoo.com

Affiliation: Auburn Tea Party

Subject: Cap and Trade will hurt CA

Comment:

Cap and Trade will raise our gas prices, destroy jobs and shut down CA farms. I realize this message will fall on deaf ears, as you are no doubt going to generate massive revenue by creating cap and trade.

Please note that myself and my friends/family are against any representative or organization attempting to implement cap and trade, and you will not receive our support.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 08:36:15

No Duplicates.

Comment 34 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Anthony

Last Name: Rapini

Email Address: tjosephr@gmail.com

Affiliation:

Subject: Cap & Tax

Comment:

we have enough problems without creating another one for ourselves.

there is no need for any of these regulations & nobody else in the world is playing by these rules. the climate-gate scandal & the outright fraud imposed by those in power to make people believe this is outrageous. the largest scandal in the history of the world & we are all about to start paying for it here in California.

i hear upwards of 50 million was spent on the no on 23 campaign alone. we need to wake up & realize government is the worst possible answer in any situation.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 08:42:33

No Duplicates.

Comment 35 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John

Last Name: Thibodeaux

Email Address: jgt1jmt2@comcast.net

Affiliation:

Subject: Ab32

Comment:

Implementation of AB32 will increase gas prices, cost jobs, shut down family farms and make food more expensive. Please reconsider

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 08:49:20

No Duplicates.

Comment 36 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John

Last Name: Wessels

Email Address: euromog@aol.com

Affiliation:

Subject: Cap and Trade

Comment:

As a business owner since 1990 I am qualified to speak on this subject. DO NOT impliment AB32 and or cap and trade. Califonia's economy is devastated from over taxation and regulation. Through the middle of this year (2010) over 150 major business' have closed or left this state in the anticipation of AB32. It is simply obvious that if you go ahead with the implimation of AB32 far more will either go out of business or leave California. I must SERIOUSLY ask this question. Is the board of CARB so stupid to think implimenting AB32 will not have an extremely negative impact on California's economy? Have they not noticed that between September of 2008 and September of 2009 over 70,000 small business in California have closed? DO YOU UNDERSTAND THAT IF IT COSTS A BUSINESS TOO MUCH TO OPERATE IN CALIFORNIA IT WILL EITHER CLOSE OR MOVE OUT OF THE STATE? How lacking in common sense can you be?

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 08:37:16

No Duplicates.

Comment 37 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Marillyn

Last Name: Ratliff

Email Address: mratliff@calwisp.com

Affiliation:

Subject: Cap & Trade

Comment:

Please think long and hard when you exercise a power as it has a long ripple effect on our economy. In the long run hundreds to thousands are hurt including your friends and family. What we need is less government and more liberty to move ahead, not to put another drag on our existence.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 08:51:02

No Duplicates.

Comment 38 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kelly
Last Name: Dauksch
Email Address: kmdauksch@sbcglobal.net
Affiliation:

Subject: Cap&Trade
Comment:

To whom it may concern:

I never seen a more mobvious attack on the people in a state in my life. If this takes place I will not be able to afford to live in California anymore. And they people who can will go to solar power and cut utility company's out of the loop. You know what that means right? Less revanue, thats right so will completely destroy the state and end up going bankrupt. And with a republican congress a bail out is out of the question. Our legislature is filled with brain dead idiots that are hell bent on destroying theirselves. California use to be the state you went to for work. Now it's the state you run from for work! There isn't any work here!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 08:53:27

No Duplicates.

Comment 39 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Justine

Last Name: Wheeler

Email Address: wheelerjustine@yahoo.com

Affiliation:

Subject: STOP ALL OF THIS NONSENSE!!!!

Comment:

Every one of our elected officials need to be in a TIME OUT! Stop cramming these bills down our throats like we are not even around. Remember, there are an many of us who DID NOT VOTE FOR you and we are still coming after you. There is another election in 2012, I for one am going to push to get ALL of those who are up for re-election voted OUT!

I do not believe that you even realize what you are doing. You are all a bunch of MORONS with way to much power! Leave your hands out of mine and my families pockets! We do not need anymore laws or regulations! Stop drwoning people in RED TAPE and PAPERWORK! We just want to live our lives and be FREE! I do NOT want to live in a SOCIALIST SOCIETY! I can take care of myself and my family! The government needs to just get out of the way.

Why don't you take care of our borders and start thinking about your UNITED STATES CITIZENS!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 08:54:00

No Duplicates.

Comment 40 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Richard
Last Name: Kangas
Email Address: rkangas02@comcast.net
Affiliation:

Subject: Cap and trade without clearcutting or the like
Comment:

11/30/10

Dear ARB Members,

The removal of forest vegetation simply is NOT justified by any need to offset carbon emissions. Our forests store carbon. Legalizing the removal of forests to provide carbon emission credits thus makes no sense.

Polluting industries should offset polluting industries. We should not promote forest removal to further encourage polluting industries.

Our forests, whether private or public, are part of our most important natural heritage. They provide many resources for our benefit and enjoyment. You know what those are. I will not list them here.

Very little of the natural forest remains in the United States and for this statement, in California in particular. We should not encourage the continued demise of our forests simply to continue present-day polluting industries. On the other hand we should be promoting TRUE restoration of our forest resources. Our forests should be restored and last for the ages.

Our forests should not be managed as an inconvenient tool with which polluting industries can mask their wasteful extravagances while innovate, cleaner, greener, less destructive replacements for those industries are held in abeyance.

Polluting industries will last only until resources for those industries are squandered. Let's not squander our forest and waters and air just to promote squander.

Yours truly,

Rich Kangas

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 08:43:50

No Duplicates.

Comment 41 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Richard

Last Name: Hill

Email Address: richard@ecodock.com

Affiliation: business owner

Subject: cap and trade 10

Comment:

I oppose this bill. Its one more nail in the CA casket. No more government regulation. I moved two companies out of california because of crazy job killing regulation. I am now considering moving them out of the USA rather than let the USA put them out of business.

Another left wing nut control grab by carb. Its to bad for the people of CA and the USA.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 09:13:22

No Duplicates.

Comment 42 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Sharon
Last Name: Mueller
Email Address: rcm2327@aol.com
Affiliation:

Subject: Cap and Trade
Comment:

GREEN JOBS for China and Germany! Why are solar panels manufactured in China rather than here? Why is the Blythe Project awarded to a German company? Why did Spain lose 2.2 jobs for every green job created? Why are all our 'mandated' lightbulbs manufactured in China? Because China is a big polluter! You are so worried about global warming...don't you think China is a part of the world???

I voted for Prop 23, not because I am part of big oil! But, because I am not so stupid to think that since I have to cut my electricity use in summer to avoid blackouts---what in the HELL do you think will happen when the electric cars you all want to buy are plugged in? We can't cover the state with enough windmills and solar panels to provide for that.

SUSPEND AB 32 TILL UNEMPLOYMENT IS UNDER 5.5%.

Sharon Mueller
San Marcos, CA 92069

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 09:17:14

No Duplicates.

Comment 43 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: David

Last Name: Ramsey

Email Address: badrig1@aol.com

Affiliation:

Subject: tv adds

Comment:

Your messages during the elections about big oil were deceptive. I guess thats the way of politics. ARB, you make me sick.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 09:47:22

No Duplicates.

Comment 44 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Richard

Last Name: Stevenson

Email Address: richard_s_stevenson@yahoo.com

Affiliation:

Subject: Cap & Tax

Comment:

I own a business and the bankrupt State of California is mandating the systematic destruction of my livelihood. Why is it possible that the State of California and the California Air Resources Board has chosen to regulate the destruction of thousands of businesses. Earning a living for my family with the creation of GREEN JOBS is a fallacy. I ask why? You know this will eliminate tax revenue as we, hard working, taxpaying individuals no longer contribute to the tax rolls. People are leaving the state of California and we are the backbone of the economy. I am working to stop the CARB lying bureaucrats from continuing the business-killing power grab. I will demand that my elected representatives work to disband this board before my family and I are forced to leave California.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 09:39:53

No Duplicates.

Comment 45 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Walter
Last Name: Babigian
Email Address: wbabigian@comcast.net
Affiliation:

Subject: Cap and Trade
Comment:

I am sickened by what a bunch of unelected bureaucrats are attempting to do to Californian's, and our economy. As the evidence that man is not the cause of global warming is over whelming but also it is obvious that all the attempts at cap and trade both at the state level, as well as a national and global level (most recently admitted to by the U.N.) are nothing more than a power grab and more importantly a scheme to establish a system of wealth transfer. This is pure socialism at its worst. As a voter and citizen of California I demand that C.A.R.B. stop this unethical, cost raising, and job killing attempt immediately.

Sincerely,
Walter Babigian

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 10:02:41

No Duplicates.

Comment 46 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Tammy
Last Name: Snowden
Email Address: tammysnowden@hotmail.com
Affiliation: Republican AMERICAN

Subject: Cap and Trade, Misc.
Comment:

Please tell me how you all continuously hold hearings on items that are obviously hurtful to the American People in the long haul?

Have you not heard our voices? Have you not seen our "new party" that we've had to CREATE to get our voices heard? Call it tea, or call it a continuous pursuit of liberty and freedoms but WE THE PEOPLE WILL NOT turn a blind eye to those in power who are MAKING OUR PROBLEMS WORSE, NOT BETTER with the hearings on Cap and Trade. We will work to see them replaced with those that connect with the People and who seek to hear our voices and pay attention to our Agenda. We want to stand under the Constitution of the United States of America again and be able to know that you ARE ALL WORKING ON OUR BEHALF AND stop watching you all like 5 year old kids. Really!

I'm sure you are all aware that a REAL RECESSION is upon us. It's not gone, it might even work it's way into the worst DEPRESSION ever known and surpass the one of old because in that depression, IT HAPPENED. In this current economic problem, it HAS BEEN A MATTER OF MISUSE, GREED AND A FEELING OF POWER on Congress' & Senate's part to ride the agenda of the President RATHER THAN FIX OUR COUNTRY.

WE WON'T GO QUIETLY, some of us even know what you have in store for Martial Law, should it ever come to pass and you know what, IT STARTS WITH RECLAIMING OUR AMERICA. LAND OF THE FREE AND HOME OF THE BRAVE. WHERE WE FIGHT FOR 'REAL REASONS' AND NOT the ones created by our own Country. WHERE THE TRUTH IS TOLD TO THE AMERICAN PEOPLE AND WE AGAIN, STAND UNITED.

WE WILL NOT CEASE THIS QUEST UNTIL THE RIGHT PEOPLE HOLD THE RIGHT OFFICES.

Cap and Trade is about as worthy of discussion as the Health Care Bill was. Who's agenda are we really promoting anyway.

STAND WITH US OR MOVE OVER AND LET US VOTE IN THOSE THAT WILL.

GOD BLESS THE USA!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 10:08:25

No Duplicates.

Comment 47 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Sondra

Last Name: Palocsay

Email Address: spalocsay@comcast.net

Affiliation:

Subject: Cap on Trade

Comment:

This proposed legislation will severely hurt our central valley farmers and economy in general. Please vote against this legislation. NO to Cap on Trade!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 10:25:57

No Duplicates.

Comment 48 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Gary

Last Name: Hill

Email Address: garyjil@prodigy.net

Affiliation:

Subject: Cap & Trade

Comment:

NO! NO! NO! To cap & trade. We cannot afford to lose any more businesses in California. If we don't have jobs, we won't have anything to TAX.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 10:06:40

No Duplicates.

Comment 49 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Karen

Last Name: Mattox

Email Address: ksigrid@surewest.net

Affiliation:

Subject: California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulati

Comment:

This is NOT what we Californians want. Our state is crippled enough by proven statist radical ideology. If you thrust this bill down our throats it will create a firestorm of righteous protest. You do NOT have our better interests in mind and will continue the distain that the world holds California in.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 10:39:03

No Duplicates.

Comment 50 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: James

Last Name: Wieck

Email Address: jwieck@rbbinc.com

Affiliation:

Subject: Cap and Trade

Comment:

Dear CARB,

You current designs to force Cap and Trade on teh people of California is misguided and disaterous. If your intentions are implemented, you will single handedly place teh strw on teh back of California that finally breaks our economy. This is bad policy based on flawed and fraudulent science.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 10:44:03

No Duplicates.

Comment 51 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Nicole

Last Name: Norris

Email Address: npurdue2002@yahoo.com

Affiliation:

Subject: NO California Cap and Trade

Comment:

We do not support your Cap and Trade scheme!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 10:46:30

No Duplicates.

Comment 52 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: joanne

Last Name: campo

Email Address: yakalotyo@aol.com

Affiliation:

Subject: Proposed Cap and Trade

Comment:

We are COLD all winter as we cannot afford propane and electricity as it is. A cap and trade bill will doom us. If we could sell our house, I would leave California. This decision to cap enery will further push Calif. over the brink.

I cannot imagine how bad it will be for us if this goes forward. PLEASE think how it will affect heating homes, farms,employment, etc.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 10:45:13

No Duplicates.

Comment 53 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Christy

Last Name: Randall

Email Address: crandall@digitalpath.net

Affiliation:

Subject: California Cap on Greenhouse Gas Emissions

Comment:

Please DO NOT implement these caps - our State's economy is already hurting enough!!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 11:10:23

No Duplicates.

Comment 54 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Carla

Last Name: Virga

Email Address: weebler@syix.com

Affiliation:

Subject: Common Sense

Comment:

If there is any common sense and honesty existent within California's CARB bureaucracy, you know:

1. The overwhelming majority of truthfully informed Californians oppose AB32; and
2. Prop 23 was defeated through deceptions and lies.

PLEASE perform your duties in the best interests of the citizens of California and stop the insanity and further destruction of California's economy.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 10:58:43

No Duplicates.

Comment 55 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ron

Last Name: Schaner

Email Address: schaner@sbcglobal.net

Affiliation:

Subject: California Climate Change Program

Comment:

Please do not include Clearcutting as an offset for polluters. They are destroying the Sierras bio diversity, not helping it.

The carbon sequestration clearcut supporters claim is in serious question. Two thirds of California's water comes from these mountain watersheds. Clearcutting should not be rewarded in the California Climate Change Program.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 11:33:48

No Duplicates.

Comment 56 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Sheila

Last Name: Mell

Email Address: grndma2spe@yahoo.com

Affiliation:

Subject: Cap and Trade

Comment:

It is difficult enough these days for farmers to keep on producing crops because of all the costs and regulations. This new plan to further strangle our agricultural producers is the worst. Food costs have been increasing for consumers of late. It is difficult enough in this economy for families to feed their children without imposing more regulations and expenses on the producers. Do not pass this legislation.

California has been blessed with some of the most productive land in the world and hard working innovative farmers. Much of our income is derived from agriculture. Do not bite the hand that feeds you!

Sheila A. MELL

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 11:52:38

No Duplicates.

Comment 57 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Todd

Last Name: Gildersleeve

Email Address: tgildersleeve2004@yahoo.com

Affiliation: Tea Party Truth in Science Committee

Subject: Junk Science

Comment:

The proposed Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, including compliance offset protocols has been proven to be unsubstantiated. The GHG that humans contribute to the atmosphere have an negligible influence on global or local weather phenomenon. The IPCC recently confessed that the emphasis they placed on GHG and it's supposed impact on the global climate is meant to influence wealth distrubution, not the climate.

The State of California cannot afford to play games with the economy and peoples lifes with unnecessary regulation. These proposed regulations will cost needed jobs and increase the cost of every day items negativly impacting all of our citizens.

I implure you to stop with these driconian regulations for the health of California.

respectiffully submitted,
Todd Gildersleeve

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 11:46:13

No Duplicates.

Comment 58 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Robert

Last Name: Crooks

Email Address: rlcrooks@usamedia.tv

Affiliation:

Subject: Cap and Trade

Comment:

Cap and Trade should be called Cap and Tax because that is what it does. Even our elected representatives in Washington have realized the folly of cap and tax. Our state leaders should wake up and quit bowing to the green freaks. Our gasoline already costs more than almost everywhere else. This bill will not help farmers, just the opposite. No more taxes, please.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 12:10:59

No Duplicates.

Comment 59 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Sandra

Last Name: Harris

Email Address: sandyhar@surewest.net

Affiliation: concerned taxpayer

Subject: Greenhouse Gas Emissions

Comment:

I am a member of Nature Conservancy, National Geographic, Smithsonian, Placer Land Trust, Placer Legacy, etc. I believe in conservation and practice it everyday. However, I do not support this move to legislate a Proposed California Cap on Greenhous Gas Emissions. I believe it is misguided and will cause unintended financial consequences to the fiscal health of the state. I have lived in California since 1959 and am seriously concerned with the fiscal condition of the state. Before we experiment with this type of law, we should get the budget back in the black. Use some common sense for a change instead of doing something so radical just because you feel you have the power to do do.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 12:06:33

No Duplicates.

Comment 60 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Joseph

Last Name: Starnes

Email Address: jrstarn@hotmail.com

Affiliation:

Subject: Cap & Trade will cost CA jobs!

Comment:

These costly measures will have absolutely NO impact on global warming and will result in even more CA job losses which we can ill afford. Wake up, Liberals - you're killing our state!!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 12:27:43

No Duplicates.

Comment 61 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Robert

Last Name: Huddleston

Email Address: oldsalt444@sbcglobal.net

Affiliation:

Subject: Cap & Trade and Nazi Germany

Comment:

did you know that the same things CARB is doing now was done by the Nazis in the 1930's ? Where is California headed now ?
Is it true that man learns nothing from history ?

A quote from the article "The Green Nazis and Environmentalism in the Thied Reich" by Jurrian Maessen:

"As clearly illustrated by the current environmental groups, personal liberty is gladly sacrificed for what is called 'the greater good'. It is a well-known fact that most of the environmental fanatics care nothing for matters of liberty, gladly surrendering it to tyrants and their promises of 'environmental sustainability'. As the authors state: 'The Nazis created nature preserves, championed sustainable forestry, curbed air pollution, and designed the autobahn highway network as a way of bringing Germans closer to nature.' Several nationwide programs were initiated by the Nazis as a facade to cover their real plans. The first, 'Beauty of Labour', was created in 1934 to enhance the concept of a comfortable and pleasant workspace for the German worker. In the following year this ordinance was followed up by a 'Reich Nature Protection Law' to ensure the worker could walk through parks without worries. Also, laws were enacted to control air pollution. Besides of the fact that all political opponents were deported to concentration camps, it was green and happy days in Nazi-Germany.

But the hardcore environmentalists who had found their champion in the person of Adolf Hitler were soon to be disappointed. By the end of the 1930s, with a World War imminent, Hitler abandoned most of the environmental pretexts he had used to trick the masses, hook, line and sinker, replacing it with a war-ethos of sacrifice for the greater good and 'lebensraum'. If only a pretext, the entire environmental thing was an excellent beta test for measuring the tolerance of the Germans in regards to the propaganda efforts of Goebbels which had indeed proven to be extremely effective. Not long after, Germany was plunged into a war that finally led to her complete dismemberment."

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 12:13:41

No Duplicates.

Comment 62 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ken

Last Name: Roberts

Email Address: kroberts7963@gmail.com

Affiliation:

Subject: suspend ab32

Comment:

To whom it may concern.

Please do not go forward with your push on cap and trade. California can not afford the loss of jobs and tax base that this would affect. This could and will devastate the California small business, farmers, and ranchers. Put California back on top where we need to be. make California business friendly and profitable suspend ab32.

Thank You.
Ken Roberts

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 12:55:08

No Duplicates.

Comment 63 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Debra

Last Name: Vanatta

Email Address: debbivanatta@yahoo.com

Affiliation:

Subject: Cap and Trade

Comment:

What you are doing to our state is outrageous!! Stop the nonsense!!

I was born and have lived in California my whole life and I am contemplating leaving because of all the ridiculous legislation that does nothing but hurt citizens. I am even wondering if you are trying to get citizens to move. STOP!!!!!!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 13:04:30

No Duplicates.

Comment 64 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Mike
Last Name: O'Kelly
Email Address: mikeokelly48@gmail.com
Affiliation: Morning Glory Dairy

Subject: Allow California to Survive
Comment:

Unilateral Cap-and Trade by one state is insane. California cannot afford that kind of lunacy. California has the lowest credit rating of any State in the Union, and this kind of idiocy is the reason for that. California needs to be development minded in order to survive ... Instead de-developers have taken charge, and California's future hangs in the balance. Please do not attempt to enact or enforce this ... Stacking this onerous load on the top of the already burdensome AB-32 will ring-in the death-knell for all too many of California's already struggling small businesses. I believe that I can speak for the majority of farmers, ranchers, dairymen, and truckers when I tell you that we are teetering on the brink of survival already, and that the CAGW tipping point that you fear is not the imminent one. The fiscal solvency of our State is what's really at stake here.
Sincerely yours;
Mike O'Kelly, President
Morning Glory, Inc.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 13:07:20

No Duplicates.

Comment 65 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Bonnie

Last Name: McAdams

Email Address: bmcadams11@gmail.com

Affiliation:

Subject: Cap & Trade 10

Comment:

I would urge the members of this Board to join the rest of California residents in the realization that even without this Cap & Trade adoption, we have a 12%+ unemployment rate, the cost of food, gas & utilities are ALL continuing to increase and the value of our dollar is shrinking.

The intent to adopt the Cap & Trade proposal in this economic time is beyond ludicrous and shows how out-of-touch with reality the members of this Board are.

I, for one, vote no.

Bonnie McAdams

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 13:17:30

No Duplicates.

Comment 66 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Barbara

Last Name: Schulte

Email Address: b.schulte09@comcast.net

Affiliation:

Subject: Greenhouse Gas Emissions

Comment:

Increased gas prices and increased costs to farmers and other productive parts of our economy are unconscionable at this time with the economy still extremely unsteady. With the collapse of China's cotton crop we will be paying much for clothing in the next year (thanks to the legislature for curtailing the growing of cotton in California we don't even have our own cotton crop!)so it's time to hang back and leave cap and trade Greenhouse Gas Emissions to another decade, if ever.

California is indebted up to our necks and still many want to act like we are the forerunner for every scheme that comes down the pike. When will California wake up and smell the coffee?!

Get real...

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 13:23:18

No Duplicates.

Comment 67 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Raymond

Last Name: Mars

Email Address: raymondmars@yahoo.com

Affiliation:

Subject: C.A.R.B. is illegal!

Comment:

The board is as legal as Pepe Gomez from Encinada Mexico! They are political appointees who are bought by the radical left. They are not, I repeat not, unbiased, but partisan to the core! We need to see that board dissolved, when we can regain the state government! Next to public hangings of the Democrats or public flogging they richly deserve. They should be ran out of the state, the party banned because they are COMMUNISTS!

We in the state of California need to come to our senses, no amount of taxation or carbon dioxide control will ever work to create a job! C.A.R.B. destroys jobs, destroys the tax base and as I stated needs to be disbanded.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 13:33:48

No Duplicates.

Comment 68 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Aaron

Last Name: Palm

Email Address: aaronpalm74@gmail.com

Affiliation:

Subject: Farmers Struggle

Comment:

In any circumstances I would not support his Proposed Cap on greenhouse emissions because of its impact on agriculture. Every Californian will be effected by this new regulation because of its impact on the farming community. Food prices will increase. Farmers will feel the impact double. They will suffer as consumers stop buying CA agricultural goods and buy cheaper out of state products. However, in this economy where farmers are losing their land and unemployment has left people unable to handle higher prices this new regulation is criminal. If this passes the people who do it will be responsible for every poor person who cannot afford proper nutrition. The people that pass this will be responsible for every CA farmer who goes out of business and loses his home and farm. Compassion and common sense can prevail and this part of AB32 can be put on hold for at least another year if not two.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 14:00:07

No Duplicates.

Comment 69 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Richard

Last Name: Improta

Email Address: richard.improta@gmail.com

Affiliation:

Subject: CARB and Cap & Trade

Comment:

I am against crippling our State with Cap & Trade and higher taxes for farmers, on gas, etc. I think Mary Nichols is insane and Carb needs to be dismantled. I have encouraged Ed Royce to take up our cause. Richard

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 14:15:08

No Duplicates.

Comment 70 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Connie

Last Name: Brooks

Email Address: clbrooks@brookshomecare.com

Affiliation:

Subject: Cap and Trade

Comment:

I cannot believe that in this poor economy, and with businesses leaving this state every day, you would dare to put through this terrible bill. It won't even change the gas emissions 1% if used correctly. Why do you want to injure US, the farmers and businesses of this state. We farm 22 acres and have a company that employs 90 people. I guess we will have to move out of this state, so we can make a little profit to stay aboveboard and not have to lay people off. You people have NO common sense!!!!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 14:21:00

No Duplicates.

Comment 71 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Thomas

Last Name: Brown

Email Address: tbrown3905@comcast.net

Affiliation:

Subject: Stop "Cap and Trade"

Comment:

Dear Board Members,

Thank you first of all for your service. However, you must remember you are not elected, and so do not have a "mandate." The "cap and trade" scheme you will be proposing will put California at a huge disadvantage commercially with competitors, further driving business and agriculture from the state.

We are all concerned about air quality in California, and have made huge strides in the past decades, in part due to your good work. We thank you. But please do not over-reach the science in promoting "cap and trade." As has been shown in the past year, the proposition is founded on "shaky" science, which is by no means agreed upon by all. Until that science has "caught up" and been verified, please do not politicize or monetize or penalize it. Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 14:25:20

No Duplicates.

Comment 72 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Peggy

Last Name: Ray

Email Address: Peggyandpops@yahoo.com

Affiliation:

Subject: Stop AB32

Comment:

California needs to be more citizens friendly. AB32 will cause the economy to get worse. California needs jobs, jobs and more jobs. No new taxes, no more added regulations and work with private businesses to get things moving again.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 15:46:00

No Duplicates.

Comment 73 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Barbara
Last Name: Samardich
Email Address: asbs@sierraemail.com
Affiliation:

Subject: Cap and Trade
Comment:

CALIFORNIA IS BROKE!!! When will you get it through your heads that even if carbon dioxide were a REAL PROBLEM, we can't afford the kind of compliance regulations that you want to impose. Out of state companies will simply cease doing business with us. The small farmer will be affected from a single small tractor to a large combine. THIS WILL NOT CREATE JOBS!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 16:21:17

No Duplicates.

Comment 74 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: felipe

Last Name: garcia

Email Address: rangerdave@mynvw.com

Affiliation:

Subject: Forest Clear Cutting

Comment:

Forest clear cutting should not be included in the carbon sequestering program of cap and trade. Our forests are vital components in protecting our watersheds, preventing floods, mudslides, sedimentation of our streams, rivers and lakes, helping to replenish our groundwater, and helping to keep our water clear, clean, and healthy for all organisms.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 16:57:24

No Duplicates.

Comment 75 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Richard

Last Name: Billia

Email Address: billia1@sbcglobal.net

Affiliation:

Subject: California Cap and Trade Proposal

Comment:

As a registered California voter I would be opposed to any legislation that would impose a Cap and Trade policy for the State of California.

a

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 18:16:34

No Duplicates.

Comment 76 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: daniel

Last Name: coyle

Email Address: dannycogle56@yahoo.com

Affiliation: concerned california citizen

Subject: stop cap n trade NOW

Comment:

Its hard for me to believe that these idiots are still attempting to destroy the state of California with the bogus and rediculous regulations they are attempting to impose on us. It has to be stopped!!!!!!!!!!!!!!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 19:38:38

No Duplicates.

Comment 77 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: steve

Last Name: holmes

Email Address: stevor_h@yahoo.com

Affiliation:

Subject: Cap and trade is BAD. SB 32 is BAD

Comment:

Even the "global warming" folks essentially admitted that it was a LIE and changed it to "climate change". Still, YOU GUYS seem not to have figured it out yet.

It's all a SHAM by Al Gore (who must not believe in it himself judging by the ENORMOUS HOUSES he owns) and for HIM and his buddies to get RICH!

Get rid of Cap and Trade or YOU will have to remember that YOU WERE THE PROBLEM when California goes bankrupt.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 19:49:49

No Duplicates.

Comment 78 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: David

Last Name: MCGLASSON

Email Address: d_mcglasson@yahoo.com

Affiliation:

Subject: Cap & Trade Regulations

Comment:

Implementation of any sort of cap and trade regulation in California promises to increase our already-nation's-worst unemployment, raise our already-high gasoline and electric utility costs, and increase the rate at which businesses choose to leave (or simply not come to) our fair state.

While the issue of global climate change is important and should be given due attention, we in California simply cannot afford a Quixotic attempt to halt carbon emissions at our borders. We live in a large nation along with 49 other state economies, and in a very flat international economy where we are required to compete against other nations which are not burdened with our cost of labor or regulations, much less an internationally-unique burden like cap and trade.

I suppose CARB has the administrative power to make this regulations happen. The sad fact is that if you choose to do so, you will find yourself exercising more and more control over fewer and fewer people, with a smaller and smaller budget due to ever-declining tax revenues. And all that will be your fault, for failing to understand your place in a much larger universe.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 20:01:46

No Duplicates.

Comment 79 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: keith

Last Name: packer

Email Address: kpack1957@yahoo.com

Affiliation:

Subject: cap and trade legislation

Comment:

Ask yourself before voting yes on this legislation is this really the time and place to over burden the people of this once great state with such a damaging piece of work. This will hurt all families who purchase anything, it will drive cost up of nearly everything we need to survive we do not need this now or later. You politicians are hell bent on destroying this state keep it up you will see the once great state of California sink further into the abyss of no return.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 20:11:29

No Duplicates.

Comment 80 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Hal

Last Name: Mortimer

Email Address: mortrace@sbcglobal.net

Affiliation:

Subject: Stop Cap & Trade

Comment:

To the California Air Resources Board Members,

I respectfully request that you slow the pace of implementing this new legislation. Our state cannot afford to continue letting special interest radical groups to develop and push legislation that continues to place us at a disadvantage to the rest of the nation and world. This Cap & Trade legislation will do nothing more than hurt employment in the state while lining the pockets of a few investors. And it will make no change in the rate of "global warming." The law of unforeseen consequences continues to be proven time and time again by legislation such as this. I urge you to carefully read all of the proposed regulations and then present them to the public for comment.

Thank you,

Hal Mortimer

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 21:06:25

No Duplicates.

Comment 81 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Greg

Last Name: Myers

Email Address: gkmyers77@yahoo.com

Affiliation:

Subject: California Cap on Greenhouse Emissions

Comment:

Global warming is a pathetic hoax. According to the Heritage Foundation's National Center of Policy Analysis, greenhouse gases make up only 2% of the earth's atmosphere and carbon dioxide is only 3.62% of all greenhouse gases. In addition to that, all human activity creates a infinitesimally small .0025% of all the carbon dioxide in the atmosphere. So mankind's contribution to the non-existent problem is miniscule.

Add to that the fact that the maximum reduction of man-caused carbon dioxide via the implementation of a global cap and trade program is estimated to be less than 3%, and simple logic tells us that even if global warming were an authentic threat, our very best efforts would have no noticeable impact. Give it up! It's a dead horse.

Further more, California is flat broke. Our state economy is in complete shambles and we have the worst business climate of any state in the union. Companies are leaving the state in droves and new start ups are scarcer than ice cream cones in the Sahara. A costly cap and trade program may push us beyond any hope of significant recovery. Give it up! It's a pointless, lost cause.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 21:20:28

No Duplicates.

Comment 82 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Stillman

Last Name: Gates

Email Address: sgates@wavecable.com

Affiliation:

Subject: CA Cap and Trade

Comment:

This action is a job killer and with only CA in the game it is a total waste of capital. More jobs will go out of state, More businesses will go out of state. Look what this will do to making the CA budget harder to close. Sefdom is in your future.

Stillman Gates

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 21:58:42

No Duplicates.

Comment 83 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Donald

Last Name: Bruegeman

Email Address: doug.bruegeman@comcast.net

Affiliation: none

Subject: capandtrade10

Comment:

I am retired but I have children and grandchildren that live in the Sacramento valley. I adamantly oppose the statewide cap and trade scheme that will raise our gas prices, kill jobs and shut down farms. My grandchildren and yours will pay for this. If my health allows I will attend the December meeting to voice my thoughts in person.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 22:08:30

No Duplicates.

Comment 84 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John

Last Name: Correia

Email Address: johnacorreia2@gmail.com

Affiliation:

Subject: Comon sence

Comment:

It seems that all the things that have made California a great state have some how become bad? How is it that so few can lay waste to so many that have worked so hard to grasp a little piece of the American Dream? Once they have destroyed our economy, they will wonder who will pick up the tab for their lavish life style, but unfortunately the old work horses that carried the load will be gone. Read Atlas Shrugged by Ayn Rand! I can only pray that God will save us from these fools!
Who is John Galt?

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-11-30 22:10:56

No Duplicates.

Comment 85 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kevin

Last Name: Gifford

Email Address: giffordk@hughes.net

Affiliation:

Subject: Capand trade 10

Comment:

The legislators in Sacramento who vote for bills like these are only greasing their own pockets in one way or another. When are they going to start voting for what is BEST FOR CALIFORNIA instead of their own self interests. This is a great example of why the Tea Parties are alive and still growing. They help the silent majority keep score on the voting records of these carpet baggers so we all can be more informed for the next election cycle.

How can California implement laws that the we cannot afford and expect the rest of the country to bail us out?

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 01:38:57

No Duplicates.

Comment 86 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Tim

Last Name: Nordyke

Email Address: arcin_n_sparkin@hotmail.com

Affiliation:

Subject: Cap and trade??

Comment:

you will kill 90% of the lawn care jobs. How will the illegals work then? they will hopefully go to sacramento and demand miss nichols for a check which she has taken from them.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 04:35:05

No Duplicates.

Comment 87 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Lance

Last Name: McCray

Email Address: awesomemotorcycletours@gmail.com

Affiliation: NOR CAL TPP member

Subject: CARB

Comment:

I can get into what I know about CARB and I can tell you what I do know I don't like AT ALL. But the real thing that I don't like is that this thing is over 3'000 pages and I can't even begin to understand it. This is not clever we do know why you make these things so big and confusing. It is so you can make it do anything you want it to. This is bad legislation and it was done by unelected people who have no right to set laws regulations taxes or fines.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 06:06:29

No Duplicates.

Comment 88 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Molly

Last Name: Ball

Email Address: motorcycle_nana@sbcglobal.net

Affiliation:

Subject: Suspend AB 32 - CARB Cap & Trade Hearing

Comment:

I do NOT support CARB's energy tax proposal. This ill conceived scheme will increase gas prices, cost jobs, shut down family farms, and make food more expensive.

AB 32 is not about the environment...It is about redistribution of wealth...In other words, it is meant to drive businesses, jobs and people out of California.

AB 32 is meant to promote AGENDA 21, the U.N.'s scheme to redistribute the wealth to other countries and our ultra-liberal progressive, self-serving, entrenched politicians in California are working hard towards this goal. If AB 32 is not suspended, you will see more and more businesses leave California and if you think unemployment is as bad as it can possibly get now...you ain't seen nuthin' yet. AB 32 is irresponsible and a sneak attack on this state.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 06:30:34

No Duplicates.

Comment 89 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Melinda

Last Name: Smith

Email Address: melindasmith29@sbcglobal.net

Affiliation:

Subject: Cap & Trade

Comment:

Who determined that anyone (let alone this group) has the right to tax, regulate, or anything the AIR which circulates EVERYWHERE, to EVERYONE anyway? This tax is evil and just another way for evil people to control everyone they consider to be lesser beings than themselves.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 07:08:00

No Duplicates.

Comment 90 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Coy

Last Name: Boggs

Email Address: ibcoy@pacbell.net

Affiliation:

Subject: California Cap on Greenhouse Gas Emissions

Comment:

we do NOT support CARB's plans to raise gas prices, kill jobs and put the family farmer out of business. CA. can not afford to pay higher prices for food and other things in our lives. if this continues you will drive business out of CA.

So please do not do this to our great state.

Coy Boggs

Livermore, CA

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 07:40:17

No Duplicates.

Comment 91 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: David

Last Name: Jemison

Email Address: jemisond@hotmail.com

Affiliation:

Subject: stop the madness!!

Comment:

This proposal is utter madness in the current economic climate. The state can NOT afford this right now (if ever)!

Cap and Trade simply will not work and will cause much harm to the entities that have the ability to do something about the environment in the future.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 08:12:48

No Duplicates.

Comment 92 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Gordon

Last Name: Ayers

Email Address: gordonayers@bigplanet.com

Affiliation:

Subject: CARB Cap and Trade measures

Comment:

I really don't want to insult you because previously in past times, positive comments usually generated good will and understanding but this Congress of the Great State of California is out of touch with reality!

The economy is still in the tank and you want to impose additional costs that will hurt the economy, not help it? Where did you get your education? Have you even read the complete bill? Probably not!

I believe we should move forward continuing to help clean up the environment but we should start approaching it during a financially promising time; NOT NOW!

Take a look around; this wonderful State was previously one of the best economies in the World. This will not do a thing to help us rebound from this economic crisis!

Sincerely Pissed Off at California's Government,
Gordon Ayers

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 08:16:21

No Duplicates.

Comment 93 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Mike

Last Name: Murray

Email Address: rdkngjcky@gmail.com

Affiliation:

Subject: Cap & Trade

Comment:

I can't believe you folks would be trying to grow government power at this time. The Cap & Trade idea is absolutely the wrong direction for California & the country.

I am actively having all of my colleagues through my blogs watch your actions closely. It is time to remove the statist from the ARB! You folks are out of touch with the mainstream and are clearly activists at best.....

I will do everything in my power to get you removed and I hope to see you in the unemployment lines soon.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 08:20:24

No Duplicates.

Comment 94 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Mr. & Mrs. Mike

Last Name: Morris

Email Address: Febguys@comcast.net

Affiliation:

Subject: Oppose any further emission controls!

Comment:

CARB cannot continue to impose ridiculous emission requirements, etc., without unduly hurting Californians. This must stop. We oppose further controls.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 08:27:28

No Duplicates.

Comment 95 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Sharon

Last Name: Agee

Email Address: pngrvstn@pacbell.net

Affiliation:

Subject: California

Comment:

It should be clear by now that California is teetering on the edge financially, that people are moving away in droves, costs of everything are going up and we are driving away the job producers. To be kind I am calling these "cap and tax" ideas misguided, but my heart tells me that there are people who want to see our state and our country fail and collapse. There are other words which state their mindset better than misguided. One may think that once California has a lower number of workers due to flight to other states, that a higher percentage may be employed in some kind of socialist utopia, but rest assured, businesses will follow these workers because business is not stupid, business wants to employ good solid workers, not simplistic, ideological government sucklings which is all that will be left in the shambles. As usual, California wants to lead the way. Soon third world countries will be "outsourcing" their mindless jobs to California because parents will be willing to work a whole week for the ability to buy bread for their starving children. It couldn't happen to more deserving people than those who have allowed government to stray so far from our founding truths, but I suspect that may be changing. Perhaps we could put that tall, tall building to a better use than useless government. I like the cafeteria, though. I worked there many years ago making coffee and taking cash for meals most regular working folk paid twice as much for. I should have started waking up then. Better late than never.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 08:10:34

No Duplicates.

Comment 96 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Virginia

Last Name: Kylberg

Email Address: bngkusa@psln.com

Affiliation:

Subject: Capandtrade

Comment:

I do not want capandtrade10--It would be a bad law, and discourage and harm businesses, and is wrong! Do not consider the adoption of a cap on greenhouse gas emissions and market-based compliance mechanisms! It will kill what is left of California business, and hurt taxpayers.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 08:49:54

No Duplicates.

Comment 97 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Lori

Last Name: Jenkins

Email Address: majesticbullmastiffs@yahoo.com

Affiliation:

Subject: Cap and Trade in California

Comment:

Considering human caused global warming is based on junk science "climate gate". There is little to no reliable evidence that carbon dioxide has any warming effect on the planet. In fact carbon dioxide is an essential element in our atmosphere. Cap and Trade will further hurt California's economy, driving business and industry out of California and into states and countries that do not have California's regulations, China having virtually no environmental regulation at all. Considering California gets 25% of our pollution from China, how exactly does California benefit from Cap and Trade?

It seems the major voices in favor of Cap and Trade are making quite of money on this scam at our expense. California's economy is the victim of greed and corruption with no better air quality to show for it.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 08:46:50

No Duplicates.

Comment 98 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: William
Last Name: Reisig
Email Address: wcreisig@comcast.net
Affiliation:

Subject: CARB
Comment:

To whom it may concern:

I am utterly amazed that government at every level seems determined to do everything possible to destroy our already weakened economy with misguided "feel good" legislation and unilateral administration actions.

Enacting CARB would once again use the leverage of the soft science and self serving actions of the likes of Al Gore to further destroy the California economy and, along with other misguided governmental actions such as the irrigation shut down to Central Valley farms, will hasten and ensure the demise of our once vibrant agricultural business in California.

I request that you do your homework, look at the FACTS not the political imperative, and scrap this horrible plan.

With sincere regards,

Bill Reisig

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 09:25:19

No Duplicates.

Comment 99 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Christy

Last Name: Horne

Email Address: baasco49@aol.com

Affiliation: Houseperson

Subject: Cap and Trade

Comment:

As I sit and pour over my budget I wonder how I will eat, buy medicine and drive to get my medicine. I will make choices to pay rent or eat or to buy gasoline or meds.

If these choices do not bother you and all the rich people you serve go ahead and pass your regulations. Our air here in Bakersfield is because we live in a bowl, we do not create the problem other Counties do.

California Resource Board members add to the problem. Bakerfield had a day to car pool etc. out of 300,000 residents 240 participated. You dig into your conscience and pockets and send the old people the money to survive.

Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 09:29:52

No Duplicates.

Comment 100 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Leonard

Last Name: Stone

Email Address: leonardonthecoast@gmail.com

Affiliation:

Subject: Greenhouse gas Balderdash

Comment:

Dear Board Members,

Please review the state of business and farming in California before you implement draconian environmental regulations. The very idea that Man's activities today will cause the climate to change irreversibly in 100 years or so, is ridiculous on it's face. We cannot reliably forecast the local weather more than a day or two in advance but 100 years from now, we know what the climate will bring?

The climate has changed, constantly, since the creation of the planet. The planet has been both warmer and cooler than it is today. The climate will continue to change whether AB32 is implemented or not. California changing standards will effect the lives of the people living in California today. The immediate and known effects will be to further damage our failing economy.

It is completely irresponsible to implement legislation which guarantees current injury with no reliable expectation of any future benefit.

Sincerely,

Leonard Stone

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 09:58:54

No Duplicates.

Comment 101 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jennifer

Last Name: McCarthy

Email Address: jenny1mk@roadrunner.com

Affiliation:

Subject: Cap and Trade

Comment:

California is in the worst economic condition in decades. Family farms are on the verge of collapse. Unemployment is at record levels. Prices are rapidly increasing. People, companies, and jobs are streaming out of the state, to other, more business-friendly areas. Now is not the time to heap more regulations, more costs, and more taxes on the people of California. Please do not impose all these new regulations on us.

Sincerely,
Jennifer McCarthy

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 10:12:09

No Duplicates.

Comment 102 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Joseph
Last Name: Sullivan
Email Address: joesully2@prodigy.net
Affiliation: Retired

Subject: AB32 Supports a Hoax
Comment:

In September 2006 Assembly Bill AB32, titled the Global Warming Solutions Act, aimed at reducing greenhouse gas emissions, principally carbon dioxide (CO₂), to 1990 levels by 2020, was approved. This stems from a contention of the Intergovernmental Panel on Climate Change that global warming results mainly from burning fossil fuels, pumping carbon dioxide into the atmosphere. However 31,487 scientists, including me, a Geological Engineer for half a century, petitioned the government to reject that contention, recognizing it as a hoax perpetrated by those who will benefit financially worldwide from expenditures of billions of dollars to reduce carbon dioxide. They depend on the ignorance of the general public regarding historical geology and climatology to foster this hoax. Reducing CO₂ will not effect climate change.

Harold Lewis, famous Professor of physics emeritus at the University of California recently resigned from the top professional association for physicists saying "the money flood" has corrupted science and calls global warming a 'scam' with the trillions of dollars driving it that has corrupted so many scientists." "It is the greatest and most successful pseudoscientific fraud I have ever seen in my long life as a physicist."

The Intergovernmental Panel on Climate Change (IPCC) is the so-called authority on climate change, yet Vice Chair Yurri Izael in April 2007 wrote, "the panic over global warming is totally unjustified;" "there is no serious threat to the climate." IPCC reports are not those of its scientists, but are policymakers' summaries produced by a committee of 51 government appointees, many of who are not scientists. Some of its 2500 scientists have resigned in protest against IPCC summaries, in which these political appointees alter their own scientist's reviews. The latest example of this type activity occurred in 2009 when computer hackers broke into the computers of the British Hadley Institute, hailed for research of global warming, and it was discovered the Institute manipulated data to cover up evidence that went against their beliefs in man-made global warming. Admitted was that we are not seeing global warming, but rather global cooling. The same evidence appears in graphs showing the start of the cooling trend. From 1850 to 1950 CO₂ levels increased significantly, but the temperature rose only 0.1 degree Celsius. The earth has been cooling and is likely to do so for the next couple of decades. CO₂ makes up only 38 one-hundredth of one percent of the earth's total gases in the atmosphere. That 0.038 percent, which Global Warming advocates want to reduce by a smidgen at a cost of trillions of

dollars worldwide, is being advocated at a time when the earth is cooling.

The Earth warms and cools in 100,000 year cycles. Our planet has mostly been much hotter and humid than today, with far more carbon dioxide (CO₂) than today. Earth's atmosphere now contains about 380 ppm CO₂ (0.038%). Compared to former geological times, our present atmosphere is CO₂ impoverished. In the last 600 million years only one other geological period witnessed CO₂ levels less than 400 ppm. To the consternation of global warming proponents, the late Ordovician Period 550 million ago was an Ice Age while at the same time CO₂ concentrations were nearly 12 times higher than today, 4400 ppm. According to the greenhouse theory, it should have been exceedingly hot. .

What really affects our climate? During Earth's formation it was impacted at a low angle by Theia, a planetary mass a little smaller than Mars. The impact knocked off part of the earth's forming mantle, which later formed part of the moon. Theia's impact is responsible for the earth's 23.5-degree axial tilt, which created the Earth's seasons. After the impact the remaining mantle fractured, and parts drifting on the earth's semi-molten surface formed tectonic plates. The plates collided with each other many times and the present set, making up our continents, are still in motion. The earth's tilt; changes in the way it orbits the sun; variation of the sun's radiation as it burns up; volcanic eruptions; changes in oceans flows; and melting snow and ice control the earth's climate. Large numbers of earthquakes occur every year, a reminder that earth is a cracked dynamic sphere, whose parts are constantly in motion, and are all involved in climatic conditions. Considering these factors human attempts to control the Earth's climate are a pipe dream

Joe Sullivan
Geological Engineer

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 13:25:11

No Duplicates.

Comment 103 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Alan

Last Name: Willard

Email Address: fringe54@volcano.net

Affiliation:

Subject: No clearcuts for carbon offsets

Comment:

First of all I believe the concept of carbon offsets are a capitulation to polluting industries allowing them to continue business as usual which exacerbates our human induced climate change challenge. To make things worse we have a lumber industry that seem to have succeeded in turning reality on it's head. Deforestation is a major contributor to climate change. For the timber industry, Cal Fire, and Air Recourse Board to claim that clearcut logging is good for our climate is an excellent example of Orwellian news speak. It is a claim that suggests our state agencies put in place to protect citizens are in fact paid industry lobbyists doing the bidding of SPI and other large timber firms whose policy is "even age silviculture" (clear cut logging = deforestation.)

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 13:37:57

No Duplicates.

Comment 104 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kay

Last Name: Durkee

Email Address: kateea@bigfoot.com

Affiliation:

Subject: Cap & Trade Hoax will tax us unfairly and dishonestly

Comment:

The environmental warming caused by humans is a HOAX founded by Al Gore who has NO training or expertise in this area. His expertise is to get much money from this hoax.

I am in favor of efforts to keep our air, water, etc. clean; but the Cap & Trade hoax is not an honest part of protecting our environment. It is an effort for governments and some individuals to make money. Where does the money paid for Cap and Trade go???

CARB claims to want to boost consumption of locally grown food, but this will have the opposite effect by putting farmers out of business.

Cap and trade is in collapse elsewhere, so why should we hurt our economy even more when other states and Washington all recognize how harmful this will be?

The global warming scare is based on biased and dishonest use of weather data from around the world.
When will we learn?

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 13:33:29

No Duplicates.

Comment 105 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jeremy

Last Name: Weinstein

Email Address: jweinstein@prodigy.net

Affiliation: Law Offices of Jeremy D. Weinstein, P.C.

Subject: Comment Letter on Sections 95852.2 and 95131(i)

Comment:

Attached please find a comment letter following up on a recent very helpful phone call with staff.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/116-weinstein_carb_12.1.10_comment_letter.pdf'

Original File Name: Weinstein CARB 12.1.10 comment letter.pdf

Date and Time Comment Was Submitted: 2010-12-01 13:52:58

No Duplicates.

Comment 106 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Sharon
Last Name: Murguia
Email Address: jsm007@verizon.net
Affiliation:

Subject: Cap and Trade Tax
Comment:

I IMPLORE YOU, PLEASE DO NOT PASS CAP AND TRADE REGULATIONS. OTHER STATES HAVE ALREADY ABANDONED THESE OUTLANDISH MEASURES AND FOR GOOD REASONS. DO LIKEWISE. THE LAST THING CALIFORNIANS NEED IS TAXES THAT WILL RESULT IN THE LOSS OF MILLIONS OF JOBS. THIS IS NOT IN OUR BEST INTEREST!

PLEASE LISTEN TO THE SMALL BUSINESS OWNERS AND THOSE WHO WOULD LIKE TO REMAIN EMPLOYED - DO NOT PASS THE CAP AND TRADE REGULATIONS. MAKE CALIFORNIA BUSINESS FRIENDLY SO WE CAN GROW OUR ECONOMY. THANK YOU.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 14:30:58

No Duplicates.

Comment 107 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Randy

Last Name: Crutcher

Email Address: quantumrandy@gmail.com

Affiliation:

Subject: Comments on Cap and Trade and clearcutting of forests

Comment:

As a native California and resident living adjacent our forest lands, I strongly urge the Air Resources Board to adamantly oppose industrial clear cutting of forests as a carbon emission offset. Trading smokestacks for denuded and desertified forests is not a trade at all, it is a crime against the forest and all of its residents, with ill effects in the larger balance of climate protection. Sustainable harvesting and management is the most prudent means of reducing climate instability and science supports that. We need policy makers who are bold enough to stand up to industry pressure. I urge you to be that bold.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 15:27:00

No Duplicates.

Comment 108 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Garry
Last Name: Boswell
Email Address: garry@theboswells.com
Affiliation:

Subject: CAP And Trade
Comment:

I will keep this short,

We have bigger issues in California that to implement a CAP and Trade system. The budget is 25Billion short, we should be looking at ways to eliminate regulations but CARB is set on expanding them.

CARB should be abolished.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 16:21:17

No Duplicates.

Comment 109 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Diane

Last Name: Siebern

Email Address: tydow@verizon.net

Affiliation:

Subject: Proposed Cap and Trade Energy Program

Comment:

I cannot attend the public hearing for the adoption of the Cap and Trade program but I wish to make it known that I am strongly opposed to the passage of this program. While there may be some value to this ambitions of this program this is not the right time to implement it. The cost of this program to our economic well being far exceeds any benefits we may reap from it. If so many other states have pulled out, why should we continue down the road to economic disaster?

Please do not vote to adopt the Cap and Trade program.

Diane Siebern

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 17:30:07

No Duplicates.

Comment 110 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Chris

Last Name: R

Email Address: chrock8@gmail.com

Affiliation:

Subject: Please use sense!

Comment:

Please protect the integrity of California's forests by: a) eliminating from the offset program clearcutting of our forests as a way of sequestering carbon; b) adding provisions to assure that forest projects that result in the conversion of naturally managed (uneven aged forests) into clearcut plantations (even aged forests).

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 18:18:37

No Duplicates.

Comment 111 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Steven
Last Name: Kelly
Email Address: steven@iepa.com
Affiliation: Independent Energy Producers Association

Subject: Proposed Regulations to Implement the California Cap-and-Trade Program
Comment:

Please see attached the Comments of the Independent Energy Producers Association on CARB's Proposed Regulation to Implement the California Cap-and-Trade Program.

If the comments do not reach you, please contact the following person:

Steven Kelly
Policy Director
IEP
916-448-9499
steven@iepa.com

thanks.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/123-
iep_comments_on_carb_proposed_ct_regulation_--_final_12-1-10.doc'

Original File Name: IEP Comments on CARB Proposed CT Regulation -- FINAL 12-1-10.DOC

Date and Time Comment Was Submitted: 2010-12-01 18:46:24

No Duplicates.

Comment 112 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Barbara
Last Name: Kennedy
Email Address: bkenn202@asis.com
Affiliation:

Subject: No Clearcutting as A Carbon Offset-That's Crazy!
Comment:

We cannot and should not try to CLEARCUT OUR WAY OUT OF CLIMATE CHANGE

Including clearcutting in your program calls into question the credibility of the program (particularly for additionality, verifiability and leakage). It will allow the facilities with greatest emissions (cement kilns, power plants and refineries) to avoid reductions by purchasing highly questionable clearcut offsets, subsidizing the most aggressive and intrusive forest harvest techniques.

California's working timberlands are also important for the ecological services they provide, not only for nature, habitat and wildlife, but for people too. Our forests are the lungs of the earth that purify our air. Our forests control sedimentation and temperature of the waters we drink, and on which our salmon depend for reproduction. Even aged, clearcut forests are less resilient, more prone to fire and disease, and provide less diversity of habitat for the species on which nature and Californians depend.

Not all offsets are created equal. This is a novel program and the accounting issues are complicated. We should adopt only programs that will most reliably assure actual sequestration and avoid those that ignore carbon impacts of entire components of the activity seeking to be called an "offset" such as clearcuts. We should particularly avoid subsidizing clearcuts because they are extremely difficult to assure additionality, and they also pose big environmental risks.

Conclusion: Protect the integrity of the climate program and resiliency of California's forests by: a) eliminating from the offset program clearcutting of our forests as a way of sequestering carbon; b) adding provisions to assure that forest projects DO NOT result in the conversion of naturally managed (uneven aged forests) into clearcut plantations (even aged forests).

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 19:04:00

No Duplicates.

Comment 113 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Norman

Last Name: Pedersen

Email Address: npedersen@hanmor.com

Affiliation: Southern California Public Power Authori

Subject: Southern California Public Power Authority Comment on Proposed Regulation
Comment:

Southern California Public Power Authority Comment on Proposed
Regulation: California Cap on Greenhouse Gas Emissions and
Market-Based Compliance Mechanisms

Attachment: 'www.arb.ca.gov/lists/capandtrade10/125-
300226001lmm12011002_cap_and_trade_comment_final.pdf'

Original File Name: 300226001lmm12011002 cap and trade comment FINAL.pdf

Date and Time Comment Was Submitted: 2010-12-01 19:56:19

No Duplicates.

Comment 114 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Lynn

Last Name: Harper

Email Address: equilynn@att.net

Affiliation:

Subject: CARB Cap & Trade 10

Comment:

It's not about climate change...it's about Government control, more regulation and destruction of our economy (redistribution of wealth). Come on CARB...get a brain!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 21:35:55

No Duplicates.

Comment 115 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Dan

Last Name: Powell

Email Address: danlpwl@yahoo.com

Affiliation:

Subject: Cap and trade

Comment:

As a Californian I am adamantly against 'cap and trade'. It will put small farmers out of business and raise gas prices and unemployment.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-01 22:27:31

No Duplicates.

Comment 116 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Janet

Last Name: Camprini

Email Address: camprini1@sbcglobal.net

Affiliation: Tea Party Independent

Subject: Cap and Trade and Radio restriction

Comment:

We cannot afford Cap and Trade. Support local small business and home owners. I am very worried about the direction this state and country are going. Freedom of Speech for conservative radio! My mother, a liberal, said before she died, "This is not a "recession", it is another "Great Depression". She lived through the previous one. No citizenship for babies of illegals! They are bankrupting our state!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-02 07:37:16

No Duplicates.

Comment 117 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Darryl

Last Name: Mueller

Email Address: dmc@darrylmueeller.com

Affiliation:

Subject: Cap & Trade AB-32

Comment:

Please Suspend AB-32. There is NO global warming & this will wreck our State. Other States have reconsidered and stopped! California should do like wise!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-02 08:20:37

No Duplicates.

Comment 118 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Joe

Last Name: Dungan

Email Address: isleofjoe@hotmail.com

Affiliation:

Subject: do the right thing on AB 32

Comment:

With regards for your plan on AB 32, please honor the California voters' wishes (we shot down Proposition 23 by a wide margin) and keep AB 32 robust by not giving away allowances to polluters.

More broadly, I speak for the vast majority of Americans who are sick to death of corporate giveaways. My discontent has grown so much that I have decided to take a more active role in monitoring them. If you do not take a stand and do the right thing on behalf of the people of this state -- a state whose air and water YOU consume too, in case you've forgotten -- you will hear from our growing legions again.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-02 08:24:40

No Duplicates.

Comment 119 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Doug
Last Name: Pinga
Email Address: dougpinga@earthlink.net
Affiliation:

Subject: The Forest Carbon Offset Program Should Not Encourage Forest Clearcutting
Comment:

The Honorable Mary Nichols, Chair
California Air Resources Board

RE: The Forest Carbon Offset Program Should Not Encourage Forest Clearcutting

Dear Ms. Nichols and members of the California Air Resources Board:

I am writing to urge the California Air Resources Board (ARB) to amend the proposed cap-and-trade rule to exclude forest clearcutting from the carbon offset program, in order to protect forests and the wildlife that rely on them. I implore you not to make forest clearcutting the face of AB 32. California cannot and should not try to clearcut our way out of climate change.

ARB's proposed cap-and-trade rule currently not only explicitly invites forest clearcutting as a carbon offset project, but also incentivizes the conversion of natural forests into tree farms. This is no solution to climate change, and further threatens forest ecosystems and wildlife already at risk from global warming.

Forest clearcutting and the conversion of native forests to tree plantations pose great risk to the climate, while simultaneously degrading forest ecosystems, water quality, and wildlife habitat, and impairing the forest's resilience to the impacts of climate change.

In its current form, the forest protocol lacks credibility because it would subsidize the most intensive and environmentally risky timber operations in order to provide carbon offsets that would allow power plants, oil refineries, and industrial polluters to avoid upgrading their facilities to adopt less polluting technologies. At the same time, the forest protocol fails to account for greenhouse gas emissions associated with logging slash and debris, dead trees, roots and soil, all of which are much greater for forest clearcutting than for native forest management. This is no gold standard.

Not all offsets are created equal. ARB should consider only programs that can reliably assure carbon sequestration and avoid those that introduce additional environmental risks. We can not clearcut our way out of climate change. Rather than promoting the conversion of native forests to a patchwork of 40 acre clearcuts, California should use this opportunity to incentivize the best

kinds and "green" forms of forest management, which can benefit both the climate and the forest.

The forest protocol offers many other options that meet these criteria: reforestation projects; preventing the conversion of forests to development; and the conservation of forest resources.

For all these reasons, I urge the Air Resources Board to uphold the vision and initial intentions of the forest carbon program and AB 32, by amending the forest protocol to protect forest ecosystems and resources.

1) First and foremost, do not include forest clearcutting as part of the California's cap-and-trade offset program.

2) In addition, the forest protocol should not be part of the proposed cap-and-trade rule unless, at the minimum, the following critical amendments are adopted:

a. A Forest Project may not include conversion of native forest stands comprised of multiple ages or mixed native species to even-age or monoculture management, and may not include even-age management of any stand that had been converted to even-age or monoculture management in the harvest cycle preceding the registration of the Forest Project.

b. Forest carbon offset projects must account for changes in down and dead wood and soil carbon pools. Forest Projects that include timber harvesting are required to account for changes in the following forest carbon pools: lying dead wood, and soil carbon.

Healthy forests are a critical component of California's environment, economy, and quality of life, providing jobs and recreational opportunities, wildlife habitat, clean air and clean water. Healthy and resilient forests are also an important component of California's effort to reduce statewide greenhouse gas emissions, and ARB should consider only programs that can both reliably assure the value of carbon offset projects and protect forest from additional environmental risks.

The failure to fully account for the carbon consequences of harvest practices poses risks to the integrity of the entire program and increases the potential for unintended impacts to our forests.

I urge you to make these crucial amendments in order to ensure that California's cap-and-trade rule does not subsidize environmentally damaging forest management activities or the conversion of natural forests into tree farms.

Sincerely,

Doug Pinga
San Francisco, CA

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-02 08:44:13

8 Duplicates.

Comment 120 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: judi
Last Name: goglia
Email Address: jmgoglia@comcast.net
Affiliation:

Subject: Cap & Trade / clear cutting
Comment:

It is ridiculous to include clear cutting as an offset; destroying our forests is not the way to cut carbon emissions. Your proposal does not adequately consider all the effects of clearcutting and makes your whole program subject to valid criticism and doubts. California's forests are also important for the ecological services they provide, not only for nature, habitat and wildlife, but for people too. Our forests are the lungs of the earth that purify our air. Our forests control sedimentation and temperature of the waters we drink, and on which our salmon depend for reproduction. Even aged, clearcut forests are less resilient, more prone to fire and disease, and provide less diversity of habitat for the species on which nature and Californians depend. Clearcutting should be outlawed. Certainly, your regulations should encourage select harvesting of forests rather than clearcutting. No offsets for clearcutting.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-02 08:56:06

No Duplicates.

Comment 121 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Virginia
Last Name: Phelps
Email Address: ednva@frontiernet.net
Affiliation:

Subject: Forest Carbon Offset Program
Comment:

The Honorable Mary Nichols, Chair
California Air Resources Board

Ms. Nichols and members of the CA Air Resources Board:

Please add my name to all those concerned with the long term effects of clear cutting. Millions and millions of acres of forest land in California, Oregon and Washington have already been changed to timber harvesting operations. The impacts of these changes will have consequences for the health of us all. Over the years the Board has taken courageous and beneficial action on behalf of the air quality of California. I hope you will be equally conscientious on behalf of our forests' ability to deal with ecosystems, water quality, wildlife habitat, and climate change.

Sincerely,

Virginia Phelps

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-02 09:26:27

No Duplicates.

Comment 122 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ross

Last Name: May

Email Address: may@svminerals.com

Affiliation: Searles Valley Minerals

Subject: Cap and Trade Regulation Comments

Comment:

Please see attached file with comments on the proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/136-svm_regulation_comments.pdf'

Original File Name: SVM Regulation Comments.pdf

Date and Time Comment Was Submitted: 2010-12-02 09:34:21

No Duplicates.

Comment 123 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Michael

Last Name: Bailey

Email Address: mbeiley1@gmail.com

Affiliation:

Subject: sequestering carbon by offsets with clearcutting

Comment:

Please eliminate from the offset program, the ability of forest companies to clearcut the forests to sequester carbon and add provisions to the offset program which assure that forest projects result in naturally managed,uneven aged forests. Thank you

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-02 12:10:25

No Duplicates.

Comment 124 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: SHIRLEY

Last Name: SCHRANK

Email Address: shirley_schrank@comcast.net

Affiliation:

Subject: cap & trade

Comment:

THIS IS A TAX IMPOSED BY A GROUP INSTEAD OF CONGRESS & THUS, IT IS ILLEGAL. WE HAVE TOO MANY TAXES AS IT IS. THE PRESIDENT IS FINDING A WAY TO GET MORE MONEY OUT OF US CITIZENS THRU THE EPA OR ENVIRONMENTAL PROTECTION AGENCY. IT IS BASED ON LACK OF SCIENCE AND A HYPOTHESIS WITHOUT BEING PROVEN. THEREFORE, IT IS UNINTELLIGENT AND UNNECESSARY. THERE IS NOT ENOUGH PROOF TO BE ABLE TO DO THIS TAXATION WITHOUT REPRESENTATION. I THINK THAT IS WHY IT IS BEING PUSHED THRU OR ATTEMPTING TO BE PUSHED THRU WITHOUT DISCUSSION OR VOTING IN CONGRESS. WE THE PEOPLE ARE IN CHARGE, NOT THE GOVERNMENT OR ITS COMMITTEES OR COMMISSIONS.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-02 12:50:56

No Duplicates.

Comment 125 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jack

Last Name: Weir

Email Address: jweir39@aol.com

Affiliation: Pleasant Hill Taxpayers Association

Subject: CAP & TRADE

Comment:

This and other pseudo-environmental regulations will only hinder our state's economic recovery, and will impose even more draconian measures on our families, farms and businesses. This is hardly the time to discourage jobs and employment prospects.

The notion of a "green" economy is based on assumptions that do not stand up to objective analysis.

Winter is here. I urge the Air Quality Board to make like a bear, and go into hibernation.

Enough is enough.

Jack Weir

Pleasant Hill Taxpayers Association

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-02 12:52:45

No Duplicates.

Comment 126 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Tom

Last Name: Luekens

Email Address: extras4tom@mac.com

Affiliation:

Subject: Now is not the time for CARB to Cap

Comment:

At a time when our state is billions in the red, and the national economy is reeling from record unemployment, California can ill-afford to enact any regulations which will cause prices to rise and employment to fall. Now is not the time for any cap on "greenhouse gases" or any regulation such as those. Let's let California heal it's economy first, then we can discuss these regulations from a position of economic strength.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-02 14:37:12

No Duplicates.

Comment 127 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Chris

Last Name: Cole

Email Address: ccole62@yahoo.com

Affiliation:

Subject: Against Cap on Greenhouse Gas Emissions

Comment:

I am a San Ramon, CA resident and absolutely opposed to this nonsense. Please represent the people of the State, or I will go the way of the Brown Bear in California.

Sincerely,
Chris Cole

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-02 15:28:45

No Duplicates.

Comment 128 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: karen

Last Name: zimmerman

Email Address: kzimmerman13@gmail.com

Affiliation:

Subject: I want stronger implementation!

Comment:

Dear Sirs/Madams:

The current cap and trade rules were drafted prior to the resounding NO vote on Prop 23 - and NO on 23 received more votes than anything else on the California ballot. You should take this as a mandate from the people of the state for the strongest possible climate action and program implementation under AB 32.

The massive giveaway of pollution allowances weakens the impact of our climate action, and should be reduced. The industries involved in these giveaways have profited from polluting for far too long, and these "gifts" will only allow them to continue to do so. Instead, they should be encouraged to seek emissions reductions.

Please, seize this opportunity to strengthen the rules the achieve the strongest possible implementation of our climate law.

Sincerely,

Karen Zimmerman
Alameda, CA

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-02 15:42:30

No Duplicates.

Comment 129 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John

Last Name: Heyn

Email Address: gohiney1@aol.com

Affiliation:

Subject: Greenhouse gas emissions cap

Comment:

Gentlemen,

Although California, due to its topography and population is challenged by greenhouse gases, it is definitely NOT time to enact this legislature with the state of the economy in California and the US. Please put this on hold until California is well on its way to economic recovery. Enactment of this legislature will only hurt California more in the long run than help.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-02 16:02:36

No Duplicates.

Comment 130 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John

Last Name: Busterud

Email Address: jwbb@pge.com

Affiliation: Pacific Gas and Electric Company

Subject: PG&E's Comments on ARB's October 28, 2010 Proposed Regulation

Comment:

Attached are Pacific Gas and Electric Company's Comments on the Air Resources Board's October 28, 2010 Proposed Regulation to Implement the Cap-and-Trade Program Under AB 32 in PDF format.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/145-clean_00108649.pdf'

Original File Name: clean_00108649.pdf

Date and Time Comment Was Submitted: 2010-12-02 15:20:18

No Duplicates.

Comment 131 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Lynn

Last Name: Raadik

Email Address: Lraadik@sbcglobal.net

Affiliation: Republican

Subject: STOP California Cap and Trade scheme

Comment:

California farmers do NOT need,nor does the State of California need a Cap and Trade program. Please stop this attempt to further Bankrupt our state.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-02 16:35:41

No Duplicates.

Comment 132 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Steve

Last Name: Lamphere

Email Address: steveo7836@aol.com

Affiliation:

Subject: Cap & Trade

Comment:

I can't believe you would go through with this. Haven't you liberal politicians done enough to ruin this state already? There is no hope in sight when a bunch of liberals with no business experience control this state, along with the unions. Enough is enough!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-02 16:59:01

No Duplicates.

Comment 133 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Aaron

Last Name: Crew

Email Address: aaroncrew@gmail.com

Affiliation:

Subject: Cap and trade

Comment:

I am a 22 year old beginning farmer, living in the Sierra Foothills. I believe in clean air; I always try to minimize my use of fossil fuels, and my farming practices sequester carbon dioxide by building organic matter in the soil.

However, the cap and trade rules being considered are not a practical solution to emissions, in my opinion. These rules would just add to the burdens on California's small businesses, in particular farmers who are the backbone of local economies. Some of the highest unemployment rates are in California's rural areas. Please consider this. Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-02 18:26:21

No Duplicates.

Comment 134 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John
Last Name: Kramer
Email Address: jkramer@gmail.com
Affiliation: Citizen

Subject: No Cap and Trade Benefits for Clear-cutting, please.
Comment:

Inclusion of forest clear-cutting in the cap and trade program makes no sense because it encourages multi-fronted environmental damage with far more potential climate damage than any sequestration gains from resulting lumber products. Clear-cutting is a systemically destructive process opening the landscape to erosional damage. The resulting even-aged monoculture tree plantations are more vulnerable to population collapse than forests of diverse age and species. Deforestation is the precursor to worsening climate change, (e.g. Easter Island, Middle East, etc.). Healthy (uneven aged) forests are natural buffers against desertification, modulating humidity, consuming CO₂, and stabilizing soil carbon (a huge unmeasured reservoir). It takes many many decades for a tree plantation to reach the three dimensional carbon density of leaf mass in a mature uneven-aged forest. Though lumber companies may claim that sequestration of carbon in lumber products is most efficiently handled by clear cutting, their claims are self serving. Lumber from judicious mature tree harvesting provides enough offsetting benefit for lumber harvesters. There is no need to encourage clear cutting with its poorly understood environmental liabilities. This cap and trade program should not be encourage smokestack industries to pay for raping our landscape.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-02 18:37:54

No Duplicates.

Comment 135 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Gary

Last Name: Eastman

Email Address: geast37384@aol.com

Affiliation:

Subject: I see no need for this harmful legislation

Comment:

I have read enough to understand that the science behind greenhouse gas or carbon emissions is faulty at best and phoney at worst.

You, as a board, must realize that there are many of us who will remember your actions as actions of arrogant elitists. The science is not there for you to consider this harmful protocol.

Don't destroy California for your political agenda. I am a Californian just like you. Why do you wish to harm our great state with this agenda?

Please take this off the table.

Gary Eastman

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-02 19:57:11

No Duplicates.

Comment 136 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John
Last Name: Soderling
Email Address: bighealey@astound.net
Affiliation: Californian

Subject: Proposed CA Greenhouse gas Emmissions Cap & trade
Comment:

ARB Board Members;
The proposed Adoption of CA Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulations will be the final straw that brakes the back of California's agricultural and business economy! The people of this state do not want this regulation. Please, please do not adopt it.
Sincerely,
John Soderling
Walnut Creek, CA

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-02 20:24:11

No Duplicates.

Comment 137 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Dan

Last Name: Western

Email Address: dlwestern31@yahoo.com

Affiliation: none

Subject: Ca. Cap on Greenhouse Gas -----

Comment:

I am opposed to the adoption of this proposal. This is nothing more than a scheme to make money for someone at the expense of the people of Ca.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-02 21:51:37

No Duplicates.

Comment 138 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Rhoda

Last Name: Nussbaum

Email Address: rhoda.nussbaum@gmail.com

Affiliation: Ebbets Pass Forest Watch

Subject: Clear Cutting Forests does not help climate change

Comment:

Systemic analysis of environmental impacts of green house gases show that if you connect the dots, clear cutting does not have a positive impact on the health of our planet, our state, our lives. Cap and Trade schemes should not allow clear cutting to be considered a sequestration opportunity. Clear cutting with the resultant plantation replantation harms our water supply, our wildlife diversity and is an insult to the integrity of our remaining forests.

The science is affected by the interests of for profit timber outfits, just as drug research sponsored by drug manufacturers will more likely be designed to find benefit from the tested drug.

Dr. Rhoda Nussbaum

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-03 03:43:14

No Duplicates.

Comment 139 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Michael
Last Name: Friedenber
Email Address: mf@eHomeSonoma.com
Affiliation:

Subject: Cap & Trade Regulations
Comment:

Dear CARB,

This regulation will help California create a model that must really meet our goals.

I am particularly concerned about the electrical power sector. Ratepayers must be protected by returning allowance value directly to residential customers as a rebate check. This follows your expert economic panel's recommendation that "The largest share (roughly 75%) of allowance value should be returned to California households..." in the form of a dividend check. This also incentivizes conservation on the broadest level.

I support a permit price floor starting at \$10/ton.

In the transportation fuels sector, I support the upstream point of regulation and auctioning 100% of permits.

I see no reason for the free allocations in the industrial sector. They are excessive and should be reduced.

Sincerely,

Michael Friedenber
Santa Rosa, CA

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-03 07:16:06

No Duplicates.

Comment 140 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Chuck

Last Name: Esserman

Email Address: cesserma@tsgconsumer.com

Affiliation:

Subject: Carbon credits for Deforestation

Comment:

Rewarding deforestation is not even common sense. This needs to be
DELETED from the legislation.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-03 08:02:04

No Duplicates.

Comment 141 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Tracey

Last Name: Wright

Email Address: traceywright2@gmail.com

Affiliation:

Subject: Proposed CA Cap on GGE

Comment:

Please do not make it harder and more expensive to obtain locally grown food by passing more regulations on our food producers and processors. Food prices are already climbing and our economy will suffer. Jobs in agriculture have taken such a hit in the past couple years. Use your committee to help CA maintain the good standards we already have in place to keep it clean AND productive!
Thank you

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-03 08:15:14

No Duplicates.

Comment 142 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ralph
Last Name: Smith
Email Address: ralph6648@yahoo.com
Affiliation:

Subject: Cap and Trade
Comment:

With the economy in recession, and getting worse, it is not the time to be pushing or instituting new programs on the public which will cost money and jobs. To do anything that would cause hurt to the economy would be irresponsible at this time. Please do not start any additional new programs, and do not adopt this Cap and Trade regulation.

Respectfully,
Ralph D Smith

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-03 08:35:16

No Duplicates.

Comment 143 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Bill

Last Name: French

Email Address: siogeek@gmail.com

Affiliation:

Subject: Cap and Trade

Comment:

In one of the worst economic periods in our history you plan on enforcing rules and regulations hinder business grown and economic recovery. It seems like an inappropriate time to implement anything MORE that will harm business in this state. Business is the only thing that can save this states economic problems and we should be helping them do that not hindering them.

Please slow down that train you are on and lets work to save the state before we try to save the world.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-03 10:11:47

No Duplicates.

Comment 144 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Anthony

Last Name: Garvin

Email Address: anthony.garvin@ucop.edu

Affiliation: University of California

Subject: University of California comments on GHG cap-and-trade

Comment:

Attached are the University of California's comments on the Air Resources Board's 10/28/2010 Proposed Regulation to Implement the Cap-and-Trade Program Under AB 32.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/160-uc_comments_re_ghg_cap_and_trade.pdf'

Original File Name: UC Comments re GHG cap and trade.pdf

Date and Time Comment Was Submitted: 2010-12-03 17:19:48

No Duplicates.

Comment 145 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Michelle

Last Name: Ricker

Email Address: polyaggie@yahoo.com

Affiliation:

Subject: Mission Statement

Comment:

As a voter, taxpayer, and citizen of the state of California, I am concerned for the direction our state is headed. One hundred forty-four companies are leaving California for states that are more business-friendly. Not the least of their reasons are the onerous regulations put in place in the name of protecting the environment. These regulations have been put into effect, with little science and a lot of propaganda. This, in addition to some revelations made this past fall, have given me some serious doubts as to the objectivity of your agency.

In October, the San Francisco Chronicle reported that CARB overestimated air pollution by 340%, NOx by a factor of 4.5, and particulate matter by a factor of 3.1. As an engineer, I can see that these are GLARING errors. These miscalculations should have been caught during a proper peer review. Unfortunately, many people in a position to review such research are loathe to scrutinize any reports that fit their own worldview. This is not science.

Perhaps not so coincidentally, the problems with CARB's research and the resulting report were overlooked prior to the vote on AB32.

Whatever happened to "recognizing and considering the effects on the economy of the state"? This is straight from your agency's mission statement and is part of your mandate. While I recognize that you are not a body of elected officials you are still accountable to us, the people. We pay our taxes and the fees imposed by your agency, which allows your existence. Perhaps we need to cut off the cash flow? Businesses and individuals leaving California are doing just that.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-03 16:55:35

No Duplicates.

Comment 146 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Pablo

Last Name: Pappano

Email Address: pcpappano24@aol.com

Affiliation:

Subject: Cap on Greenhouse Gas Emission aka Job Killer!!!

Comment:

I really think it is irresponsible for you to impose or consider imposing energy taxes when California has one of the highest unemployment rates in the nation. If you are able to pass cap and trade we will go to number one and there will not be any companies in California who will invest in green technology.

California is already to restrictive to business you need to stop talking about ways to kill our economy: you're emitting a lot of CO2 so please save us some money and dissolve the board.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-03 19:14:55

No Duplicates.

Comment 147 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Hannah

Last Name: Levy

Email Address: hannahlevy@umail.ucsb.edu

Affiliation:

Subject: cannot clearcut our way out of climate change

Comment:

protect the integrity of the climate program and resiliency of California's forests by eliminating clearcutting of our forests as a way of sequestering carbon and adding provisions to assure that forest projects do NOT result in the conversion of naturally managed (uneven aged forests) into clearcut plantations (even aged forests)!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-04 01:14:44

No Duplicates.

Comment 148 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Leanne

Last Name: Gardner

Email Address: sonbather33@sbcglobal.net

Affiliation:

Subject: cap and trade

Comment:

You can not possibly think this is going to be goodfor California. Farming is our #1 income producer and you will effectivly shut them down. There is no magic person that will make up the increased cost. With unemployment, people are already doing without. It will be double taxation. Vote NO on cap and trade.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-04 01:29:27

No Duplicates.

Comment 149 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: sharon

Last Name: kaiser

Email Address: mellowreddove@yahoo.com

Affiliation:

Subject: Greenhouse Gas

Comment:

We have to stop energy production that creates greenhouse gases now
and put our efforts into alternative energy production sources.

You can be a leader in this.

We all can benefit or will suffer by your decisions.

Thank you.

Sharon Kaiser

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-04 10:24:24

No Duplicates.

Comment 150 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jamie

Last Name: Stoneman

Email Address: jamiestoneman@roadrunner.com

Affiliation:

Subject: Dangers of clear-cutting forests

Comment:

Capping greenhouse gas emissions is a great thing to try to do but clear-cut forests create grave problems, like diminished biodiversity, soil erosion, and greater susceptibility to fire and disease. Forests are intrinsic to clean air. It would be unwise to allow clear-cutting with the intention of capping greenhouse gasses.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-04 11:01:46

No Duplicates.

Comment 151 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Clare
Last Name: Breidenich
Email Address: clare@wptf.org
Affiliation: Western Power Trading Forum

Subject: PRO for Cap and Trade Program
Comment:

Attached please find comments of the Western Power Trading Forum to the Air Resources Board on the Proposed Regulation Order for the California Cap and Trade Program.

Thank you,
Clare Breidenich
WPTF GHG Consultant
1.206.697.4946

Attachment: 'www.arb.ca.gov/lists/capandtrade10/168-12-3-10_wptf_to_arb_on_cap___trade_pro.pdf'

Original File Name: 12-3-10 WPTF to ARB on cap & trade PRO.pdf

Date and Time Comment Was Submitted: 2010-12-04 11:22:15

No Duplicates.

Comment 152 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Patrick

Last Name: Dullea

Email Address: pdullea@email.com

Affiliation:

Subject: AB 32 global warming HOAX

Comment:

Go full force, on AB 32 so taxpayers and voters will know once and for all what total lunatics and idiots you guys are. When voters are hit with punitive energy costs they will know who to get rid of next voting opportunity. The carbon-CON is on and we all know it. Your eco-KOOK agenda is out of the bag. We know it's all a hoax and no repetitious showing of Al Gores BS slide film, which is all based on fraudulent assertions and rigged computer models, will convince rational thinking public. I look forward to the public outrage your reckless carbon-CON will bring about. It will cause a complete house cleaning of the incompetent california legislature. Bring it on. The carbon-CON.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-04 18:23:43

No Duplicates.

Comment 153 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ortrud

Last Name: Witt

Email Address: oswitt49@yahoo.com

Affiliation:

Subject: capandtrade10

Comment:

This false science and bunk has no place in the real world. Do not even waste time discussing this political farce and false science. The fact that so many young people have been dumbed down to believe this garbage is a crime. Strongly suggest this be dumped on the garbage heap where it belongs.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-04 22:11:37

No Duplicates.

Comment 154 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Lew

Last Name: Douglas

Email Address: lpdouglas@gmail.com

Affiliation:

Subject: Regulations for Cap and Trade

Comment:

Including clearcutting in your program calls into question the credibility of the program (particularly for additionality, verifiability and leakage). It will allow the facilities with greatest emissions (cement kilns, power plants and refineries) to avoid reductions by purchasing highly questionable clearcut offsets, subsidizing the most aggressive and intrusive forest harvest techniques. Even aged, clearcut forests are less resilient, more prone to fire and disease, and provide less diversity of habitat for the species on which nature and Californians depend.

Not all offsets are created equal. This is a novel program and the accounting issues are complicated. We should adopt only programs that will most reliably assure actual sequestration and avoid those that ignore carbon impacts of entire components of the activity seeking to be called an "offset" such as clearcuts. We should particularly avoid subsidizing clearcuts because they are extremely difficult to assure additionality, and they also pose big environmental risks.

Please protect the integrity of the climate program and resiliency of California's forests by: a) eliminating from the offset program clearcutting of our forests as a way of sequestering carbon; b) adding provisions to assure that forest projects that result in the conversion of naturally managed (uneven aged forests) into clearcut plantations (even aged forests).

Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-05 17:28:43

10 Duplicates.

Comment 155 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Hannah

Last Name: Mellman

Email Address: mellman@ieta.org

Affiliation:

Subject: IETA comments on CARB cap-and-trade program rules

Comment:

The following letter provides IETA's comments regarding CARB's proposed cap-and-trade program rules.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/174-ieta_comments_on_carb_cap-and-trade_program_rules_6_december_2010.pdf'

Original File Name: IETA comments on CARB cap-and-trade program rules 6 December 2010.pdf

Date and Time Comment Was Submitted: 2010-12-06 09:36:07

No Duplicates.

Comment 156 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Veronica
Last Name: McCarthy
Email Address: jenseda@comcast.net
Affiliation:

Subject: Cap & Trade Comments
Comment:

Dear CARB,

I do not want implementation of a CA cap and trade system. There is no environmental benefit for such localized action, and the program will increase food and energy costs. This is a waste of taxpayer money!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-06 10:13:54

No Duplicates.

Comment 157 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Wiliam

Last Name: Luce

Email Address: willuce@comcast.net

Affiliation:

Subject: Cap on Greenhouse Gas Emissions

Comment:

The proposed Adoption of CA Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulations will further jeopardize the already failing California's agricultural and business economy! The people of this state do not want this regulation. Please do not adopt it.
Sincerely,

Wil Luce

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-06 12:26:52

No Duplicates.

Comment 158 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ann

Last Name: Hancock

Email Address: ann@climateprotectioncampaign.org

Affiliation: Climate Protection Campaign

Subject: Comments on Proposed Cap and Trade Regulations

Comment:

Date: December 6, 2010

To: California Air Resources Board

From: Climate Protection Campaign

Re: Proposed Cap and Trade Regulations

The Climate Protection Campaign (CPC) has participated in the discussion of cap and trade in California for several years now through the Market Advisory Committee, the Scoping Plan, and more recently with the Economic and Allocations Advisory Committee (EAAC).

CPC has consistently submitted comments calling for the following design elements in a capped system:

- An upstream system
- 100% auction of permits
- Compensating consumers with a dividend
- Carbon fees to fund important programs
- A price floor on allowances

We commend CARB staff for including a price floor of \$10/ton into the proposed regulation. We support the transportation fuels sector's upstream point of regulation and auctions close to 100% of permits. We note that consumer compensation is recognized in the language for use of allowance value, and that utilities are required to protect ratepayers.

The proposed Cap & Trade regulation creates different rules for the industrial, transportation and utility sectors. We are disappointed by the amount of free allowances given to the industrial sector emitters, and by the delayed move towards auctioning. We are concerned that the utility sector will not return the allowance value to ratepayers in the most direct way.

We urge CARB to ensure that the five recommendations in bold above are fully implemented in the final regulation.

The discourse is much more advanced now than it was in 2006. After several years of studying this subject, staff is now well-versed in the concepts of free allocation and auctioning, and use of allowance value. CARB has had time to learn the lessons from the EU ETS, and to hear from dozens of experts. We believe that the recommendations described below will make for an effective and

smooth implementation of AB 32 that is equitable for all Californians.

Reduce free allocations to industrial sector emitters

We agree with other groups such as the Union of Concerned Scientists that 100 percent free allocation to 1st tier industrial emitters is excessive. We urge CARB to reduce the free allocations to the minimum amount suggested by the EAAC. The Regulation should also include monitoring procedures and an adaptive management process to assess the impact of free allocation on industries and leakage over time. Another option would be to tax the resulting windfall profits so that a portion of that allowance value is recaptured and can be used for public purposes. Industry-specific benchmarks encourage manufacturers using current technologies to add some moderate efficiencies to their processes, but may disadvantage out-of-the-box innovators that produce carbon negative cement products (for example, Calera, Inc.) and shield current technologies which would otherwise become less economical due to the carbon price.

Utility sector should send rebate checks to residential customers

For the utility sector, CARB has proposed a combination of free allowance giveaways and (secondary) auctions. The allowances are given for free to utilities that deliver electricity. Investor-owned utilities would sell the allowances to the generators when they buy electricity from them. Publicly-owned utilities that produce their own generation would need the allowances themselves. After the allowances are "monetized," the utilities are to use the billions of dollars in allowance value "to reduce the costs of AB 32 policies on their ratepayers," for "ratepayer benefit" (section 95892) and "for protection of electricity customers and for other AB 32 purposes." In the final regulation, CARB must provide a more specific definition of "ratepayer benefit" to utilities.

CARB wants the utilities to pass along the subsidy to consumers in a way that encourages conservation. The EAAC report did a great job explaining the flaws in the PUC/CEC recommendation to allocate to utilities. The EAAC recognized that providing a rebate through utilities (showing up only as a line item on electricity bills) shields consumers from the price signal and discourages changed behavior. Separating the return of money from the utility bill is critical for sending any price signal at all to residential customers. There is no environmental benefit from keeping people's utility bills low.

We support the proposed regulation's inclusion of consumer refunds as a use of allowance value. We believe the most direct approach to this is a "lump-sum transfer" which could be implemented through a dividend check. The customer would still receive the carbon price signal on their utility bill, but would receive a rebate check to help buffer them from the regressive impact of increased electricity prices.

Dividends: Not just another use of allowance value, but rather a structural foundation for the entire program

The EAAC was clear that dividends should be a majority use of allowance value, not just another use of allowance value comparable

to any other. Dividend checks to every California household do help with the costs that will be passed down to consumers (i.e. Cap & Dividend).¹ But they also recognize the shared ownership of the commons, and that the first priority is to return the value of this commons back to the people.

AB 32 requires that the regulations that your board approves "ensure low-income communities are not disproportionately impacted." Without a dividend or rebate low and middle income citizens will be disproportionately impacted by increased energy prices creating an economic and political obstacle for the smooth implementation of the law.

If dividends are included in the first compliance period, they may be used as a feature to sell the program to the public up front.

The proposed regulation requires the collected revenues from the auction of transportation sector allowances be used for public purposes. There are many possible uses of auction revenue: government programs and investments, a Community Benefits Fund, and more. We urge CARB to strongly recommend to the governor and legislature to use the funds as the State's Economic and Allocations Committee recommended: 75% dividends and 25% other uses including a Community Benefits Fund. Such an approach would mirror the federal legislation introduced by Senators Cantwell and Collins, the CLEAR Act.²

Offsets and other issues

The current maximum offsets level, 8 percent, is too high. By some calculations, this amount would allow emitters to continue with business as usual emissions levels until 2017. It may be better to run a separate program for uncapped sectors which is not linked to the permits market. More information on the "supplementary reductions concept" may be found in the Cantwell-Collins CLEAR Act, available at U.S. Senator Maria Cantwell's website.

Thank you for your hard work, and for making California a global bright spot for climate action.

Sincerely,

Ann Hancock
Executive Director

1. www.capanddividend.org
2. <http://cantwell.senate.gov/issues/CLEARAct.cfm>

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-06 12:56:26

No Duplicates.

Comment 159 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Don
Last Name: Broesamle
Email Address: don@broesco.com
Affiliation: Independent California Business Owner

Subject: Proposed CA Cap on G.G. Es & Market-Based Compliance Mechanisms Regulation, Incl. C.O.Ps.

Comment:

Attn:
Air Resources Board Members

The proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, if adopted, will introduce a crippling and devastating dismantling of California's agricultural and business economy. Already scores of moderate to large size businesses have left the state, and with the adoption of this regulation hundreds more are planning to do likewise. Do not kid yourselves otherwise.

The radical interests that spawned this potentially devastating "plan" have gone to great lengths to obfuscate the real effects of this on our economy to the California population.

For your Board to now adopt this would be for each of you to preside over the onerous imposition of impossibly Draconian standards on scores of thousands of California families and businesses, and the elimination of billions of dollars in much-needed and budget-anticipated revenues for an already near-bankrupt California.

It is NOT a "zero-sum game."

If your goal is to drive California backward to the economic and social status of a third world country, you could not choose a more effective means than the adoption of this regulation.

With functional unemployment in California hovering just below 20%, business owners, the greatest jobs generating engine in the state, implore you, please do not adopt this regulation.

Sincerely,
Don Broesamle
Mount Hermon, CA

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-06 13:43:42

No Duplicates.

Comment 160 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Lily
Last Name: Mitchell
Email Address: l Mitchell@hanmor.com
Affiliation: SCPPA

Subject: SCPPA comments on offsets program
Comment:

The Southern California Public Power Authority submits the attached comments on the offsets program in the cap and trade regulation.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/180-300226001lmm12061001_offsets_comment.pdf'

Original File Name: 300226001lmm12061001 offsets comment.pdf

Date and Time Comment Was Submitted: 2010-12-06 16:22:36

No Duplicates.

Comment 161 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kristin
Last Name: Eberhard
Email Address: keberhard@nrdc.org
Affiliation: NRDC

Subject: NRDC comments on cap-and-trade regulations
Comment:

Please accept the attached comments from NRDC.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/181-2010-12-6_cap_and_trade_comments_nrdc.pdf'

Original File Name: 2010-12-6_Cap and Trade Comments_NRDC.pdf

Date and Time Comment Was Submitted: 2010-12-06 16:22:31

No Duplicates.

Comment 162 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kyle
Last Name: Danish
Email Address: kwd@vnf.com
Affiliation: Coalition for Emission Reduction Project

Subject: Coalition for Emission Reduction Projects on Draft Cap-and-Trade Regulations
Comment:

Attached are the comments on the Coalition for Emission Reduction Projects on the draft cap-and-trade regulations. CERP's comments focus primarily on those provisions related to offsets.

Thank you for your consideration
Kyle Danish
Counsel to CERP

Attachment: 'www.arb.ca.gov/lists/capandtrade10/182-coalition_for_emission_reduction_projects_comments_on_ab32_draft_cap-and-trade_regulations.pdf'

Original File Name: Coalition for Emission Reduction Projects Comments on AB32 Draft Cap-and-Trade Regulations.pdf

Date and Time Comment Was Submitted: 2010-12-06 17:10:02

No Duplicates.

Comment 163 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Marilyn

Last Name: Jasper

Email Address: public-interest@live.com

Affiliation: Public Interest Coalition

Subject: NO Clearcut Credits for Cap & Trade

Comment:

With all the increases in pulmonary diseases, as well as the multitude of other critical and disturbing air quality issues, the Air Resources Board, as one of citizens' first lines of defense, must draw a line in the sand, finally, and at least protect the integrity of California forests--the lungs and filters of our air and water.

We urge the ARB to eliminate clearcutting of any forests from any offset/sequestration programs and recognize such flimflam as the ruse it is.

For "improved forest management practices" to be (miss)used to offset GHG emissions is unacceptable and will result in a shell game that can never be thoroughly monitored. The accounting issues are formidable and, unless curtailed now, will be rendered useless with complicated, multi-layered "schemes."

The largest emitters of greenhouse gases (GHGs) should always be required to REDUCE emissions to the fullest extent possible. The option of "buying credits" might be allowed or considered only as a last resort, only after the "emitter" has demonstrated diligent, valid, and long-term efforts to reduce emissions. Otherwise, the activity or operation must be fully curtailed. Bottom line: "NO credits for clearcuts!"

Thank you for considering our views.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-06 19:14:40

No Duplicates.

Comment 164 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: joshua

Last Name: carrillo

Email Address: cheifgoon26@gotmail.com

Affiliation:

Subject: NO-ab32-NO

Comment:

The hard working souls of AMERICA are already struggling to survive in this economy!!!!NO on ab32!!!!If this continues there will be even more PEOPLE on the streets,MORE PEOPLE in debt, More PEOPLE collecting un-employment, More PEOPLE NOT owning business. Which in turn means, less revenue from the PEOPLE, which in turn means AMERICA in debt(even more than america already is in debt!) Get the idea!!!!NOOO on ab32!!!! It is no longer about "global warming" anymore! I have heard some whoppers in my time but that one tops them all....

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-06 21:44:03

No Duplicates.

Comment 165 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: M

Last Name: Woodward

Email Address: mrshmrsh2@gmail.com

Affiliation:

Subject: Cap and Trade

Comment:

If you want California to keep sliding into the financial abyss,
Cap and Trade is the way to do it. California has been run way too
long by Liberal agendas - Bankrupt is where it has gotten us !

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-06 23:25:36

No Duplicates.

Comment 166 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: David

Last Name: Rubenstein

Email Address: drubenstein@CaliforniaEthanolPower.com

Affiliation:

Subject: Agricultural Carbon Capture and Credit for the Process

Comment:

California Ethanol + Power (CE+P) is in the process of developing a sugarcane and sweet sorghum to energy project in the Imperial Valley.

CE+P intends to plant 40,000 acres of sugarcane that will support the facility. The cane will absorb massive quantities of carbon, much of it being stored in the roots of the cane. After 5 years of production, the cane that is in the ground will be turned and left in the ground. During that 5 year period a large amount of carbon would have been captured and stored.

CE+P believes that some sort of carbon capture should be calculated and credited and that the benefit of that should fall into the Cap & Trade analysis. In the end, growers of the cane can apply those credits as a way to off-set the cost of planting, growing and harvesting the carbon absorbing crop. It would be the same type of plan we see today, when trees are planted and credit is given or when forests are protected from being chopped down and credit is given.

Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-07 07:01:19

No Duplicates.

Comment 167 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: S.

Last Name: T.

Email Address: sastrotter@sbcglobal.net

Affiliation: *

Subject: clearcutting+carboncap&trade

Comment:

NO CARBON CAP & TRADE CREDITS FOR CLEAR CUTTING.

HAVE YOU EVEN LOOKED AT THE RESULTS OF CLEAR CUTTING?

ARE YOU AWARE OF HOW MUCH CARBON IS RELEASED WHEN YOU CUT DOWN A TREE?

ARE YOU AWARE OF HOW MUCH OUR AIR QUALITY DEPENDS UPON TREES AS FILTERS?

WHY WOULD THE AIR RESOURCES BOARD EVEN WASTE TIME CONSIDERING INCLUDING THE DESTRUCTION OF OUR FORESTS FOR CAP & TRADE?

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-07 09:55:35

No Duplicates.

Comment 168 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John

Last Name: McCaull

Email Address: john@geo-energy.org

Affiliation: Geothermal Energy Association

Subject: Comments on Proposed Cap and Trade Regulation Order

Comment:

Please see attached comment letter. Thanks. John McCaull,
Geothermal Energy Association

Attachment: 'www.arb.ca.gov/lists/capandtrade10/190-
gea_comment_letter_on_cap_and_trade_proposed_regulation_order_12-7-10.pdf'

Original File Name: GEA Comment Letter on Cap and Trade Proposed Regulation Order 12-7-10.pdf

Date and Time Comment Was Submitted: 2010-12-07 10:29:35

No Duplicates.

Comment 169 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Mark

Last Name: Fernwood

Email Address: mfernwood@daneng.com

Affiliation:

Subject: Cap & Trade

Comment:

Gentlemen,

I ask that the CARB NOT implement AB 32. California will be greatly harmend economically by so doing. California will push even more business and jobs out of the state.

Mark Fernwood

Danville, CA

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-07 11:27:31

No Duplicates.

Comment 170 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Gary

Last Name: Myers

Email Address: ggarymyers@aol.com

Affiliation:

Subject: public hearing on emissions regulation

Comment:

California must understand that we are NOT an island in both our environmental regulations and our economic situation. By enforcing overly strict environmental regs, we make our state uncompetitive with other states and other countries, and since we share the same environment, our contribution to "clean air" is ineffective to change the air quality of the world. Please do not enforce more strict air quality standards than the rest of the USA.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-07 11:31:31

No Duplicates.

Comment 171 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

This comment was posted then deleted because it was unrelated to the Board item or it was a duplicate.

Comment 172 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John

Last Name: Feins

Email Address: writingwork@mindspring.com

Affiliation:

Subject: Strengthen and approve the cap-and-trade regulations

Comment:

Dec 6, 2010

California Air Resources Board members
1001 I Street
Sacramento, CA 95814

Dear Air Resources Board members,

We urge you to approve California's landmark greenhouse gas cap-and-trade program with two improvements, and to continue California's march toward a clean energy future.

The program is a key piece of the Global Warming Solutions Act (AB 32), providing an essential backstop to ensure we achieve our pollution reduction goals. More than that, approving the program constitutes a critical step in building a clean energy economy here in California.

The one bright spot in California's struggling economy has been clean energy. Passing the Global Warming Solutions Act sent a signal to the world that California is committed to clean energy and will develop the policy infrastructure necessary to achieve our clean energy goals. Today, California attracts more clean-tech investment and clean energy businesses and jobs than the rest of the nation combined.

Approving the cap-and-trade program will drive innovation and investment in the low carbon technologies and services that will be essential in meeting our future energy needs. Those investments will put Californians back to work making our homes and businesses more energy efficient, building and operating new sources of renewable energy, and revamping our means of transportation.

We urge you to make two improvements to the program before approving it:

1. Tighten the regulation language to ensure that auction revenue in the electricity sector is used for cost-effective energy efficiency programs that will reduce emissions while also reducing Californians' energy bills

2. Change the industrial sector benchmark to an industry "best practices" level rather than an industry average performance level in order to incentivize industrial emitters to achieve "best practices" in their industry and become more efficient

We urge you to continue California's historic leadership on clean energy so we can remain at the forefront of the sector that will drive the 21st century economy.

Sincerely,

Mr. John Feins
950 Larrabee St
West Hollywood, CA 90069-3962

Barbara G Abbott

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-07 12:52:34

254 Duplicates.

Comment 173 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Janet

Last Name: Pence

Email Address: billnjanetpence@surewest.net

Affiliation:

Subject: CapnTrade/CA

Comment:

To Whom It May Concern: the state of CA does not need Cap N Trade. What we need is a government that will create jobs not additional taxes or ways to have business leave this state. Additional regulation will drive businesses out of the state. No, No, No on Cap N Trade. Janet Pence

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-07 13:35:45

No Duplicates.

Comment 174 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Karen

Last Name: Coclrn

Email Address: kacinfl@aol.com

Affiliation:

Subject: cap and trade

Comment:

This proposed regulation will drastically raise costs on a myriad of products. The improvement to weather and air quality brought about by this measure are miniscule. It would however "even the business playing field" with products that are made in countries like France that already have this policy. So I wonder if it is a political method of lowering our productivity in the global marketplace. All in all, it is a bad idea for America.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-07 15:30:15

No Duplicates.

Comment 175 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Joanne

Last Name: Drummond

Email Address: Non-web submitted comment

Affiliation:

Subject: Fire Safe Council Nevada County

Comment:

Please see attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/200-joanne.pdf'

Original File Name: Joanne.pdf

Date and Time Comment Was Submitted: 2010-12-07 15:41:31

No Duplicates.

Comment 176 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Brad K.

Last Name: Heisey

Email Address: Non-web submitted comment

Affiliation:

Subject: High Desert Power Project, LLC

Comment:

Please see attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/201-brad.pdf'

Original File Name: brad.pdf

Date and Time Comment Was Submitted: 2010-12-07 15:41:31

No Duplicates.

Comment 177 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Debbie

Last Name: Bulger

Email Address: Non-web submitted comment

Affiliation:

Subject: Clearcutting

Comment:

Please see attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/202-debbie.pdf'

Original File Name: Debbie.pdf

Date and Time Comment Was Submitted: 2010-12-07 15:41:31

No Duplicates.

Comment 178 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kristin
Last Name: Eberhard
Email Address: keberhard@nrdc.org
Affiliation: Coalition

Subject: Coalition Comments on cap and trade
Comment:

Please accept the attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/203-gwac_cap_and_trade_letter_12-7.pdf'

Original File Name: GWAC Cap and Trade letter 12-7.pdf

Date and Time Comment Was Submitted: 2010-12-07 16:46:27

No Duplicates.

Comment 179 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Camille

Last Name: Kustin

Email Address: camille@betterworldgroup.com

Affiliation:

Subject: Support for Voluntary Renewable Set Aside Provisions

Comment:

See the attached letter, re: support for voluntary renewable set
asides.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/204-voluntary_renewable_set_aside_12-7-10.docx'

Original File Name: Voluntary Renewable Set Aside_12-7-10.docx

Date and Time Comment Was Submitted: 2010-12-07 16:50:42

No Duplicates.

Comment 180 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Camille

Last Name: Kustin

Email Address: camille@betterworldgroup.com

Affiliation:

Subject: Public health recommendations for the proposed cap and trade rulemaking

Comment:

Please see the attached letter re: public health recommendations
for the proposed cap and trade rulemaking

Attachment: 'www.arb.ca.gov/lists/capandtrade10/205-public_health_cap_and_trade_letter_12-7-10.pdf'

Original File Name: Public Health Cap and Trade letter_12-7-10.pdf

Date and Time Comment Was Submitted: 2010-12-07 16:54:48

No Duplicates.

Comment 181 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Camille

Last Name: Kustin

Email Address: camille@betterworldgroup.com

Affiliation:

Subject: Recommendation to include transportation biofuels in the cap

Comment:

Please see the attached letter re: Recommendation to require fuel providers to hold allowances to cover the greenhouse gas emissions released as a consequence of the use of transportation biofuels

Attachment: 'www.arb.ca.gov/lists/capandtrade10/206-biofuels_in_cap_12-7-10.pdf'

Original File Name: Biofuels_in_Cap_12-7-10.pdf

Date and Time Comment Was Submitted: 2010-12-07 16:56:59

No Duplicates.

Comment 182 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Michelle

Last Name: Passero

Email Address: mpassero@tnc.org

Affiliation:

Subject: TNC amended comments on cap and trade regulation

Comment:

Please accept The Nature Conservancy's amended comments on the cap and trade program. These comments include recommended specific language regarding use of allowance value.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/207-tnc_commentsfinalcapandtradeamendedfinal.pdf'

Original File Name: TNC_CommentsFinalCapandTradeAmendedFinal.pdf

Date and Time Comment Was Submitted: 2010-12-07 20:27:50

No Duplicates.

Comment 183 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Lawrence

Last Name: Naritelli

Email Address: larry4gov@gmail.com

Affiliation:

Subject: Market Based Compliance Mechanisms

Comment:

The use of this term is completely deceptive and an attempt by the Air Resources Board to engage in duplicity in order to justify their Marxist economic policies. By issuing mandates the Board is not relying on the market but actually creating ways to destroy the free market and create totalitarian economic controls over the energy sector of our economy. Any attempt to implement Caps on Greenhouse Gas emissions is in direct opposition to capitalism and the economic structure that creates wealth in this country. It will cause massive budget deficits, high taxes, and complete economic depression. Greenhouse gases are the basis of life on this planet and the Global Warming Fraud is the greatest hoax ever imposed on the American people. The claim that greenhouse gases are pollution is a blatant deception by government officials and every government official who uses this hoax to destroy our economy should be held accountable for their falsehoods. The Air Resources Board is engaging in government sponsored racketeering if they do not completely reject this illegal scam.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-07 21:35:27

No Duplicates.

Comment 184 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jeff
Last Name: Cohen
Email Address: jcohen@eosclimate.com
Affiliation: EOS Climate

Subject: Cap and Trade/Compliance Offsets
Comment:

Thanks for considering our input.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/209-eos_comments_ab32_dec2010.pdf'

Original File Name: EOS comments AB32 Dec2010.pdf

Date and Time Comment Was Submitted: 2010-12-08 04:34:44

No Duplicates.

Comment 185 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Dottie

Last Name: Hendricks

Email Address: Dottieh1932@att.net

Affiliation:

Subject: Appeal Bill/ Cap and Trade

Comment:

Fist Cap and trade should never have passed in Congress or ever have been instituted. The Enviromentalist should not have such a stornng hold on what they want. They have ruined this country.

I read some of this bill and am appauled at what is a dictatorship at work. No, we should not allow this bill to pass. The farmers will be hurt, the consumer will be picking up the tab. Jobs will be lost. This we don't need. Also, without raises in salaries and retirment, people will be hurting more than they should. The fat cats in Washinton DC are filling their pockets and all are millionaires, and we the people are paying for their salaries, while they raid Social Security, which they don't contribute too. They should be made to have Social Security taken out of thier pay. What is good for us should be good for them.

Stick our heads in the sand and hope it will go away, no, it will not go away. Let's stand up and be counted for. Write to your Congress people and the President, Vice President and make your voices count. California does not need to follow this trend. Appeal the bill. Don't need this bill period.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-08 07:07:39

No Duplicates.

Comment 186 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Lance

Last Name: McCray

Email Address: awesomemotorcycletours@gmail.com

Affiliation: NOR CAL TPP member

Subject: capandtrade

Comment:

This is wrong and we the people of this state know it and want it stopped at any cost and in any way we can. This will only speed up the decline of our great State and Nation. WHO ARE YOU PEOPLE AND WHAT IS THE REAL REASON FOR KILLING OUR WAY OF LIFE. YOU THINK YOU AND ALL OF YOUR FRIENDS WON'T BE AFFECTED, but you will get hurt just like us common folk. You were not elected and therefore have no real power over the people and we will rise up and crush this illegal abuse of power. Don't start this war against the people or you will be the first to feel the push back. We know who you are and you will be personally held responsible for the pain you are going to impose on all Californians. I just hope we can have Justice if you do this very bad thing to us. We the people of California are fed up with all of this being pushed around and you need to know we plan on pushing back with the might of the power of the people. LOOK OUT WE ARE WATCHING YOUR EVERY MOVE AND WE DO UNDERSTAND WHAT YOU ARE DOING AND HOW TO STOP IT. LOOK BEHIND YOU AND SEE THAT WE ARE WATCHING YOUR EVERY MOVE. For your own good and every Californian's GOOD DO NOT DO THIS CAP AND TRADE DEAL, YOU KNOW IT IS A LIE AND IF YOU MAKE THIS HAPPEN YOU ARE A LIAR ALSO.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-08 07:29:39

No Duplicates.

Comment 187 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Amy
Last Name: Sellers
Email Address: amy@sellersgang.com
Affiliation:

Subject: Implementing AB32 Unwise
Comment:

With many elements of AB32 still in dispute scientifically, and a severely depressed business climate, this is not the time to impose the new regulations and reporting requirements on Californians or any doing business here.

-Even Al Gore has refuted the value of ethanol - it pollutes the groundwater and takes more energy to produce than it gives.

(this has also been objected to by developping nations who need the grains for food!)

- Carbon Dioxide benefits California's agriculture (one of our most important industries) and all the flora.

-California's businesses are already overtaxed and overregulated. They are fighting for survival now. Who will be left to pay the taxes if they close their doors?

-The science of global warming was falsely documented, so AB32 is based on a (passioately held) lie and as such should be repealed, not implemented.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-08 08:58:19

No Duplicates.

Comment 188 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Bill

Last Name: Buchan

Email Address: buchana@mktpotential.com

Affiliation:

Subject: Support for Industry Sectors with Leakage Risk

Comment:

On Behalf of Graphic Packaging International, we appreciate ARB's common sense approach to providing free allocation to those industry sectors who are trade exposed and risk of leakage. While we are pleased that ARB has incorporated leakage risk as an element of the proposed regulation, ARB should consider making Ct in the product-based benchmark equation equal to 1 for industrial sectors in the "High" leakage risk category. For these sectors which are particularly sensitive to increased costs and competition from outside the jurisdiction of the cap and trade market, it will not be meaningful to offer 100% assistance or coverage with free allocation and yet indicate that this only applies to a fraction of the emissions that meet or exceed the industry's benchmark. These facilities should be covered completely to ensure that they are not put into a competitive disadvantage in the marketplace.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-08 09:52:46

No Duplicates.

Comment 189 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Mel
Last Name: Zeldin
Email Address: melz@capcoa.org
Affiliation: CAPCOA

Subject: CAPCOA Comments
Comment:

See attached comment letter regarding both Cap and Trade and the Amendments to the Mandatory Reporting Regulation

Attachment: 'www.arb.ca.gov/lists/capandtrade10/215-12-8-10_capcoa_comment_letter_on_cap_and_trade_and_mandatory_reporting.pdf'

Original File Name: 12-8-10 CAPCOA Comment Letter on Cap and Trade and Mandatory Reporting.pdf

Date and Time Comment Was Submitted: 2010-12-08 10:09:59

No Duplicates.

Comment 190 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Michelle

Last Name: Passero

Email Address: mpassero@tnc.org

Affiliation: The Nature Conservancy

Subject: Comments re recommended use of allowance value

Comment:

Please accept comments on the final proposed cap and trade regulation.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/216-120810_allowancevaluecoalitionletter.pdf'

Original File Name: 120810 AllowanceValueCoalitionLetter.pdf

Date and Time Comment Was Submitted: 2010-12-08 10:09:31

No Duplicates.

Comment 191 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: john

Last Name: smedley

Email Address: jcsmedley@comcast.net

Affiliation: tea party

Subject: carb

Comment:

it is apparent to anyone with their head above ground and their eyes open that global warming is a farce. Ask any geologist, the earth has been warming for 16,000 years. And this without the impact of humans. CARB is just another big scam being perpetrated against the people of california for the benefit of a few political lobbyists and their constituitants for a pure profit motive. California's air is now better than it has been in many years. More regulation will only drive more businesses either out of businss or out of state. We do not need either of these to happen if we are to survive as a state.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-08 10:54:07

No Duplicates.

Comment 192 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Edith

Last Name: Daniels

Email Address: ediegrandma@hotmail.com

Affiliation: none

Subject: AB 32

Comment:

Please do not pass this bill! It would be highly difficult for our family and many others to pay more for gasoline. Plus, ethanol is a very inefficient use of fuel. It has cost the dairy farmers and other farmers untold grief already. Please do not kill the monetary system in the state of California! We are holding on by a thread as it is. Thank you.

~Edith Daniels from Le Grand, Ca

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-08 11:10:50

No Duplicates.

Comment 193 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Camille

Last Name: Kustin

Email Address: camille@betterworldgroup.com

Affiliation:

Subject: Proposed Amendments to the ARB Compliance Offset Protocol for Forest Projects
Comment:

Please see the attached letter regarding recommended changes to the proposed Forest Offset Protocols.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/220-forest_protocol_letter_12_08_10.pdf'

Original File Name: Forest Protocol Letter_12_08_10.pdf

Date and Time Comment Was Submitted: 2010-12-08 15:55:29

No Duplicates.

Comment 194 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jeff
Last Name: Miller
Email Address: jrm@astound.net
Affiliation: None

Subject: Cap and Trade / Low Carbon fuel
Comment:

I am total disbelief how this agency has any credibility whatsoever! The cap and trade program was originally going to roll out to a western coalition of the west coast states. Every single state has backed out because they don't operate with blinders on. It doesn't take a genius to realize this is not the time to be placing additional strain on businesses in CA. The PM2.5 diesel regulations has forced many truckers out of business already. For what? To save a handful of premature deaths in CA? You still haven't made it clear just how many deaths this entails. How many deaths do you think will be a direct result of 25-50,000 families losing the breadwinner of the household? In case you weren't aware ... poverty kills.

If this scam isn't bad enough, now you are forging forward with the the low carbon fuel standard. To achieve this we will need to blend more biofuels into our fuel. The problem here is we don't make biofuels on the west coast so it will have to be transported in. Have you factored in the pollution resulting from the transportation of biofuels from the midwest. There are so many unanswered questions. Studies and or reports from this agency can't be trusted. 2 independent studies report that 5 yrs after implementation of this low carbon fuel standard it will add .61 to the price of a gallon of gas. This whole thing smells of the MTBE fraud you perpetuated against California. Junk science, incompetence, refusing to take the blinders off seems to be normal mode of operation at CARB.

Speaking of MTBE wouldn't it be wise that you aggressively clean up the polluted areas you caused from forcing MTBE into our fuel before you venture in to these new regulations already laced with fraud? Just a thought.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-08 15:07:44

No Duplicates.

Comment 195 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Paul

Last Name: Mason

Email Address: pmason@pacificforest.org

Affiliation: Pacific Forest Trust

Subject: Pacific Forest Trust comments on Cap & Trade Regs and Forest Offset Protocol
Comment:

Please see attached comment letter.
Paul Mason

Attachment: 'www.arb.ca.gov/lists/capandtrade10/222-pft_c_t_comments_final.docx'

Original File Name: PFT C&T comments final.docx

Date and Time Comment Was Submitted: 2010-12-08 17:04:21

No Duplicates.

Comment 196 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Mike
Last Name: Sandler
Email Address: mike@carbonshare.org
Affiliation: Carbon Share

Subject: Comments on the Proposed Regulation, incl. 75% Dividends
Comment:

Dear Members of the Board,

Thank you for helping to make California a national leader in climate policy. The proposed regulation is a good start, and I hope you will continue to improve the program, particularly by directing allowance value and auction proceeds to benefit Californians directly through a dividend check. The attached comments describe this in more detail. You may check my website at www.carbonshare.org for additional resources, including a dividend check that you can personalize and print for yourself. Please note that these comments are my own, and are not intended to reflect those of any organization with which I am affiliated.

Thanks again for your work. The planet depends on you.
Sincerely,

Mike Sandler
San Rafael, CA

Attachment: 'www.arb.ca.gov/lists/capandtrade10/224-commenttoarbcaptrade12-9-10-sandler.pdf'

Original File Name: CommenttoARBCapTrade12-9-10-Sandler.pdf

Date and Time Comment Was Submitted: 2010-12-08 22:41:41

No Duplicates.

Comment 197 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: steve

Last Name: elias

Email Address: selias@volcano.net

Affiliation:

Subject: cap and trade 10

Comment:

IT would be a huge mistake to include clear-cut type of timber harvest and the resulting even age tree plantation as a way to offset carbon. Once ground disturbance is introduced into the equation then the picture changes dramatically and there is no way to clear-cut without a whole lot of ground disturbance. Where is the science that backs up using plantations generated from clear-cuts and includes the huge carbon release from soil disturbance?

In addition, the snowpack takes an enormous hit from a clear-cut regime and we need the snowpack not only as the most critical part of California's water system, but to generate hydro when we need it the most - hydro being a source of clean energy that Calif. is very fortunate to have available.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-08 23:24:04

No Duplicates.

Comment 198 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Laurie

Last Name: Plank

Email Address: lauriep@juno.com

Affiliation:

Subject: Climate Plan

Comment:

Thank you for taking proactive steps to counter climate change.
Your leadership sets an example for the rest of us.

Laurie Plank

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 06:58:37

No Duplicates.

Comment 199 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Sarah

Last Name: Wolpow

Email Address: thistlefarm@comcast.net

Affiliation:

Subject: hurray for strong climate legislation

Comment:

Thank you California for leading the way on climate action when our federal government has failed to act. I hope you can inspire other states to follow along (like my state of Maine!)

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 07:00:31

No Duplicates.

Comment 200 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Gina

Last Name: Touchstone

Email Address: usergina8747@aol.com

Affiliation:

Subject: Comment to capandtrade10

Comment:

So impressed to hear the people of CA & NY are taking measures to ensure their health as well as the health of the environment. We need to take control of these important and necessary issues concerning the climate. I am embarrassed to say, Texas, the state in which I reside, is suing the EPA claiming the cap on greenhouse emissions is too strict and costly. Our governor, Rick Perry, is being sued by the EPA for noncompliance of greenhouse restrictions. I hear Perry is one of those nonbelievers of climate change. So very sad. Texas is a big oil state and a big polluter. I wonder how he got re-elected !!!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 07:33:56

No Duplicates.

Comment 201 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Robert

Last Name: Brennan

Email Address: bobatny@msn.com

Affiliation:

Subject: Cap and Trade

Comment:

Go for it! Show the rest of the nation what can be don by planing and commitment.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 08:05:09

No Duplicates.

Comment 202 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Timothy

Last Name: Diller

Email Address: timdiller@gmail.com

Affiliation:

Subject: In support

Comment:

Thank you California for showing leadership and foresight in addressing climate change. I am disappointed with the lack of action at the federal level and as a resident of Texas do not have much hope of action by my state. However, in many environmental causes, CA has taken the lead and the rest of the nation has followed.

I would like to add my voice in support of legislation limiting the emission of greenhouse gases.

Tim Diller, Ph.D.(Mechanical Engineering)

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 08:08:22

No Duplicates.

Comment 203 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Dr. Sharon and James

Last Name: Price

Email Address: jasprice@isomedia.com

Affiliation:

Subject: Climate Change preparation

Comment:

Thank you for leading the way for climate change action. We expect other states to do the same. There will be many jobs for "going green" and the sooner we make changes the less drastic the climate change negative effects will be in the future.

Sharon and Jim Price

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 08:12:56

No Duplicates.

Comment 204 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Roth
Last Name: Hafer
Email Address: RothHaf@aol.com
Affiliation:

Subject: Lower carbon footprint
Comment:

OF note, the California incentives for alternate energy has allowed Sierra Nevada Brewing in Chico to buy 4 fuel cells that run on the SPENT Brew mash to generate 1 meg of power (surplus being sold), the heat from the cells ''gooses' the new brew, they now have NO disposal problem (which cost over \$1 million a year) and a VERY low carbon foot print'

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 08:39:56

No Duplicates.

Comment 205 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Allen

Last Name: Lomax

Email Address: allen@allenlomax.com

Affiliation: human being

Subject: CA Cap on Green house Gas

Comment:

It is encouraging to see California leading the way scientifically by following the lead of the 97% of climatologist who warn us against the threats of Global Warming rather than listening to the 3% deniers.

If history proves the 97% to be wrong, we still will be better off developing cleaner more renewable sources of energy that can help us to overcome our addiction to fossil fuels. Continuation of our fossil fuel addiction is a losing proposition no matter what. Thank you California for leading the way to the future.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 09:10:20

No Duplicates.

Comment 206 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Megan

Last Name: Ceronsky

Email Address: mmc@vnf.com

Affiliation: Coalition for Emission Reduction Project

Subject: Coalition for Emission Reduction Projects, Addendum to Comments on Draft Cap-and-Trade Reg

Comment:

Attached please find an addendum to the Coalition for Emission Reduction Projects' (CERP) comments on the proposed cap-and-trade regulations. This addendum addresses the compliance exemption for biomass-based fuels.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/234-coalition_for_emission_reduction_projects__addendum_to_comments_on_ab32_draft_cap-and-trade_regutions.pdf'

Original File Name: Coalition for Emission Reduction Projects, Addendum to Comments on AB32 Draft Cap-and-Trade Regutions.pdf

Date and Time Comment Was Submitted: 2010-12-09 09:38:24

No Duplicates.

Comment 207 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Sharon

Last Name: Morris

Email Address: skmorris1@sbcglobal.net

Affiliation:

Subject: I Strongly Support Cap and Trade

Comment:

I strongly support "Cap and Trade" with no free allowances for polluting industries. Economic and environmental analyses show that controls will benefit the state financially, both in revenue generation and in reduced healthcare costs from fewer pollutants in the air.

Please choose the strongest available environmental and enforcement options for these badly needed controls.

Thank you for the opportunity to comment on this crucial issue.

Sincerely,
Sharon Morris

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 09:44:50

No Duplicates.

Comment 208 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Linda

Last Name: Riebel

Email Address: linda.riebel@earthlink.net

Affiliation:

Subject: keep tackling climate change

Comment:

Please continue to uphold California's leading role in tackling climate change and the other destructive effects of industrialized, consumerist society. Don't let the ignoramuses get you down!
Linda Riebel, Ph.D.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 09:57:01

No Duplicates.

Comment 209 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Alan

Last Name: Ditmore

Email Address: aditmore@juno.com

Affiliation:

Subject: non-contraceptive environmental spending wasteful

Comment:

ONLY contraception can save the world from global warming and pollution, therefore any environmental spending that is not contraception is wastefully diverting environmental funds from contraction and is therefore CAUSING pollution.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 09:58:08

No Duplicates.

Comment 210 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Stu

Last Name: phillips

Email Address: stulips@hotmail.com

Affiliation:

Subject: Alternative Energy

Comment:

Keep exploring and implementing Wind and Solar Energy, please, keep investing in these clean power technologies, forever, and divesting from all the rest! Thankyou, NO Biomass ever!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 10:43:24

No Duplicates.

Comment 211 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Susan

Last Name: Michetti

Email Address: stardust10000@yahoo.com

Affiliation:

Subject: CO2 equivalent emissions

Comment:

Benjamin Savokool (spelling?), a respected Korean scientist, number crunched the carbon dioxide equivalent emissions for about two dozen different energy sources.

Nuclear power mean CO2 equivalent global warming emissions was 66 grams per CO2 kilowatt hour. This is slightly below that of coal and petroleum for life cycle from cradle to grave. The nuclear power industry is misleading the news media, who, in turn, is releasing misleading information in general about nuclear power's role in global warming. Nuclear power is contributing significantly to global warming, just not as much as coal or petroleum. However, nuclear power is 33% higher in global warming emissions than the worst performing renewable energy source from cradle to grave that Savokool number crunched. Biomass and thermal energy--one was 39 grams and the other was 41 grams per CO2 equivalent kilowatt hour. All renewable energy performs significantly better than nuclear energy. Some much better than others.

Nuclear power also has serious adverse contamination effects on people and environment for thousands of years for all phases from cradle to grave that far exceed dangers of all other energy sources.

I am just making it clear that nuclear power is not an acceptable contender in reducing global warming emissions.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 11:05:38

No Duplicates.

Comment 212 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Dorothy
Last Name: Rothrock
Email Address: drothrock@cmta.net
Affiliation: CMTA

Subject: CMTA comments on cap and trade regulation
Comment:

Comments from California Manufacturers & Technology Association

Attachment: 'www.arb.ca.gov/lists/capandtrade10/240-cmta_cap_trade_final_draft_comments_dec_8.pdf'

Original File Name: CMTA Cap_Trade FINAL DRAFT Comments Dec 8.pdf

Date and Time Comment Was Submitted: 2010-12-09 11:23:51

No Duplicates.

Comment 213 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jonathan
Last Name: Young
Email Address: jonyoung@sanjuan.edu
Affiliation:

Subject: AB 32 vs Prop 23
Comment:

Prop. 23 went down in flames in California because the vast majority of voters, conservative, libertarian, or liberal correctly saw it as a dirty energy lobby. Everyone here knows PG&E, Valero and Tesoro overcharge their customers and are the worst polluters fighting like mad to block AB 32. So when we saw their dirty fingerprints on this proposition, it was no contest.

Even conservatives who have reservations about some aspects of AB 32 were by and large against Prop. 23.

Californians want to lead the country in clean energy just like we did in the computer industry. By dedicating more of our desert lands to solar and wind development, we could be net energy exporters and create a major business and employment stimulus for our state.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 11:41:27

No Duplicates.

Comment 214 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Camille

Last Name: Kustin

Email Address: camille@betterworldgroup.com

Affiliation:

Subject: Include bioenergy emissions under the cap and account for biomass emissions

Comment:

See the attached letter that requests that bioenergy emissions are included under the cap and that CARB accounts for the greenhouse gas emissions associated with biomass combustion and production.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/242-woody_biomass_exemption_letter_12-9-10.pdf'

Original File Name: Woody biomass exemption letter_12-9-10.pdf

Date and Time Comment Was Submitted: 2010-12-09 11:56:16

No Duplicates.

Comment 215 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: C.C.

Last Name: Song

Email Address: ccs@greenlining.org

Affiliation: Greenlining Institute

Subject: Crucial Modifications are Needed CARB's Proposed CAP-and-Trade Rules
Comment:

The Greenlining Institute would like to commend Chairman Nichols and the Members of the Board for taking a monumental first step in crafting cap-and-trade regulations. While Greenlining supports CARB's broader efforts, we are offering some suggestions on how to improve the proposed regulations and shape CARB's ongoing implementation of a cap-and-trade program.

Please see attachment for Greenlining's comment.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/243-greenlining_cap_and_trade_comment.pdf'

Original File Name: Greenlining Cap and Trade Comment.pdf

Date and Time Comment Was Submitted: 2010-12-09 12:03:16

No Duplicates.

Comment 216 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Charles

Last Name: Purshouse

Email Address: charles.purshouse@camcoglobal.com

Affiliation:

Subject: Comments on the Air Resources Board's October 28, 2010 Proposed Regulation
Comment:

Please find attached Camco's comments on elements of two of the proposed protocols and elements of the proposed regulations

Attachment: 'www.arb.ca.gov/lists/capandtrade10/244-camco_arb_comments.pdf'

Original File Name: Camco_ARB_Comments.pdf

Date and Time Comment Was Submitted: 2010-12-09 12:10:54

No Duplicates.

Comment 217 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Shelly
Last Name: Sullivan
Email Address: ssullivan@onemain.com
Affiliation: AB 32 Implementation Group

Subject: AB 32 Implementation Group Comments on the Proposed Cap-and-Trade Regulation
Comment:

Good Afternoon:

Attached please find comments from the AB 32 Implementation Group regarding the proposed cap-and-trade regulation.

If you have any questions or need anything further, please feel free to contact me.

Shelly Sullivan
(916) 858-8686

Attachment: 'www.arb.ca.gov/lists/capandtrade10/245-ab_32ig_cap_trade_comments_12_9.pdf'

Original File Name: AB 32IG Cap_Trade comments 12_9.pdf

Date and Time Comment Was Submitted: 2010-12-09 12:08:35

No Duplicates.

Comment 218 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Celia

Last Name: Kutcher

Email Address: celia552@cox.net

Affiliation:

Subject: climate change

Comment:

Climate change is happening. Action NOW is needed to slow it and ameliorate its effects. Otherwise humanity is committing suicide.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 12:26:45

No Duplicates.

Comment 219 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Steve

Last Name: Radcliffe

Email Address: steveradcliffe@peak.org

Affiliation:

Subject: Greenhouse Gas Emissions

Comment:

I applaud your efforts to reduce greenhouse gas emmissions.
Personally I'm not well informed on the "cap and trade" approach
and am inclined toward improved technologies as a preferred
solution but any and all efforts must be taken to deal with this
critical situation.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 12:27:01

No Duplicates.

Comment 220 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Daniel

Last Name: Soong

Email Address: eregistration7@aol.com

Affiliation:

Subject: adopt this legislation

Comment:

AB32 is landmark legislation which will revitalize our economy and create American jobs. This legislation is a Win-Win.

Please consider the adoption of a proposed California cap on greenhouse gas emissions and market-based compliance mechanisms regulation, including Compliance Offset Protocols.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 12:32:30

No Duplicates.

Comment 221 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ann

Last Name: Bowles

Email Address: abowles@ansi.org

Affiliation: American National Standards Institute

Subject: ANSI Comments on CARB Offset Regulation

Comment:

The American National Standards Institute (ANSI) Respectfully submits the attached comments on CARB's Adoption of a Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, Including Compliance Offset Protocols.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/250-ansi_response_to_carb_offset_regulation.pdf'

Original File Name: ANSI Response to CARB Offset Regulation.pdf

Date and Time Comment Was Submitted: 2010-12-09 12:47:39

No Duplicates.

Comment 222 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Tod

Last Name: Delaney, AAVB

Email Address: tod@firstenvironment.com

Affiliation: Assoc. of Accredited Verification Bodies

Subject: Section 95132 lacks the rigor associated with the best practice for accrediting V/VBs
Comment:

Please see attached letter.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/251-arb_response_letter.pdf'

Original File Name: ARB response letter.pdf

Date and Time Comment Was Submitted: 2010-12-09 13:08:26

No Duplicates.

Comment 223 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: David

Last Name: Modisette

Email Address: dmodisette@cmua.org

Affiliation: California Municipal Utilities Assn.

Subject: Comments on Cap & Trade proposed regulation

Comment:

See attached comments on the proposed Cap & Trade regulation.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/252-arb_comment_doc_w_header_12_08_2010_ct_final.pdf'

Original File Name: ARB Comment doc w header 12_08_2010_CT_Final.pdf

Date and Time Comment Was Submitted: 2010-12-09 13:49:44

No Duplicates.

Comment 224 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kassandra
Last Name: Gough
Email Address: kgough@calpine.com
Affiliation: Calpine Corp

Subject: Proposed Regulation to Implement the California Cap-and-Trade Program
Comment:

Attached is Calpine Corporation's comments on the proposed regulation to implement the California Cap-and-Trade Program.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/253-carb_letter_re_cap-and-trade_20101209.pdf'

Original File Name: CARB Letter re Cap-and-Trade 20101209.pdf

Date and Time Comment Was Submitted: 2010-12-09 14:05:00

No Duplicates.

Comment 225 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Spencer

Last Name: Hutchings

Email Address: spencerhutc@gmail.com

Affiliation: California Native, born and raised

Subject: CARB and Cap and Trade

Comment:

Our state is not in a fast enough decline. What we really need is cap and trade to really put us into top gear on the way over the cliff. No good will come of this. Man caused climate change is myth. The cap and trade scheme is a power grab, pure and simple. History will show that you people destroyed one of the best places to live in world and will judge you harshly. You will have earned the contempt of current and future generations for destroying this fine state.

Keep thinking you are all right and we that oppose you are all wrong. This will all sort itself out in time, you will loose.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 14:10:14

No Duplicates.

Comment 226 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kevin

Last Name: Crupi

Email Address: kcrupi@aol.com

Affiliation:

Subject: Thanks to California for reducing greenhouse gas emissions

Comment:

I'm writing to thank California for taking aggressive action to lower your state's greenhouse gas emissions. Global warming is the greatest threat facing humanity today. Qualified scientists indicate quick action is necessary to limit the worst impacts. I appreciate California's efforts to curb greenhouse gas pollution.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 14:54:15

No Duplicates.

Comment 227 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jordan

Last Name: Parrillo

Email Address: Jordan.Parrillo@cpuc.ca.gov

Affiliation: Division of Ratepayer Advocates

Subject: Division of Ratepayer Advocates Comments on Proposed Regulation

Comment:

Attached are the comments of DRA on the Proposed Regulation to Implement the California Cap-and-Trade Program.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/257-dra_12-9-10_comments_on_proposed_regulation_to_implement_the_ca_cap-and-trade_program.pdf'

Original File Name: DRA_12-9-10_Comments on Proposed Regulation to Implement the CA Cap-and-Trade Program.pdf

Date and Time Comment Was Submitted: 2010-12-09 15:16:12

No Duplicates.

Comment 228 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Staci

Last Name: Heaton

Email Address: sheaton@rcrcnet.org

Affiliation: Regional Council of Rural Counties

Subject: Comments submittal

Comment:

Attached please find the comments of the Regional Council of Rural Counties on the proposed cap-and-trade program. Please contact me if you have any questions.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/260-12-9-10_rcrc_comments_on_cap_and_trade_program.pdf'

Original File Name: 12-9-10 RCRC Comments on Cap and Trade Program.pdf

Date and Time Comment Was Submitted: 2010-12-09 16:04:17

No Duplicates.

Comment 229 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Dale M.

Last Name: Heckman

Email Address: akadlnk@yahoo.com

Affiliation:

Subject: Calif. action vs. global warming trajectory

Comment:

California, the car-drivingest state, has taken admirable steps to slow down the human causes of global warming. Other states and whole countries will follow sooner or later. Coal-mining states will have the hardest transition to new industries and jobs. Yet without PRC China's fullest effort to change from coal energy, the jig is up for our unique Planet Earth. (PRC is still poor-mouthing other wealthy nations.) So I'm still active but pessimistic. Goodbye polar bears and pika by 2050! Goodbye island nations by 2099! Goodbye "sea-level" cities and population centers!

Sorry for such gloom. But have you seen many drivers keeping their speed at or under max. lately? Avoiding climate catastrophe would have required human behavioral change on a massive scale.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 15:36:41

No Duplicates.

Comment 230 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Roberto

Last Name: Guerrero

Email Address: edwardmendez12@hotmail.com

Affiliation:

Subject: Cap and Smash

Comment:

To whom it may concern,

It is no suprise by now that California has been labeled by Forbes, Wall Street Journal, as having the worst Buisness, legal, and economic climate in the nation. We went from the golden state to a State to be set as an example to not be like.

Has anybody in the air resources board even bother to hear the opponents arguing against the climate change theory. Has anyone remembered what happened in 2009 in the Climate Change Confrence in Copehagan? The entire area was buried almost chest deep in snow. In the Month of November of 2009, a group of computer hackers expose that the scientific data arguing for the reality of climate Change was manipulated. How about the fact that America's own Michal Mann is still under investigation by the State for Virginia in which he is known for the "hocky Stick" data has been a fraud.

To sacrafice an economy, prosperity, and industry for a man like Al Gore in which he profits millions from investments firms such has his own Generation Investment with shares and stakes in various alternative energy company? For a scientific theory that has not yet been fully debated yet?

It is understood that we must protect our wonderful enviorments and animals but to mandate people as the City of Los Angelos to radically change the way they conduct their daily routine, grocery shopping bags? Despite the fact that resuable bas has been shown to have a strong chance of developing and catching E Coli? It is a matter of time before voters start finding out what is going on. I respectfully ask all of the board to slow down and start looking both sides of the aile before making any reserved ideas. In the name of what remains left in california please do this.

Respectfully,
Guerrero

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 16:12:47

No Duplicates.

Comment 231 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Melanie
Last Name: Shepherd
Email Address: mmshepherd@yahoo.com
Affiliation:

Subject: Global Warming Solutions Act - AB32
Comment:

Chairman Nichols and Members of the Board:

I am excited to see that CARB is moving forward on implementing the Global Warming Solutions Act (AB 32). As the overwhelming defeat of Prop 23 this last November showed us, the public is ready for government to take the necessary steps to reduce our contributions to climate change.

While I agree with many of the steps outlined in the AB 32 Scoping Plan, I am concerned and disappointed by the details of the cap and trade component. By giving away the vast majority of pollution allowances, your proposal would financially reward the biggest polluters. This provides a clear disincentive for polluting businesses to reduce their greenhouse gas emissions, and therefore, would weaken the impact of California's landmark climate bill.

Please take advantage of the favorable public climate that California currently enjoys around addressing climate change and implementing AB 32 by taking much-needed bold actions and removing the massive allowance giveaways outlined in the current rules. Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 17:41:41

111 Duplicates.

Comment 232 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Gaye

Last Name: Smith

Email Address: gayes1712@gmail.com

Affiliation:

Subject: Proposed Regional Greenhouse Gas Emission reduction targets

Comment:

Do not institute a "cap and trade" policy for California. POLLUTERS should be made to pay a tax for their excessive carbon emissions in this state not be allowed to "trade" with a non-polluting company so that they can continue to foul our air and water. This charade does nothing for citizens of this state that live near polluting industries, many of whom are children and suffer from chronic health problems due to pollution from companies that feel no compunction to change their ways.

Pass a carbon tax with an allowable limit of pollution that is reduced on an annual basis, This will force polluters to actually clean up their act.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 17:39:08

No Duplicates.

Comment 233 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Irvin
Last Name: Dawid
Email Address: irvindawid@gmail.com
Affiliation:

Subject: carbon cap and trade per AB 32
Comment:

I agree with Field Poll results:
1. Auction the credits, don't give them to high-energy users
2. Use revenue to lower budget deficit or return to residents or taxpayers; see
Most in state found to support carbon-trading plan

David R. Baker, Chronicle Staff Writer

Thursday, December 9, 2010
<http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2010/12/08/BUNB1GNPUA.DTL>

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 17:39:32

No Duplicates.

Comment 234 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: KENNETH

Last Name: PRICE

Email Address: KILOPAPA3@GMAIL.COM

Affiliation: Retired ATC in FSS

Subject: cap and trade

Comment:

I cannot believe that anyone would let business off the hook with the incredible debt this state has. This a way to raise much needed capital, and business is awash in money that they are not spending because of the economy. Thank you for your time. Ken Price
805-489-9779

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 17:52:17

No Duplicates.

Comment 235 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kurt

Last Name: Schoeneman

Email Address: kjschoen@gmail.com

Affiliation: Anderson Valley Winegrowers

Subject: capandtrade 10

Comment:

I hope you will be reasonable - that is come up with a balance which advances the environment but doesn't stifle enterprise in California. Good luck!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 17:52:24

No Duplicates.

Comment 236 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Donald

Last Name: Mayer

Email Address: d.mayer@ieee.org

Affiliation:

Subject: Cap and trade in AB 32 implementation

Comment:

When AB 32 is implemented, please do not financially reward polluters by permitting cap and trade. This would substantially weaken the impact of the climate bill. All individuals and corporations must recognize and address the impact that their actions have on the environment. It is very clear that a cap and trade option would NOT result in the necessary reductions in emissions that are essential for a healthy climate. Many experts claim that it may already be too late to reverse the impact that man has made on the quality of the earth's air, water, and overall environmental health, so let's take the first steps needed to stop the insanity.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 17:59:24

No Duplicates.

Comment 237 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: David
Last Name: Jacobson-Fried
Email Address: djacobso@uoregon.edu
Affiliation:

Subject: Caps and Dates
Comment:

To whom it may concern:

Without getting into a massive display of science, I think it will suffice to say that the much of the scientific research says our planet must be under certain benchmarks of emissions before specific changes in the state of the planet occur in order for the survival of much of the life on the planet.

With that in mind, I believe it's necessary for your cap benchmarks to be reduced even further, while the dates for these caps to be met be made even earlier. My opinion speaks for the large majority of caps and dates world wide.

Secondly, I believe the earlier we make the dates for meeting benchmarks of emissions and the earlier we start creating jobs with that goal in mind the better. We are currently in a global economic depression, and only by taking immediate action do we give the citizens of our country and of our world the ability to rise up out of this recession.

I say therefore that in order to steer clear of environmental catastrophe as well as economic catastrophe, these caps and dates written into the capandtrade10 should be reduced and brought closer to present time, respectively.

Thank you very much for the chance to comment, and I hope you make the right decision based on ethics, survival, and progress rather than monetary greed.

Sincerely,

David Jacobson-Fried

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 17:58:03

No Duplicates.

Comment 238 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: susan

Last Name: sayble

Email Address: smsayble@yahoo.com

Affiliation:

Subject: AB 32

Comment:

I think it it essential to have a plan to reduce greenhouse gases that does not allow the big polluters to further profit from their pollution!!! Please help!!!!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 18:02:47

No Duplicates.

Comment 239 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Mary
Last Name: Hayden
Email Address: mhayctom@aol.com
Affiliation:

Subject: AB32
Comment:

Dear Chairman Nichols and Members of the Board:

I have been very relieved and happy to know that my state is taking a leadership role in reducing the threat of global climate change through the implementation of AB32.

However, I am quite concerned about one aspect of the cap and trade section of the Act, namely the proposal to give away most pollution allowances to businesses. This provision undermines the whole purpose of cap and trade, which is to create financial incentives to pollute less. Giveaways to large polluters make a mockery of the Global Warming Solutions Act.

Please take strong action to restore meaningful consequences for continuing to pollute. The public is ready for responsible movement on this - an issue of the highest importance for our own and our children's future health and prosperity.

Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 18:01:24

No Duplicates.

Comment 240 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: supun

Last Name: edirisinghe

Email Address: supune@gmail.com

Affiliation:

Subject: The Biggest Polluters should not be rewarded.

Comment:

The Biggest Polluters should not be rewarded. They should be forced to hire Californians and re-invest in California to clean up the pollution that they cause.

I am concerned and disappointed that the implementation of AB 32 will involve giving away pollution allowances to the biggest polluters. This is unfair to the tax payers that have been footing the bill to keep our overpopulated state as clean as possible. I have faith that your board will not disincentive-ize the companies that have done the worst to hurt our environment to clean up their act. I see this as a big flaw in the cap and trade plan. You want the market move towards making the big polluters to go out of business unless they clean up and incentivise more agile greener businesses to take their place.

Of course, we don't want those companies to go out of business we want them to rapidly get with the times and listen to their neighbors in California. The vote on prop 23 is a sign of the times. We want pollution to be better managed. We want to reward the good companies.

If multi-million and multibillion dollar companies can sell and trade their allowances for a profit, I don't think it will make them change to more efficient use of our land, skies and water. We want them to hire more people to fix the problems that they have created. We want them to invest back into california not sell off their allowances and slowly adjust their levels of pollution. They need to be held accountable to be part of the solution, and we need to create the incentives and punishments to make that happen!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 18:00:27

No Duplicates.

Comment 241 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: thomas

Last Name: harrison

Email Address: thiimage@mac.com

Affiliation:

Subject: Notice of Public Hearing to Consider the Adoption of a Proposed California Cap on Greenhou

Comment:

PLEASE THINK OF THE FUTURE OF OUR CHILDREN AND YOU IMMEDIATE
VOTERS!

OUR ISSUES SURVIVE
AND YOUR VOTE KEEP COMING
BE PRESENT TO THE FUTURE
OF OUR NEEDS AND YOURS

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 18:11:09

No Duplicates.

Comment 242 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Chris

Last Name: Lange

Email Address: monarchsrule@yahoo.com

Affiliation:

Subject: States move ahead to pick up federal slack on climate legislation

Comment:

I would construe by California's recent vote that when the eyes are open, the elephant in the room can certainly be seen! Dirty polluters tried day and night to make puppets of us at the polls. Big money, big PR, big bankrolls, actually too oily and ugly to compare to a decent pachyderm. And yet we Californians got around that beast. Here's why--and why I strongly urge you to do the same.

Californians want STRONG legislation and are damned proud of our landmark Global Warming Solutions Act. We are sickened by cynical attempts to shift responsibility. Make that cap strong and universal. Put solid money into enforcement and oversight measures. Apply stringent rules of compliance for all GHG emitters.

THSI STATE MUST LEAD IN CLIMATE LEGISLATION MATTERS--KEEP MOVING CALIFORNIA FORWARD.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 17:45:07

No Duplicates.

Comment 243 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Karen

Last Name: Ratzlaff

Email Address: laughingrat@live.com

Affiliation:

Subject: Cap and Trade

Comment:

Chairman Nichols and Members of the Board, We really can not afford to let gross polluters use cap and trade to continue their destruction and also to profit from it. We spoke in November and defeated Prop. 23. It is time for you to listen, do the right thing and stop the polluters now. With the rest of the country struggling with whether global warming is a myth or not, Californians are not. So, do what we need you to do and level the playing field. Do not allow the cap and trade component of the bill to remain. If you are a polluter then you must stop...NOW. Thank you for your time.
Sincerely, Karen Ratzlaff

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 18:10:43

No Duplicates.

Comment 244 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Susan

Last Name: Lieber

Email Address: slieber@sbcglobal.net

Affiliation:

Subject: Please adopt a plan to reduce greenhouse gasses. It is very important to me and my family

Comment:

Please adopt a plan to reduce greenhouse gasses. It ia very important to me and my family that the plan does not include inducements to big polluters that would benefit them financially. I firmly believe that the larger polluters should be penalized in the new plan. Thank you, Susan Lieber

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 18:29:32

No Duplicates.

Comment 245 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Erin
Last Name: Craig
Email Address: erin@terrapass.com
Affiliation: TerraPass Inc.

Subject: TP #1 - Exclude Early Action projects which are non-additional; include landfills
Comment:

TerraPass will be submitting a series of comments.

This letter requests:

==> that the ARB ensure all Early Action offset credits meet additionality criteria; and

==> that offset supply for the first compliance period be assured not by including business-as-usual projects, but rather by adding landfill methane projects which meet all additionality criteria.

- Erin Craig, TerraPass CEO

Attachment: 'www.arb.ca.gov/lists/capandtrade10/296-terrapass__1-_exclude_non-additional_offsets__include_additional_landfills.pdf'

Original File Name: TerraPass #1- exclude non-additional offsets; include additional landfills.pdf

Date and Time Comment Was Submitted: 2010-12-09 18:23:16

No Duplicates.

Comment 246 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Tom

Last Name: Taussig

Email Address: ttaussig@pobox.com

Affiliation:

Subject: comment to capandtrade10

Comment:

Lets not give the Earth away to the biggest users.... seems very silly. Everyone should pay their share!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 18:36:24

No Duplicates.

Comment 247 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Margaret
Last Name: Lipper
Email Address: peggylipper@aol.com
Affiliation:

Subject: AB32
Comment:

Chairman Nichols and Members of the Board;
I appreciate your efforts to implement CARB. However, please do not let the biggest polluters profit further from their pollution.

Margaret Lipper

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 18:42:20

No Duplicates.

Comment 248 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Nora

Last Name: Nausbaum

Email Address: Nora@bachtobebop.com

Affiliation:

Subject: capandtrade10

Comment:

Do the right thing. Dont be stupid, short-sighted, greedy. This is important. Listen up. We need to reduce carbon based fuel, increase clean alternative energy without pandering to the polluters.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 18:45:55

No Duplicates.

Comment 249 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jon

Last Name: Luvaas

Email Address: jonluvaas@gmail.com

Affiliation:

Subject: Free carbon credits to polluters

Comment:

I'm delighted that you're moving forward on implementation of the Climate Solutions Act. Yet I'm very disturbed that you're considering carbon credit giveaways as part of the kickoff. This is necessary neither politically nor in practical terms and seriously undermines the purpose of the overall proposal. Please charge the utilities and other large polluters the true value of their credits.

We have no time to spare. And you have a governor, legislative majority, and California population that will support you. The results of prop 23 ought to make that clear. So please don't go the expedient route. Go the necessary route.

Thanks.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 18:39:35

No Duplicates.

Comment 250 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Martha

Last Name: Booz

Email Address: mlbooz@calnatives.com

Affiliation:

Subject: Cap and Trade Component of Scoping Plan

Comment:

Chairman Nichols and Members of the Board:

Thank you for your work on the AB 32 Scoping Plan and the implementation of AB 32.

Unfortunately, I am concerned and disappointed by the details of the cap and trade component. I don't think you should give away pollution allowances. You should charge for them. Polluting businesses will not do anything to reduce their polluting emissions if you just give away the pollution allowances.

Please take much-needed bold actions and remove the massive allowance giveaways outlined in the current rules.

Thank you for your attention.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 18:42:00

No Duplicates.

Comment 251 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Randal

Last Name: Seech

Email Address: ran_see@hotmail.com

Affiliation:

Subject: CARB

Comment:

I am glad that the Board is moving forward on climate change proposals. It concerns me that you might enact provisions allowing businesses that pollute free credits to pollute. This makes no sense. Why reward polluters? If we are to have a comprehensive clean air policy and reduce carbon emissions then the biggest polluters must be held responsible to clean up their act.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 18:48:38

No Duplicates.

Comment 252 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Richard
Last Name: Grassetti
Email Address: ragrass@aol.com
Affiliation:

Subject: Improvement to Cap and Trade System
Comment:

Chairman Nichols and Members of the Board:

As an environmental professional, I'm writing to thank you for moving forward on implementing the Global Warming Solutions Act (AB 32), and to request that you enact certain modifications to the proposed program prior to adopting it.

Specifically, I am concerned with the details of the cap and trade component. By giving away the vast majority of pollution allowances, your proposal would financially reward the biggest polluters. This provides a clear disincentive for polluting businesses to reduce their greenhouse gas emissions, and therefore, would weaken the impact of California's landmark climate bill. Therefore I'm requesting that the final program include requirements that large-scale emitters pay for their emission credits. This will not only help fund the program, but also act as a powerful incentive to reduce emissions prior to any "trading".

Thank you.

Richard Grassetti
Principal, Grassetti Environmental Consulting

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 19:26:17

No Duplicates.

Comment 253 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Mitchell

Last Name: Zimmerman

Email Address: m@mitschellzimmerman.com

Affiliation:

Subject: Cap and Trade versus Carbon Tax

Comment:

Overall, CARB is headed the right way in implementing California's determination to reduce this state's role in global warming. One aspect of the proposed regulations goes the wrong way, though, the "cap and trade" provision. We don't need to turn the current pollution levels into an asset which can be traded. This would have the effect of ensuring that the pollution "cap" is exploited to the maximum extent. Far better to implement a carbon tax, even if it is a minimal one at first, that adds to the cost of carbon pollution, and thereby creates a consistent, across-the-board incentive to reduce greenhouse gas emissions. Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 19:40:26

No Duplicates.

Comment 254 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: KENDRICK

Last Name: MILLER

Email Address: kwmiller@pacbell.net

Affiliation:

Subject: cap and trade

Comment:

i suggest that all rights to pollute enter a market...There should be no free ride.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 19:39:07

No Duplicates.

Comment 255 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Carol
Last Name: Erilane
Email Address: carolerilane@gmail.com
Affiliation:

Subject: Global warming
Comment:

Please stay on track with controlling emissions!! Don't let this opportunity slip by us

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 19:42:16

No Duplicates.

Comment 256 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Iona

Last Name: landowski

Email Address: chland@earthlink.net

Affiliation:

Subject: No To Job Killing Carb Regs That Recent Studies Show Won't Do Any Good

Comment:

NASA has updated their climate change models to show that an increase in CO2 will induce a corresponding increase in oxygen which will reduce the predicted increase in temperatures in their prior models by half. This decrease in predicted temperature would meet the goals of the most ambitious EPA and Ca regs on reducing CO2 and its predicted impact on reducing the earth's temperature. Bottom line, whatever the regs are the earth has already made the necessary adjustments to reduce the temps making the regs unnecessary and contraproductive when it comes to the economy of Ca.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 19:19:35

No Duplicates.

Comment 257 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Charlotte

Last Name: Chavez

Email Address: centered@sonic.net

Affiliation:

Subject: Financial rewards for polluters

Comment:

I do NOT support a cap and giveaway system that financially rewards big polluters. When are we going to get serious about global warming?

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 19:45:15

No Duplicates.

Comment 258 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Susanne

Last Name: Scott

Email Address: infotectives@comcast.net

Affiliation: CA resident

Subject: Adoption of Cap on GreenhouseGas Emissions, etc.

Comment:

California should be a leader in this arena - I whole heartedly endorse taking the necessary steps to put California in that position nationally and globally!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 20:01:35

No Duplicates.

Comment 259 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Laura

Last Name: Litwin

Email Address: llitwin@sonic.net

Affiliation:

Subject: Please think of others and breathe deep

Comment:

Please do your part to help the earth's air - OUR only air.
THank you

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 20:43:40

No Duplicates.

Comment 260 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: sandy
Last Name: summer
Email Address: summertaxi@yahoo.com
Affiliation:

Subject: ab32
Comment:

Thanks for the greenhouse gas ab32 proposal.

Please clean up the cap and trade scheme so that the business below the cap don't trade credits with other polluters who have not cut emissions.

California used to be on the cutting edge of forward thinking. CA set the standards for a better future and the rest of the country followed. You have the opportunity to write a cleaner future for the entire country.

Please take the chance, be tough and clean. Step into the future.

regards
sandy summer

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 20:36:57

No Duplicates.

Comment 261 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Barbara

Last Name: pahre

Email Address: bpahre@pacbell.net

Affiliation:

Subject: no pass for major polluters

Comment:

Thank you for your work on greenhouse gasses. Please correct the one portion of the bill that would allow the worst offenders to continue polluting. Thank you. Barbara Pahre

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 20:54:16

No Duplicates.

Comment 262 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: David and Claudia
Last Name: Chittenden
Email Address: davidlc56@hotmail.com
Affiliation:

Subject: Cap on Green house gas emissions
Comment:

Dear Friends
Please support the Calif League of Conservation Voters and
other Earth friendly groups in their attempt to save our planet
and our lives
Thank You
David and Claudia

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 20:57:25

No Duplicates.

Comment 263 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Peter

Last Name: Wolf

Email Address: mariposa259-spam@yahoo.com

Affiliation:

Subject: Capping Greenhouse Gases

Comment:

The future of energy use needs to be moving away from CO2 producing sources. The billions of dollars we spend for foreign oil each year jeopardizes the security of our country. We not only are lured into foreign wars to protect our energy sources, but that money is not spent on productive goods or services. Dollars are shipped overseas, forever removed from multiplying through our economy. Yet as our economy founders, we remain teethered to disappearing hydrocarbon energy interests; as supply dwindles, the cost inevitable will rise. Yet we continue blindly into global warming, when the very source of the heat is the solution to all our problems. Free, plentiful, non-polluting energy beats down upon us daily. Solar energy cost is simple the cost of harvesting it. The process of building the solar industry to do that will provide jobs that will provide jobs as that money is spent again and again instead of being shipped overseas, boosting the tax base, and providing employment. Though small now, by demanding that greenhouse gases be removed from the energy economy will provide the incentive for that industry to invest and grow, which will drive down the cost further. Legislation to require power companies to pay the prevailing rate to the small producer (such as home rooftops) will provide further incentive to commit the capital to put those solar panels into service. But wait, that's not all, because local electrical generation eliminates the huge loss of energy that come with transporting electricity from central, distant power generating plants. The solution to so many of our problems are beating down on our heads everyday, a win-win situation for our state and country (except for the big oil companies). This strategy will make worries about reducing greenhouse gases a moot point. As local solar power supplies 5%, then 10%, then 15% and 20% of energy needs, the costs will fall. The market for oil will collapse. Dangerous deep water drilling will be no longer economically viable. And most of this can be accomplished with requiring power companies to pay solar producers to supply the electrical grid, and tax incentives to make investing in solar cost effective.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 20:46:55

No Duplicates.

Comment 264 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Michael
Last Name: Harris
Email Address: drmikeh49@comcast.net
Affiliation:

Subject: AB 32 Scoping Plan
Comment:

to the members of CARB:

California's voters have shown strong support for the climate change remediation measures contained in AB 32 by soundly defeating the attempt to repeal it. Please listen to the California electorate and implement AB 32 in a way that does not give away pollution allowances to the biggest polluters. This would remove the financial incentive for them to reduce their greenhouse gas emissions, which is the entire point of AB 32.

I'm doing my part-- we own one hybrid and one high mileage conventional-engine auto, and we have solar panels that provide most of our electricity.

I want the biggest emitters to do their part, too.

Michael Harris
San Rafael CA

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 21:10:14

No Duplicates.

Comment 265 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Andee
Last Name: Steinman
Email Address: andeegail@mac.com
Affiliation:

Subject: AB 32 Scoping Plan
Comment:

Please don't allow the biggest polluters to pollute MORE. There must be a better way to implement this plan!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 21:18:28

No Duplicates.

Comment 266 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: James R
Last Name: Steinman
Email Address: steinman@mac.com
Affiliation: California Teacher and Resident Voter

Subject: AB 32 Scoping Plan
Comment:

Chairman Nichols and Members of the Board:

I am pleased to see that implementation the Global Warming Solutions Act (AB 32) is proceeding. However, I currently understand that the cap and trade component would give away the majority of pollution allowances. By doing so, this seems to reward the biggest polluters and weakens the intent of the climate bill. Please remove the allowance giveaways in the current rules and resume helping California to be a leader in this important endeavor.

Thank you,
James R. Steinman

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 21:20:03

No Duplicates.

Comment 267 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Elizabeth

Last Name: Larose

Email Address: elizabethlarose@comcast.net

Affiliation:

Subject: Stop credits to pollute!

Comment:

I want a plan to reduce greenhouse gases that does not allow the big polluters to further profit from their pollution. Please no credits to pollute.

Elizabeth Larose

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 21:43:02

No Duplicates.

Comment 268 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Gail

Last Name: Sredanovic

Email Address: certifiedhypnotist@yahoo.com

Affiliation:

Subject: Keep clearcuts out of offset protocols

Comment:

Clearcuts have no place in the calculation of forestry carbon offsets. Natural forests sequester carbon, but a replanted clearcut site emits more carbon than it sequesters for as much as 20 years. Clearcutting also decreases the ability of forests to withstand climate change.

Natural forests also stabilize the soil and reduce flooding, while providing 60% of Bay Area water. Clearcutting increases flooding and soil loss and disrupts the water table.

Please make sure that clearcutting is excluded from the calculation of forestry carbon offsets.

Gail Sredanovic
Menlo Park, CA

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 22:27:11

No Duplicates.

Comment 269 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Joel

Last Name: Chaban

Email Address: jchaban@allthingsconnected.com

Affiliation:

Subject: Cap and Trade program

Comment:

Please watch Annie Leonard's "The Story of Cap and Trade" to learn how irrational and irresponsible it is to regulate sustainability using credit offsets. This action would let the biggest greenhouse gas polluters (oil refineries, power plants and cement plants) buy offsets in forests throughout the Sierra Nevada and elsewhere, from timber operators that clearcut California's forests. None of the international climate programs include clear cuts, so don't let the timber harvesters set this awful precedent in California's new law. We cannot clearcut our way out of climate change. Please take out provisions that would include clear cuts in the kind of forest projects that are eligible as offsets.

Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 22:55:07

No Duplicates.

Comment 270 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Angeline
Last Name: Johnson
Email Address: joanel@umich.edu
Affiliation:

Subject: thanks from the NW
Comment:

I commend the efforts of the California State EPA, its Air Resources Board, and I ask you to challenge we other states and territories -- and, you already have.

I can only hope our successors find our movements towards a more secure climate, and therefore, future, worthy of respect: hopefully, for your state and the state of New York, real pride for your leadership.

I should hope that our states and territories might enter into a friendly competition towards circumspection and better valuing what we've been gifted with: such amazing resources, and a nation of great talent and energy: we have all we need, really, at hand, to prepare for, re-think our society for, a time with very different energy resources.

Please continue your efforts, and know you're helping set a standard for all of us.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-09 22:25:26

No Duplicates.

Comment 271 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kathleen

Last Name: Hurley

Email Address: kathleen.hurley@basf.com

Affiliation:

Subject: Proposed California Cap on Greenhouse Gas Emissions

Comment:

I am writing simply to send my heartfelt thanks for your state's leadership regarding reducing emissions that worsen global warming.

Our federal government has completely failed to follow the clear science and protect us, and I would prefer to contribute my federal taxes to your state legislature!

Thank you so much, Sincerely, Kathy Hurley

135 Free Union Road
Belvidere, NJ 07823

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 00:21:34

No Duplicates.

Comment 272 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Beth

Last Name: Vaughan

Email Address: beth@beth411.com

Affiliation: California Cogeneration Council

Subject: CCC Comments

Comment:

CCC comments on the proposed cap and trade regulation.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/352-12-9-10_dft_ccc_comments_proposedcapandtraderegulation.pdf'

Original File Name: 12-9-10_DFT_CCC_Comments_ProposedCapandTradeRegulation.pdf

Date and Time Comment Was Submitted: 2010-12-10 00:36:29

No Duplicates.

Comment 273 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Phyllis

Last Name: Murdoch

Email Address: phyllis@astound.net

Affiliation:

Subject: Greenhouse Gas Emissions Cap

Comment:

And why would you help companies avoid compliance? Get rid of the give away to business. Stop the political games and just require what we need to fix the air quality.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 01:17:17

No Duplicates.

Comment 274 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John

Last Name: Mathews

Email Address: lunnybin@gmail.com

Affiliation:

Subject: Can we stick with science and reasoning?

Comment:

Can we stop having rhetoric determine public policy and use science as a basis for our decisions?

<http://www.ucsus.org/publications/ask/latest.html>

Global Warming is real and we need to do what we can to cap it.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 01:55:59

No Duplicates.

Comment 275 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Joan

Last Name: Raphael

Email Address: jlfraphael@yahoo.com

Affiliation:

Subject: cap and trade

Comment:

This is an essential step to meet the goals. It will end up creating more jobs and new careers for Californians, and will let us become the leader of the nation again.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 05:24:42

No Duplicates.

Comment 276 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Melinda

Last Name: Stewart

Email Address: Melinda@exhibitorservice.com

Affiliation:

Subject: Please Don't

Comment:

Please just walk away from this awful situation. Please do not do this to our state. Please . . . You are negatively effecting lives of many people with no solid benefit. It is not necessary to do what you are doing. Just walk away from this huge regulatory tentacle you are wrapping around our state. You must know in your heart that this is wrong and unnecessary.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 05:54:57

No Duplicates.

Comment 277 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Richard and Chihoko
Last Name: Solomon
Email Address: risolom@gmail.com
Affiliation:

Subject: cap and trade 10
Comment:

We are strong supporters of the need to establish and maintain cap and trade practices here in Calif. Our state can show leadership that other states and Washington DC can follow in this and other regards when it comes to protecting our environment and developing realistic and credible alternative fuel sources. The lives of our children and grandchildren depend on us doing these things!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 06:06:55

No Duplicates.

Comment 278 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Melinda

Last Name: Stewart

Email Address: Melinda@exhibitorservice.com

Affiliation:

Subject: Cap and Trade

Comment:

First . . . If you are so sure what you are doing is right, then there is no reason not to give people more time to respond to your program. You will only need to give this plan the bums rush if you know in your hearts it is wrong.

Second . . . Don't you know Global Warming is a huge scam? It is like everyone but you know the emperor is not wearing any clothes. Wake up and look around. You are the only western state still moving on this . . . Are you crazy?

This will not only effect the farmers in our state, but the cost of foods for everyone. Are you trying to move agriculture out of the country?

You have the power to extensively damage lives of many people, forever changing our ability to compete and produce food . . . All because you are still drinking the cool-aid Professional illusionist Al Gore gave you. Wake up! Get real! Be a hero . . . Do not let this happen!

At the VERY least, you should give more time for public debate.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 06:07:02

No Duplicates.

Comment 279 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Luke

Last Name: Massman-Johnson

Email Address: Luke@DesignToolbox.com

Affiliation:

Subject: My family is doing our part: you do yours!

Comment:

I'm an LA citizen, voter, and green advocate. I am educated and active about the science and politics of climate change, and I'm a founding member of the sustainability committee at my children's elementary school. I have bicycle-commuted for over 20 years, and have painstakingly designed my work, travel, and home life to minimize my family's carbon footprint.

These changes have not come easily for me or my family. We are constantly (but eagerly) compromising convenience and cost in all our consumer and business decisions. My wife and I are self-made small business owners and it is especially difficult in this long recession to 'go slow' and 'take the high road' for the environment: biking instead of driving; video conferencing with clients instead of flying to meetings; sourcing materials locally, manufacturing more sustainably, at a higher cost and lower profit; ambitious reduction / reuse / recycling at home and work.

It is a faith, a calling, an act of patriotism, integrity, and duty. We know minimizing our impact on the climate is an urgent challenge of unprecedented scale, and we are proud to model thoughtful and responsible living for our children, and to inspire the 'green' in our family, peers, and co-workers.

We must also recognize the overwhelming role the US industrial revolution and globalized Western consumer economy has had in pushing all our climate to the tipping point. I am by no means anti-corporation or anti-business. Nor am I anti-fossil fuel. These ideas and innovations have fundamentally advanced civilization in every imaginable way.

But they have also had an unsustainable cost which is now well understood, and for which we have the responsibility to correct.

A greener economy is inevitable. The US can either lead the charge and confirm it's place as a 'can do' world leader, or it can whine and hide and deny. If we do the latter, not only will we suffer the shame of having set this disaster in motion and not being willing to do a damned thing about it, but also the exponential 'catch up' costs of rebuilding our rusting industries to match the new world standards being adopted everywhere else.

So me and my family are voluntarily making sweeping changes in our lives, trying to 'live Kyoto' every single hour of every single day. And most of the rest of the world is waking up and starting to do the same.

The buzz at this week's COP16 summit in Cancun has made it blatantly clear that world opinion is so disparaging and disappointed about the US stance on climate change that IT WOULD BE BETTER FOR THE WORLD IF WE DIDN'T SHOW UP AT ALL.

What?! This isn't the US anyone wants.

Yet somehow, with almost no practical political power in the last two years, the foot-dragging, obstructionist, climate-denying, profit-above-all Republicans have been phenomenally successful at keeping US citizens and gullible politicians both confused and apathetic. The results of their ambitious and disingenuous schemes have paid off:

IT WOULD BE BETTER FOR THE WORLD IF WE DIDN'T SHOW UP AT ALL.

I can't wait to see what they do with the additional leverage they gained by controlling the House in 2011.

Meanwhile, those of us that see the light and know what integrity and patriotism mean are willing and eager to shoulder the task of evolving. So it is unconscionable that the largest corporate and industrial polluters - with the collusion of their republican climate deniers and lobbyists - would be given billions of dollars of giveaways.

The entire world knows the 'non-negotiable' American / western / consumerist way of life is at the heart of this crisis - and it is utterly unsustainable. Facing our responsibility, stepping back into a leadership position, and evolving won't destroy our way of life - it will make it better than ever, and ensure that it can go on for many generations to come.

Thank you for your careful consideration.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 06:20:22

No Duplicates.

Comment 280 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Glenn

Last Name: Wolf

Email Address: glenn.wolf@sbcglobal.net

Affiliation: NDRC

Subject: pollution control

Comment:

I can't believe that you would even think of giving the worst polluters credits to do what they want. It is bad for the environment and it is obviously bad for people. We have to suffer with this stuff and it's not just anonymous people, you yourselves are breathing and drinking it and probably have health problems from it. Asthma, lung cancer and skin cancers are rampant in our society and I believe your family is affected the way my family is.

If we can make one difference in California as a state it is to reduce air and water pollution not increase it. California has been a leader for a long time and we need to make the rest of the nation take note. We sell more hybrid cars than any other state but we need to get control of these other sources of pollution in air, land and water.

I live here because of the climate and progressive thinking people. I have a Masters degree in Landscape Architecture and we talked a lot about preserving resources and reducing pollution. You need to be aware that your reputation as a law maker is on the line and being recorded. Do you want to be known as a sell out? or do you want to stand up and lead the charge to a better society?

I'd rather have a better environment!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 06:11:48

No Duplicates.

Comment 281 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jeff

Last Name: Roberts

Email Address: jlrobertshall@gmail.com

Affiliation:

Subject: AB 32

Comment:

Chairman Nichols and Board members,
I support AB 32 as many of my fellow Californians do. I am in agreement with the Bill on many points, but want to make sure that the largest polluters are held to the same standards as all the others. Please remove the huge give aways that are in the rules for the largest polluters and hold all polluters to the same accountability and standards.

Thank you for your diligence in helping to provide a healthy environment for our children and being a an innovator in the future of greener living.

sincerely,
Jeff Roberts

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 06:40:54

No Duplicates.

Comment 282 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Barb

Last Name: Knoth

Email Address: barbarawatsonmn@yahoo.com

Affiliation:

Subject: Greenhouse gas caps

Comment:

Congratulations! You will be a positive example for the rest of the world-go for it!!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 06:59:06

No Duplicates.

Comment 283 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ernest

Last Name: Machen

Email Address: ernestmachen@gmail.com

Affiliation:

Subject: Don't give away pollution credits to big polluters!

Comment:

The California Air Resources Board is seriously out of touch with the citizens of California if it is contemplating giving away pollution credits to big polluters. The lopsided recent defeat of Proposition 23 should make that clear enough. Please do not coddle big corporations. Please do not reward big polluters for polluting by giving away pollution credits to them.

Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 07:18:52

No Duplicates.

Comment 284 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Alan

Last Name: Stoltzfus

Email Address: astoltz@sonic.net

Affiliation:

Subject: Cap and Trade

Comment:

Jobs will be created if all of the goals of AB 32 are implemented.
If some polluters are let off the hook, what will that do for the
economy? NOTHING.

Please hold the line on all of AB 32.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 07:50:22

No Duplicates.

Comment 285 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kalyn

Last Name: Hill

Email Address: klh@unwiredbb.com

Affiliation: Central Valley Tea Party

Subject: Suspend AB 32 Rate Hikes

Comment:

Al Gore admitted that his advocacy of ethanol was a mistake driven by political calculations. Gore joins other environmentalists who now realize biofuels drive up the cost of gas and food while using large quantities of fossil fuels to produce in the first place. CARB has not yet gotten the memo, and is proceeding with an [...]

We cannot afford more unnecessary debt especially when it would take food off the plate for many.

That equals a big no and asking to suspend AB 32.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 09:48:07

No Duplicates.

Comment 286 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Nicole

Last Name: Schuetz

Email Address: nicole.schuetz@gmail.com

Affiliation:

Subject: Support for AB32

Comment:

I applaud the California Air Resources Board for their work developing the draft regulation. As a California resident, I believe AB32 is an extremely important means of improving the health of California's citizens, increasing the resiliency of California's natural environment, and securing California's place as an economic leader.

The courageous and innovative path the ARB has taken with the draft AB32 regulation is an example for the rest of the country (and the world) to follow.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 09:50:01

No Duplicates.

Comment 287 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: jim
Last Name: petralia
Email Address: jimpetralia@ca.rr.com
Affiliation:

Subject: tax credits
Comment:

Do not give tax credits to businesses that pollute our environment.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 10:00:46

No Duplicates.

Comment 288 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Cook

Last Name: Braxton

Email Address: yaralindi@yahoo.com

Affiliation:

Subject: Cap Greenhouse Emissions

Comment:

Doing this at this time would be bad for business. The economy is just starting to turn around. Why risk scaring away potential businesses that might want to come to California? Why make it more difficult for current businesses to grow?

Stop this. Wait until unemployment is below 5% and then work on emissions.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 10:08:53

No Duplicates.

Comment 289 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: charlotte

Last Name: donovan

Email Address: charleyrsd@att.net

Affiliation:

Subject: Rules for effective and just promulgation of AB 32

Comment:

Members of California Air Resources Board:

I request that you very carefully consider evidence that cap and trade does not offer a solution to the air pollution problem. When the polluters are rewarded for polluting, they will not be encouraged to stop polluting.

There are many people suffering physically from pollution, and these people are not the one causing it. There is a need to insert JUSTICE as a required element in the rules you make. AB32 cannot be effective if the rules continue to permit pollution and the polluters are rewarded for it.

Remember also that the entire planet needs better air.

Charlotte Donovan

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 10:03:48

No Duplicates.

Comment 290 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jody

Last Name: London

Email Address: jody_london_consulting@earthlink.net

Affiliation: Local Gov't Sustainable Energy Coalition

Subject: LGSEC Comments on Draft Cap and Trade Regulation

Comment:

Attached please find comments of the Local Government Sustainable Energy Coalition on the draft Cap and Trade regulation, to be considered by CARB on Dec. 16.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/389-2010_12_10_lgsec_to_carb_re_draft_cap_and_trade.pdf'

Original File Name: 2010_12_10 LGSEC to CARB re draft Cap and Trade.pdf

Date and Time Comment Was Submitted: 2010-12-10 11:03:20

No Duplicates.

Comment 291 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kimberly

Last Name: Hughes

Email Address: kimberlymh@earthlink.net

Affiliation: Calif. Citizen / Voter

Subject: REDUCE GREENHOUSE GASSES

Comment:

Please go forward with a plan to reduce greenhouse gases that does not allow the big polluters to further profit from their pollution.

Do not compromise the greenhouse reduction plan with credits for large or small companies to continue producing greenhouse gases unabated.

Many thanks,

Kimberly Hughes

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 11:27:09

No Duplicates.

Comment 292 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: David A.

Last Name: Bischel

Email Address: davidb@foresthealth.org

Affiliation:

Subject: California Forestry Association

Comment:

Please see attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/391-david.pdf'

Original File Name: David.pdf

Date and Time Comment Was Submitted: 2010-12-10 11:31:43

No Duplicates.

Comment 293 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Richard

Last Name: Johnson

Email Address: thesoil02@isp.com

Affiliation:

Subject: cap on greenhouse gas emissions and market-based compliance mechanisms regulation
Comment:

I am writing from Arlington, Virginia but protection of the environment and combating global climate change is an issue that affects every American.

I support California's efforts to reduce greenhouse gas emissions. Green energy such as wind and solar creates jobs and innovation and puts California, and then the nation, further ahead in adopting new technology and fighting for our environment and our future.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 11:29:41

No Duplicates.

Comment 294 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Nancy

Last Name: Allred

Email Address: nancy.allred@sce.com

Affiliation: Southern California Edison Company

Subject: SCE Comments on Cap-and-Trade Proposed Regulation

Comment:

Please see attached comments of Southern California Edison Company on CARB's Cap-and-Trade Proposed Regulation.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/393-sce_comments_to_carb_on_cap-and-trade_proposed_regulation.pdf'

Original File Name: SCE Comments to CARB on Cap-and-Trade Proposed Regulation.pdf

Date and Time Comment Was Submitted: 2010-12-10 11:00:12

No Duplicates.

Comment 295 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: lance
Last Name: glover
Email Address: lance@muddycat.net
Affiliation:

Subject: Implementation of AB 32
Comment:

Chairman Nichols and Members of the Board,

We were very glad to see that AB 32 saw overwhelming public supported at witnessed by the defeat of Prop. 23 in the recent elections. However, as far as proceeding forward in implementation, the devil lies in the details, and we think you will agree that it would be a bad idea to provide financial incentives to businesses that pollute- but giving away the vast majority of pollution allowances under the plan currently proposed will do just that.

Please reconsider this portion of the implementation strategy.

Thank you,
Lance Glover

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 11:33:04

No Duplicates.

Comment 296 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Robert
Last Name: Means
Email Address: rob.means@electric-bikes.com
Affiliation: Sustainable Habitat

Subject: "cap and trade" vs. "cap and dividend"

Comment:

These comments address your plans for a "cap and trade" strategy for dealing with CO2 emissions.

Cap and trade is fundamentally flawed because it rewards the state's biggest polluters by giving them (corporate welfare?) credits that the consumers must ultimately pay for and that Wall Street tycoons can trade for huge profits.

A far better approach to reducing CO2 emissions and supporting our economy (i.e. putting money into the hands of people that will spend it) is cap and dividend. By charging the corporations for the opportunity to pollute and dispersing that money to the citizens of this state, we put power into the hands of consumers to choose alternatives.

For more details, see <http://www.capanddividend.org/>

Rob Means, Electro Ride Bikes and Scooters
408-262-8975 rob.means@electric-bikes.com
1421 Yellowstone Ave., Milpitas, CA 95035-6913
Discover cycling that's Easy, Safe, Fast - and FUN!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 11:35:32

No Duplicates.

Comment 297 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ralph

Last Name: Moran

Email Address: moranrj1@bp.com

Affiliation: BP America, Inc

Subject: Comments to Proposed Cap and Trade Regulation

Comment:

*

Attachment: 'www.arb.ca.gov/lists/capandtrade10/396-bp_comment_ltr_on_carb_cap_and_trade_reg_12_10.pdf'

Original File Name: BP comment ltr on CARB cap and trade reg 12 10.pdf

Date and Time Comment Was Submitted: 2010-12-10 11:46:32

No Duplicates.

Comment 298 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Carol

Last Name: Becker

Email Address: cbecker43@comcast.net

Affiliation:

Subject: public hearing on adoption of proposed cap

Comment:

Get it right. No credits for big time polluters in our California.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 11:50:16

No Duplicates.

Comment 299 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: anne
Last Name: earhart
Email Address: mimulus@me.com
Affiliation:

Subject: AB 32 implementation
Comment:

Dear Board,
I hope that you will implement a plan that does not let the big polluters avoid or gain from any of your actions. All of the large industrial polluters in California are externalizing their pollution costs and we are all paying for it in terms of health effects and so many other costs to society at large. Not only do large industries get a free ride for their externalized costs but I would hate to see them rewarded with more pollution credits. Please stand firm for the health of our citizens and our economy.
Sincerely,
Anne Earhart

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 12:09:44

No Duplicates.

Comment 300 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Wendy Lou
Last Name: Pollock
Email Address: wendy1john32@gmail.com
Affiliation: Private Citizen

Subject: Cap and Trade
Comment:

Your proposed action would result in widespread misery to the poor.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 12:40:33

No Duplicates.

Comment 301 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

This comment was posted then deleted because it was unrelated to the Board item or it was a duplicate.

Comment 302 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Mark

Last Name: Reback

Email Address: mark@consumerwatchdog.org

Affiliation:

Subject: Public Comment on Cap & Trade 10

Comment:

Thank you for taking global warming seriously and developing a plan to reduce global warming pollution while at the same time creating jobs and making California a healthier and more prosperous place to live. The proposed program will decrease global warming emissions from the state's largest polluters and establish a market price on these emissions. This program is one of many policies CARB is using to reach the state's goal of reducing global warming emissions to 1990 levels by 2020, along with renewable energy, energy efficiency, and cleaner transportation standards.

Parts of the proposal are strong, such as setting a limit that declines each year, and setting a minimum price on carbon pollution. This steady price signal will help businesses make long-term investments in strategies to reduce global warming emissions.

I recommend that the program be strengthened by requiring more of the state's largest polluters to pay for their global warming emissions instead of giving permits away for free. By forcing polluters to pay for the emissions they generate by purchasing permits in an auction, we can then re-invest the auction funds into efforts that will help us transition to a cleaner economy and help lower energy costs for Californians—such as making homes and businesses more energy efficient, increasing public transit options, and developing wind and solar projects in California.

Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:18:02

201 Duplicates.

Comment 303 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Brad

Last Name: Saunders

Email Address: bradsaunders1@yahoo.com

Affiliation:

Subject: Our Future

Comment:

Please make sure the future of our children and our grandchildren will be a good one. Make sure California leads the fight to stop global warming.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:19:53

No Duplicates.

Comment 304 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Marilyn

Last Name: Gravelle

Email Address: essencemusic@neteze.com

Affiliation:

Subject: AB32

Comment:

I want a plan to reduce greenhouse gases that does not allow the big polluters to further profit from their pollution.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:19:59

No Duplicates.

Comment 305 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Dorian

Last Name: Sarris

Email Address: dsarris@calmtg.com

Affiliation:

Subject: Climate change

Comment:

350 everyone! WHO ARE WE KIDDING BUT OURSELVES? As usual we, humans, are hiding our ostrich-like brains in the sand. Let's fix this now! Oh, there is not enough money. Cheaper now than later...ALWAYS!!!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:19:58

No Duplicates.

Comment 306 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Shann and Dennis

Last Name: Ritchie

Email Address: sritchie@ucsc.edu

Affiliation:

Subject: Public Hearing Adoption of Cap on Greenhouse Gas emissions

Comment:

We urge you to strengthen the proposed program for decreasing global warming emissions from the state's largest polluters. It is the right thing to do...as goes California so goes the nation. It is not just a catch phrase...Make sure you don't sell us out.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:20:16

No Duplicates.

Comment 307 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Sherrill

Last Name: Futrell

Email Address: safutrell@ucdavis.edu

Affiliation:

Subject: Your Global Warming Program

Comment:

Thank you for your work on climate change. I do ask that you strengthen your program by requiring more of the state's largest polluters to pay for their global warming emissions instead of giving permits away for free! By forcing polluters to pay for the emissions they generate by purchasing permits in an auction, we can re-invest that money in making homes and businesses more energy efficient, increasing public transit options, and developing wind and solar projects in California. Thank you!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:18:57

No Duplicates.

Comment 308 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Khoi

Last Name: Bui

Email Address: kn_bui@yahoo.com

Affiliation:

Subject: Real science

Comment:

I am no scientist but like to ask two questions:

1) Of every one hundred scientists who have studied the climate change, does the majority agree it's a real threat or just a hoax?

2) Will people who claim global warming a real threat have a direct financial interest in the fight OR the deniers, who believe global warming is a hoax, have more at stake?

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:20:34

No Duplicates.

Comment 309 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jay

Last Name: Turner

Email Address: jay.turner@accelrys.com

Affiliation:

Subject: Don't let polluters off too easily

Comment:

We know that past efforts to regulate pollution were greeted by industry and their ideological allies with hyperbole and predictions of doom, but always the benefits of regulation have vastly outweighed the costs. American business has always responded in the end by innovating and finding low-cost strategies to comply with environmental regulation. Don't set the bar so low that Californians lose out on the health and economic security benefits we could achieve by pressing industry to innovate.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:20:34

No Duplicates.

Comment 310 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John

Last Name: Brockman

Email Address: bernandjohn@yahoo.com

Affiliation:

Subject: Stronger Clean Air Standards needed

Comment:

Please, no more Ecocide for the short-term benefit of the fossil fuel industry. We need cleaner air, cleaner jobs, cleaner energy, better health and greater security. Take stronger action now and lead the world to stop delaying the death of the fossil fuel industry.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:24:32

No Duplicates.

Comment 311 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Susan
Last Name: Cadman
Email Address: ccadman@hotmail.com
Affiliation:

Subject: Please strengthen our Global Warming proram
Comment:

Thank you for taking global climate change seriously. A plan to reduce pollution while rebuilding jobs is not only good for California, it is good for all of America and the world. There are some suggestions for making the CARB program even stronger, which have been presented by the Union of Concerned Scientists. Please consider their suggestions as you go forward.

These suggestions include:

1. Commit to maximize the use of auctioning as a method of allocating allowances.
2. Create dynamic product output based benchmarks that reflect best practices in the sector.
3. More clearly define CARB's role in offset decisions.
4. Ensure that offsets cannot be sold more than once through different registries.
5. Lower the offset limit.
6. Increase transparency.
7. Require allowance vlaue allocated to utilities to benefit ratepayers, meet the objectives of AB 32, and facilitate emission reductions above and beyond BAU.

Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:24:43

No Duplicates.

Comment 312 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Richard

Last Name: White

Email Address: rcwmds@cox.net

Affiliation:

Subject: Cap on Greenhouse Gas Emissions

Comment:

There is by now sufficient scientific information on greenhouse gas emissions to warrant their close study and control. Those who oppose this either have a financial stake they don't want to relinquish or they are too dumb to even recognize the emissions problem. Prejudiced, religious, or other uninformed reactions to the problem merely indicate the number of brain dead people who live in this country.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:28:11

No Duplicates.

Comment 313 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jack

Last Name: Nilles

Email Address: jnilles@jala.com

Affiliation: Telecommuting Research Institute

Subject: Cautionary remarks

Comment:

First, thank you for your continued efforts in leading the march toward a sustainable and healthy environment. Your plan to reduce global warming while also creating jobs is a major step in the right direction. Of particular importance is the plan for a steady transition from today's conditions to limits that will produce the desired ends while maintaining economic balance.

However, I urge you to learn from the experience of the European Union. Europe was far too generous in giving away permits to polluters--to the extent that far too little reduction in pollutants occurred. Please do not give free credits to polluters. Instead force them to pay for the emissions they create by buying permits at auction. The resulting funds can be used to sustain and promote additional measures for easing the swift transition to a better environment.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:24:28

No Duplicates.

Comment 314 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Binh

Last Name: Nguyen

Email Address: volleyball90266@yahoo.com

Affiliation:

Subject: Greenhouse Gas Emissions

Comment:

I want to thank you for taking global warming seriously, believe it or not there are global warming deniers out there, even at the highest levels of government. I'd like to also stress that our heaviest polluters need to pay for the pollution they generate, as opposed to being able to pollute for free. Only when penalized monetarily will they even think of changing, but when they're not challenged, they will always keep the status quo and only adapt when it benefits them to do so economically.

Regards,

Binh Nguyen

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:36:24

No Duplicates.

Comment 315 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Anthony

Last Name: Robbins

Email Address: Robbins.Tony@gmail.com

Affiliation:

Subject: California Air Resource Board

Comment:

I have a dream that California will become a state that eliminates from it's economy, and financial support, all companies and businesses that do not do their part to create goods and services that help the state create less pollution, less trash and overall waste.

I believe that California can create an entirely new economy that is based on sustainable and renewable goods and services in all aspects of life. But this could never happen if we are lax with our clean environment laws.

Stay strong and uncompromising, because 'big oil' isnt the only option we have.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:24:40

No Duplicates.

Comment 316 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Gina

Last Name: Kray

Email Address: ginakray@earthlink.net

Affiliation:

Subject: Please adopt the CA cap on greenhouse Gas emissions etc

Comment:

We can act now or pay heavily later. In the past we have had opportunities to make progress in this area and we did not take advantage of it. In fact the progress that was made was reversed during the Reagan administration. We are now seeing the impact with rapidly melting polar icecaps and extreme weather conditions than have lead to flooding and droughts. Of course we could procrastinate longer until the situation brings us to our knees or we could act with wisdom now and begin to shift in a new direction. The fossil fuel companies need to get on board and be part of the solution and become innovative in creating clean energy technology. Perhaps it would be more palatable to them if there were state and federal incentives offered that would inspire their leadership to move in a different direction. I would rather see everyone working side by side rather than engaging in negative time wasting battles to maintain the status quo. Yes they've a heavy investment in fossil fuel energy so let's be empathetic and give incentives for the changes we want to see. As a consumer I will support any fossil fuel industry that can demonstrate progress in this direction. Please support all legislation to move us rapidly in a new direction. It is time for conscious peoples to unite in working towards progressive change. Our children will be the beneficiaries of our actions right now and we will have the satisfaction of creating a better future for them whether we are here to see it or not.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:30:21

No Duplicates.

Comment 317 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ellis

Last Name: Levinson

Email Address: cherellis@att.net

Affiliation:

Subject: Global warming

Comment:

Businesses based in - or that do business in - California, should be held responsible for the damage they cause. Justas we pay recycling fees for the TV sets and monitors we buy, the companies that produce environmental damage should be taxed as well.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:44:54

No Duplicates.

Comment 318 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ken

Last Name: Miller

Email Address: KenMiller@energycompliance.com

Affiliation:

Subject: Greenhouse Gas Emissions Options

Comment:

There are a number of life-cycle-cost effective energy efficiency measures that could be implemented, including review of appliance standards nationwide, but including such things as gas-fired fireplaces - eliminate decorative F.P.s, which are 50% afue, e.g. 50k Btuh input @ 25k output, vs. their certified heating appliance versions @ 50k & 35k Btuh output. There's no reason, economically, let alone Climate change-wise, to delay implementing reductions in emissions by requiring upgrades in efficiency, whether it's a coal plant moving to fluidized burning (40% vs. 33%) or by improving home appliances... Increase the pace of improvements in performance of our economy, by keeping our energy \$'s here in efficiency improvements vs. exporting them for buying energy supplies... Demand-side improvements vs. supply acquisition...

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:44:08

No Duplicates.

Comment 319 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Wendell

Last Name: Hovey

Email Address: whovey@sbcglobal.net

Affiliation: Instructor at CSU-Fresno

Subject: Global Warming

Comment:

I am an Emeritus Professor of Civil and Environmental Engineering, from South Dakota School of Mines and Engineering. I am convinced by all I have read that global warming is a real phenomena, and that it is necessary we minimize greenhouse gas emissions. My understanding of Cap and Trade policies is that they work. We need to put them in place and give the market time to establish.

Dr. Wendell H. Hovey, Ph.D. (UC-Davis)

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:42:44

No Duplicates.

Comment 320 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Will

Last Name: Yeager

Email Address: gardenbeekeeper@yahoo.com

Affiliation:

Subject: Greenhouse Emissions

Comment:

Greenhouse emissions cause economic and environmental damage that already is in the trillions, strong measures to prevent Greenhouse Emissions are needed to prevent the damage from escalating into extinction.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:51:30

No Duplicates.

Comment 321 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Lynne
Last Name: Cadman
Email Address: zippianna@yahoo.com
Affiliation:

Subject: Comment in Regards to capandtrade10
Comment:

I've just read what is happening to the glacier that supplies Peru with fresh water.

I can't think of any other single event that screams out that we have to take a forward step to curb California's emissions, and help to stop a disaster that is literally a few years away.

Please consider the whole earth when you make your decisions. We are all in this together. There is only one Earth so far as we know.

We can help to finance this reform by forcing polluters to pay for their emissions by buying permits, rather than just giving away permits for free.

In my humble opinion, they have operated free for too long. It has to end.

Thank you for all that you are doing to try to insure a future for our children, and their world.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:48:57

No Duplicates.

Comment 322 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John

Last Name: Bedecarre

Email Address: jcbcd@sbcglobal.net

Affiliation: Concerned Citizen

Subject: Protection of the Environment

Comment:

Please...Listen to the scientists...the overwhelming number of the most respected scientists in the world for presenting the facts...not to a handful of contrarians, some backed by powerful polluters...to hear the facts. Then act in the best interests of our state and our people. Time is running out...lets not wait til we hit the tipping point and have to resort to emergency measures to protect the Earth itself.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:48:44

No Duplicates.

Comment 323 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Shirley

Last Name: Freriks

Email Address: sfreriks@mcn.org

Affiliation:

Subject: Appreciate strong position of capping greenhouse gases

Comment:

Please stay strong to stop the companies that violate the standards. Maybe fine them to get their attention. Seems to be effective. This is a critical issue for the long term future of our civilization.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 15:00:58

No Duplicates.

Comment 324 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Dominik

Last Name: Zelichowski

Email Address: houseisthekey@yahoo.com

Affiliation:

Subject: ALternative Energy and Climat Change

Comment:

I am writing on behalf of the the green, renewable, local alternative energy industry and as an unemployed person who can't find work, I strongly encourage this growing field and strongly oppose the greedy oil companies who have done the damage they have throughout the world. I'm in pursuit of getting a job and the only industry I am finding that I want to work in and that is ready to train and hire me is the solar and wind industry. Thank goodness fro renewables. The oil and coal companies are selfish corporate conglomerates that don't care about anyone except for themselves. They want to get rich off of us and will go to great lengths to lie through their teeth about how we need to keep being reliant on oil. The climate denialists are not scientists and even the one or two scientists that the oil lobbyists find to tell lies are crooked and are getting paid heavily to lie about climate change. I have asthma and so does my 6 year old brother. We live close to the richmond and martinez, CA refineries and the air here stinks. I don't drive a car and I don't like cars being the bicyclist that I am. The future is clear; not dirty like the oil companies want. Oil companies deserve to pay and I hope they will lose all their battles in court because they deserve death penalties for pillaging mother earth and the peoples ways of lives all over the world, whether it's mountain top mining, shale drilling, or open pit mining in Alberta, or whether it's what happened with Shell and the execution of a nonviolent activist Ken Saro Wiwa in Nigeria Africa, or to ECUADOR and Texaco's DISASTER or excuse me, CHEVRON'S MESS using outdated equipment and practices just to pinch pennies to be more lucrative. It is catastrophic to what the oil companies have done to the people and the environment. We are at peak oil and we it doesn't make sense to drill off the coast of Alaska either. The amount of money, energy, water, and degradation to the air and environment is something that needs to be put at an end coming mid 21st century or sooner. The fate of human civilization depends on it! The oil companies are fighting an uphill battle. We the people of the world who have not been brainwashed and have some sort of education and know what peer reviewed scientific literature is and what it says, well all of us know the obvious. The oil companies are not wanted. Stop the destruction of earth and lets fight climate change because our lives and the lives of future generations depend on it. Economics of today make no sense and discount rate is bullshit. Its all about Rio's classic definition of what sustainability is. We really need to start factoring in externalities in economice because if we keep rapin our earth for her precious resources, there won't be any left and there will be a tipping point and when that tipping point hits, it will be too little too late. Please put caps on greenhouse gas emissions.

That's the least we can do to make these dirty, greedy, heartless, oil companies pay. The oil companies should be investing in renewables. The percent they invest currently in renewables, comparing to what they are investing in general and especially in deep horizon off shore drilling is a joke! I'm pissed and I want the equality and liberty we the people of california and the world deserve. OIL COMPANIES WILL BE THE DEATH OF THE WORLD! THEY HAVE TO BE STOPPED! Now lets not forget to what happened off the coast of the gulf of Mexico. Oil spills happen all the time and we don't need oil or coal, especially in CA. CA is the largest state holding 20% of the people in the Nation. What standards we set will be followed by other states. My have too many investors invested in clean, green technology to move away from it now. Since the feds and the government are moving too slow, we the people of CA need to show America what real leaders are made up of. Just say NO TO OIL!

Attachment: 'www.arb.ca.gov/lists/capandtrade10/465-kensarwiwa.jpg'

Original File Name: kensarwiwa.jpg

Date and Time Comment Was Submitted: 2010-12-10 14:25:15

No Duplicates.

Comment 325 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Luis

Last Name: Lozano

Email Address: llozano@aol.com

Affiliation:

Subject: Strengthen California Air Quality Standards

Comment:

This is not the time to weaken our air quality standards but to strengthen them and ensure that we have the regulations and enforcement mechanisms in place to keep improving our air and that we continue to support those policies that will ensure a future of clean air for all Californians.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 15:01:26

No Duplicates.

Comment 326 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Debra
Last Name: Polansky
Email Address: 720polansky@sbcglobal.net
Affiliation:

Subject: capandtrade10
Comment:

Dear Sirs:

I urge you to create even stronger guidelines to promote a cleaner California environment.

While I am just an "average" citizen I am relying on my government to ensure a healthy environment for people like myself with asthma and other lung conditions.

I am also relying on my government to promote green technology and to move California into an infrastructure that embraces the necessary changes to a green energy grid.

Please do not be swayed by the emotional arguments of the global warming naysayers. The world scientific community has proven over and over again through meticulous research that our environment is imperiled by habitat loss and global warming.

Thank you,

Debra

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:55:49

No Duplicates.

Comment 327 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: steve

Last Name: eittreim

Email Address: eittreimcs@comcast.net

Affiliation: USGS-retired

Subject: Regulation of CO2 emissions; Please hang tough!

Comment:

In a time of somewhat shameful government behavior at the national a state level, the CARB has been a beacon of rationality and hope. Thank you for your work over the years in leading the nation on the important issue of combating man-induced climate change. I fear for my grandchildren's world and I want to do all I can to stabilize and reverse our pollution of the atmosphere with massive amounts of CO2 in the past. As a scientist, I understand how the scientific enterprise is carried out and that those who cry "hoax" haven't a clue at how the IPCC has arrived at its conclusions. There is no way that a group of more than 1000 scientists could produce such a "hoax." I know it is a CONSERVATIVE document that probably understates the problem. Please do not back down in your regulatory duties in bringing California (and perhaps by example the rest of the nation) onto a path of eventually decreasing CO2 emissions. It is already too late, but still, better late than never. Thanks again for your work.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:56:39

No Duplicates.

Comment 328 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: William
Last Name: McLaughlin
Email Address: solidteam@aol.com
Affiliation: Solid Team, LLC.

Subject: Offset Protocols
Comment:

The offset protocols receiving initial consideration are those currently established by the Climate Action Reserve, which represent the protocols judged to be easiest to be established and representing significant quantities of carbon dioxide. Linkage is also expected the Western Climate Initiative. Within the area served by the WCI, there are other appropriate standards, such as ISO-14064-2.

One would hope that these other standards would also be allowable, particularly, if the quantification and verification analyses were done within the WCI territories. It could have a major impact within the industry without compromising integrity.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 15:02:23

No Duplicates.

Comment 329 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jack

Last Name: Pouchet

Email Address: pouchet1@gmail.com

Affiliation: Emerson Network Power

Subject: Addressing Global Warming

Comment:

Your efforts to help California take a leadership role in reducing pollution and protecting the environment are admirable and appreciated. However when it comes to Global Warming the very term defines the scope, global, and without uniform action by the number one emitter of Global Warming emissions (CO2e) all of California's actions are overshadowed by China's wonton disregard for the environment.

Please do not take any more steps to reduce emissions in California without 1, agreement at the National level that every state and the District of Columbia will agree to these new standards (hence a national policy better developed by the EPA and DOE) and 2, that these new standards are International in scope with China, India, Russia, Brazil, Indonesia, and the EU all signatures thereto.

Without such agreement there is little to no incentive for California's taxpayers, ratepayers, and businesses to support a unilateral tax on emissions. This one-sided enforcement creates a situation where Californians are asked to start bailing water on the Titanic while the rest of the world is still partying.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 15:00:50

No Duplicates.

Comment 330 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Leslie

Last Name: Spaiser

Email Address: leslie@spaiser.net

Affiliation:

Subject: Climate Change

Comment:

Please support strengthening our laws concerning the Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation,

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 15:11:24

No Duplicates.

Comment 331 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Dan
Last Name: Kalb
Email Address: dank1@well.com
Affiliation: UCS

Subject: Board Members: Please Strengthen the Cap-and-Trade Rule!
Comment:

Our state's leadership in developing and implementing a cap on the pollution that causes global warming will likely have ripple effects throughout the nation and the world. Because the CA cap-and-trade program may become a model for other states and the feds, it is important that the program is designed to cost-effectively maximize emission reductions in the higher-emitting sectors. I appreciate the ARB for the public process that has led to the proposed regulation and the opportunity to provide these constructive comments.

The Rule should be modified to incorporate the following:

- ** Clearly commit to maximize the use of auctioning as the most economically logical method of allocating emission allowances.

- ** Create dynamic product output-based benchmarks that reflect best practices in each given sector.

- ** Better identify and define CARB's role in 'offset' decisions.

- ** Ensure that 'offsets' cannot be sold more than once through different registries.

- ** Lower the offset limit because it is way too risky to allow huge volumes of 'offsets' early in the program.

- ** As enforcement progresses, increase transparency.

- ** Require allowance value allocated to utilities to benefit ratepayers, meet the objectives of AB 32, and facilitate emission reductions above and beyond business as usual.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 15:02:20

No Duplicates.

Comment 332 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: William

Last Name: Stewart

Email Address: billstewart@berkeley.edu

Affiliation: University of California

Subject: Errors in market leakage equation in forest protocol

Comment:

Please find the attached comments relating to a problem in the market leakage equation that could inflate credits from some but not all forestry projects

Attachment: 'www.arb.ca.gov/lists/capandtrade10/480-problem_with_market_leakage_formula_in_car_forest_protocol_v3.pdf'

Original File Name: problem with market leakage formula in CAR Forest Protocol v3.pdf

Date and Time Comment Was Submitted: 2010-12-10 15:13:07

No Duplicates.

Comment 333 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Lynda

Last Name: Daniels

Email Address: lynda67@cox.net

Affiliation:

Subject: Climate Change

Comment:

Does Florida have to become submerged? Do we have to lose our islands off the coast of California before something is done to stop pollution? We need to develop clean energy? Give more incentives to home owners to use solar, double pane windows, buy electric or hybrid cars. Please strengthen California's commitment to clean air!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 15:21:03

No Duplicates.

Comment 334 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Virginia

Last Name: Harris

Email Address: vrharris@sonic.net

Affiliation:

Subject: Climate change

Comment:

Please, do not continue to compromise our health any further by allowing more pollution of the air, water, and food.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 15:23:24

No Duplicates.

Comment 335 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: f

Last Name: mangels

Email Address: bioguy0311@sbcglobal.net

Affiliation: retired scientist

Subject: greenhouse gas emissions

Comment:

Yes global warming is real, and we are the cause. We should take action ASAP with everything we can do. While parts of the proposal are good, giving away permits is sheer folly.

You should be selling these permits and strongly penalizing, fining, and making the polluters pay for their pollution. I don't care if my energy bills go up, but I perceive there corporations already practically own us and the government. If we the people are not heard, and heard well, we will probably have very hard times ahead as guinea pigs unto ourselves.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/487-geoengineering_whatweknow.doc'

Original File Name: GeoEngineering WhatWeKnow.doc

Date and Time Comment Was Submitted: 2010-12-10 15:22:09

No Duplicates.

Comment 336 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Rich

Last Name: Yurman

Email Address: ryurman@newsguy.com

Affiliation:

Subject: Permits to pollute

Comment:

There is no way that giving corporate polluters freebies to continue their ill advised ways will work to fight global warming. They must pay a good price for these permits so that at least there will be some improvement via state use of the moneys so gathered to mitigate their activities.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 15:28:23

No Duplicates.

Comment 337 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: David

Last Name: Powers

Email Address: katydidbug@gmail.com

Affiliation:

Subject: Pricing carbon is ecologically necessary and economically efficient

Comment:

Californians have lead the country in improving our bottom line by protecting the environment, so it's a lot to say that the state has reached a critical historical point with its effort to cut carbon pollution.

I think it would be better to say that the efforts we've made so far, and the profits, have been leading up to this big change for decades. We've known that there was such a thing as too much atmospheric greenhouse gases. What we didn't know was that national governments would scandalously ignore their own science academies and leave the cleanup work for local governments to do.

Fortunately we have the necessary experience.

We know how to grow markets for green practices & products. We know how to set price signals to spur investment in cleaner equipment, safer procurement, and less waste. We know how to reach necessary high standards in progressive steps, and we know how to leap ahead when need & opportunity present.

It's no wonder we voted so strongly in support of building a clean energy economy in California: in a time of difficulty, when so many of us are afraid or hurting, we're not the kind of people who walk away from a chance to make a big move forward.

That said, because of the state's revenue shortfalls, and both federal & private investor reluctance, I think it would be wise to put that price on carbon pollution as soon as possible, by increasing the share of permits that are auctioned. That may sound counterintuitive to opponents of fast implementation, but the undeniable facts are that the cost of implementation is at a historic low, and new opportunities are more greatly needed now than at any time since the 1930s.

Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 14:46:37

No Duplicates.

Comment 338 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Elizabeth

Last Name: Dutton

Email Address: jdutwell@mindspring.com

Affiliation:

Subject: Please Strengthen Proposal

Comment:

Thank you for your efforts to reduce global warming emissions. I am writing to ask for you to consider strengthening the proposal.

While many parts of the proposal are already strong, please consider requiring more of the state's largest polluters to pay for their global warming emissions instead of giving permits away for free. By forcing polluters to pay for the emissions they generate by purchasing permits in an auction, we can then re-invest the auction funds into efforts that will help us transition to a cleaner economy and help lower energy costs for Californians—such as making homes and businesses more energy efficient, increasing public transit options, and developing wind and solar projects in California.

OCHA (the United Nations Office for the Coordination of Humanitarian Affairs) has said:

"Climate disasters are on the rise. Around 70 percent of disasters are now climate related – up from around 50 percent from two decades ago.

These disasters take a heavier human toll and come with a higher price tag. In the last decade, 2.4 billion people were affected by climate related disasters, compared to 1.7 billion in the previous decade. The cost of responding to disasters has risen tenfold between 1992 and 2008.

Destructive sudden heavy rains, intense tropical storms, repeated flooding and droughts are likely to increase, as will the vulnerability of local communities in the absence of strong concerted action."

We're already so behind on taking action on this crisis. Pushing companies to innovate is one of the most surefire ways to speed the transition toward sustainable business practices.

Thank you for your consideration.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 15:30:20

No Duplicates.

Comment 339 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Roger

Last Name: Brown

Email Address: justicefiles@comcast.net

Affiliation:

Subject: laws

Comment:

Thanks for what you are doing. Clean environment is best for everyone. I guess unless you just want to be as rich as possible then die before there's no fresh air left.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 15:35:18

No Duplicates.

Comment 340 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: gloriana
Last Name: casey
Email Address: gloriana7@earthlink.net
Affiliation: a breathing mammal

Subject: AIR, AIR, GLORIOUS AIR
Comment:

Dear Air Resources Board:

The people of California have voted and Proposition 23 passed. Why are oil companies trying to circumvent the peoples' decision? Why are YOU even considering going against the will of the voters?

Oil and gas pollute our lives, our lungs and apparently our legal system. Please don't tell us that this is about jobs, because really, it is about our health, which is a wonderful thing and often taken for granted until people lose it.

You, BOARD, have an obligation to the people of this state, and even more, you have an obligation to the planet. Yes, we all do share the same air. What pollutes in one place will soon travel and pass to the rest of the world. What you decide will affect the climate of this state, this planet and our collective future.

I read once that a molecule once breathed in by Leonardo Da Vinci is still with us, and maybe you and I have breathed in one and the same molecule. What a wonderful reminder this is to show that WE of the earth all share the past, present and future of the planet.

In your PRESENT state, please decide for the POSITIVE future of all. Like Da Vinci's, MONA LISA, we aren't quite sure what is being thought, what will she or YOU do in the next moment? What will YOU do in this next momentous decision?

SUPPORT the People, the Planet and Nature herself. To bend to the will of the oil companies is to send us all hacking, coughing and dying and on to a future LAST SUPPER, and we all know how that ended.

-30-

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 15:19:03

No Duplicates.

Comment 341 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ruth

Last Name: Friedman

Email Address: rhfgdf@yahoo.com

Affiliation:

Subject: Let's Have a Strong Anti-Pollution Policy in CA

Comment:

California is in a position to lead our nation into a future of sensible controls on pollution and on promoting sustainable energy use.

Please do not let this opportunity pass. We need to turn around the senseless idea that jobs and growth depend on continued use of fuels that pollute...both in their use and their extraction.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 15:35:36

No Duplicates.

Comment 342 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Priscilla

Last Name: Rich

Email Address: pdrich@pacbell.net

Affiliation: sustainabledesign.vpweb.com

Subject: Thank you for your work on reducing carbon emissions

Comment:

You are setting a valuable example to the rest of the country. Thank you for that! Getting our carbon emissions down to 1990 levels is so crucial to counter runaway climate change. Persistence on policy is what our scenario needs. A steady price signal will help business adapt.

I do believe permits need to be offered at a cost, to help fund energy efficiency and for developing alternative energy sources.

Thank you, again, for your continued efforts.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 15:42:15

No Duplicates.

Comment 343 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Stephen
Last Name: Johnson
Email Address: sejn@att.net
Affiliation:

Subject: Pollution
Comment:

We must have realistic and powerful restrictions placed on the fossil fuel industries for there is very little time left to reverse their devastating effects upon our citizens' breathing, as well as the horrific shrinking of our polar icecaps and other climate changes. Our present and ongoing petrochemical emissions are most relevant. The ever-increasing output from oil refineries, chemical plants, plastic manufacturing, all manner of transporatation vehicles, lawn mowers and so many other oil-based sources is now empirically and scientifically known to be destroying the natural balance. There is no tenable defense to counter the proven consequences of allowing this pollution to continue unabated. It is a dire situation which needs emergency legislation. Please do what is necessary for both humanity and every living thing on this planet. We can easily progress well beyond this petrochemical age of massive pollution.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 15:44:27

No Duplicates.

Comment 344 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ken

Last Name: Weiss

Email Address: kenweisspts@aol.com

Affiliation:

Subject: Stop Polluters

Comment:

CARB considering the plan that gives the biggest polluters credits to pollute – for free! Imagine receiving such a lucrative reward for having bad business practices. This multi-billion dollar giveaway also undermines the goals of AB 32.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 16:09:00

No Duplicates.

Comment 345 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Gil

Last Name: Varon

Email Address: gilvaron@yahoo.com

Affiliation: California Resident and Taxpayer

Subject: Opinion in Favor of Proposed California Cap on Greenhouse Gas Emissions

Comment:

I want to thank you for your work to put a cap on Greenhouse Gas Emissions. I am strongly in favor of the cap and trade regulation currently before the Board.

I am pleased to see that the proposed regulation includes the following:

Fully auctioning allowances in the transportation sector

Strong enforcement

\$10 per allowance price floor,

Additional ideas:

Maximize the use of auctioning as a method of allocating allowances.

The level of free allocation proposed in the draft cap and trade rule is a gift to Industry at Taxpayer expense.

CARB should clearly state in the regulation that it intends to move toward 100 percent auctioning, and leave an opening to do so.

Ensure that Offsets Cannot Be Sold More than Once through Different Registries

Lower the Offset Limit

Promote investment in Cost-Effective Energy Efficiency by requiring Utilities that use allowance values for clean energy investments should be required to first invest in cost-effective energy efficiency.

Thank you,

Gil Varon

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 16:03:32

No Duplicates.

Comment 346 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ruth
Last Name: Wenzel
Email Address: ruwwen@aol.com
Affiliation:

Subject: Global warming
Comment:

Stringent steps need to be taken to reduce our impact on our environment. I think a proposed cap on greenhouse gas emissions is very important. Research into greener energy sources must be funded. More mass public transportation should be funded, inc. high speed rail & decreasing intrastate plane & private car travel.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 16:08:35

No Duplicates.

Comment 347 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Christina

Last Name: Wilcox

Email Address: tqwilcox@sbcglobal.net

Affiliation:

Subject: Climate Change

Comment:

With the exception of a minority of right wing religious fanatics and the internationally powerful oil industry's dependence on the present course of depleting the earth's resources regardless of the consequences, we have overwhelming evidence - both scientific and practical - of our urgency to do what is necessary to reverse global warming.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 16:04:47

No Duplicates.

Comment 348 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: ANGIE

Last Name: WILLIAMS

Email Address: ace3@joimail.com

Affiliation:

Subject: adoption of cap on greenhouse gas

Comment:

I SUPPORT THE ENVIRONMENTAL PROTECTION STANDARDS.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 16:19:11

No Duplicates.

Comment 349 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jerome
Last Name: Krinock
Email Address: jerry@ieee.org
Affiliation:

Subject: AB32 Regulations
Comment:

I thought that Carbon Allowances should be like voting. We have one person one vote. Why not one person one carbon allowance? What about the guy who I saw on the way home today who had parked a shopping cart he'd been pushing and was taking a rest under some blankets. This guy was certainly producing even less CO2 that I was on my bicycle. I'm not joking. Should he not somehow be able to benefit from selling his carbon allowances to, say, Chevron, or someone who uses alot of motorized transportation? (I'd prefer the former, because it will be much less administrative overhead to tax carbon as it comes out of the ground or into California.)

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 16:14:06

No Duplicates.

Comment 350 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Elizabeth

Last Name: Hadley

Email Address: ehadley@reupower.com

Affiliation:

Subject: Cap-&-Trade Comments from Modesto, Redding, and Turlock

Comment:

Attached are comments on the "Proposed Regulation Order for a California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms" from the Modesto Irrigation District, Redding Electric Utility, and Turlock Irrigation District.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/521-comments_to_carb_cap_-_trade_pro_from_mid_reu_tid__final_.pdf'

Original File Name: Comments to CARB Cap-&-Trade PRO from MID_REU_TID_FINAL_.pdf

Date and Time Comment Was Submitted: 2010-12-10 16:23:38

No Duplicates.

Comment 351 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Bruce

Last Name: Springsteen

Email Address: bsprings@placer.ca.gov

Affiliation:

Subject: Comments on CARB GHG Cap Proposal

Comment:

See attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/524-pcapcd_ghg_cap_comments.pdf'

Original File Name: PCAPCD_GHG_cap_comments.pdf

Date and Time Comment Was Submitted: 2010-12-10 16:28:41

No Duplicates.

Comment 352 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Nidia

Last Name: Bautista

Email Address: nidia@coalitionforcleanair.org

Affiliation: Coalition for Clean Air

Subject: Comments on Proposed CA GHG Cap-and-Trade Program

Comment:

Coalition for Clean Air Comments.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/525-cca_ca_cap_trade_proposal_comments_final_dec_2010.doc'

Original File Name: CCA CA Cap&Trade Proposal Comments FINAL Dec 2010.doc

Date and Time Comment Was Submitted: 2010-12-10 16:33:46

No Duplicates.

Comment 353 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Lisa

Last Name: Cooper-Keil

Email Address: cooperkeil@yahoo.com

Affiliation:

Subject: Strong as Possible - Clean Air is possible

Comment:

The last thing we need in our state is to weaken our pollution controls. We need strong laws that set caps on gas emissions!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 16:40:19

No Duplicates.

Comment 354 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: zoe

Last Name: keithley

Email Address: zkeithley@gmail.com

Affiliation:

Subject: Moving forward with air quality

Comment:

So far, California has been the poster child for a positive response to climate change and the way into a healthy future for the planet. PLEASE do not drag your feet now! We need to move ahead and keep our progress going. Not just to stay #1, but for the sake of our citizens and for our state. We love this state and want it to rise to its full and green potential. People are not going to want to put up with heel draggers when it comes to the welfare of our state's green qualities. Not only is its greenness our biggest health advantage, it is also our biggest advantage for business and the economy. Be green or leave the scene will be the judgment.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 16:39:22

No Duplicates.

Comment 355 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Dianne

Last Name: Gage

Email Address: dgage@san.rr.com

Affiliation:

Subject: Proposed California Cap on Greenhouse Gases

Comment:

I am writing as a California citizen who remembers how hard it sometimes used to be to breathe in California when I moved to San Diego in the early 1970s. In contrast, despite many more people, freeways, cars, etc - we don't have smog alert days anymore. When scientists pointed out the sources of that problem, the politicians and agencies of the time took steps to correct it. I am extremely grateful for that and hope you will let scientific findings concerning pollution and global warming guide you in taking further measures to ensure health and livability in our state. I support the views on this issue presented by the Union of Concerned Scientists.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 16:29:18

No Duplicates.

Comment 356 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Bernhard

Last Name: Knigge

Email Address: bknigge@yahoo.com

Affiliation:

Subject: Prop 23 and global warming

Comment:

I strongly endorse AB32 and suggest the following actions: increase tax on gasoline
increase number of tree planting projects
have a book of global warming - clear evidence compiled so that naysayers cannot argue.

thanks,
Bernhard

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 16:44:36

No Duplicates.

Comment 357 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Bill

Last Name: Wolpert

Email Address: wolpert@sonic.net

Affiliation:

Subject: Climate SCIENCE

Comment:

There are no legitimate scientists who dispute that increased CO2 levels are a result of human activity. CO2 in the atmosphere continues to increase unabated. It has reached unprecedented levels. The earth's average temperature is rising. Cooler in some places, but overall, it is warming. Sea ice is melting at ever increasing rates and oceans levels are already rising. This information is not opinion, but scientific fact and recognized as such by NOAA and other internationally recognized institutions and governments. We must come together and place limits on CO2 production. Create the limits as caps, dividends, rebates, or other incentives...in the big picture the means are less important than the goal.

Put a stop to the nay-sayers, doubters, time-wasters, and politicians who don't care to understand the science. Cap greenhouse gases now....Please!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 16:33:45

No Duplicates.

Comment 358 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Julie

Last Name: Payne

Email Address: julrox@sbcglobal.net

Affiliation:

Subject: CARB proposed climate program

Comment:

It seems only fair, and quite reasonable, for the largest polluters to purchase permits to generate their toxic emissions, and for that cost to fund the growth of non-polluting energy systems in California; as well as supporting public transit in every possible local and regional way, as our population expands beyond our capacity to handle its transportation needs.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 16:44:51

No Duplicates.

Comment 359 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Mitchell

Last Name: Diamond

Email Address: rainmac@sonic.net

Affiliation:

Subject: Prop 23

Comment:

The people of California have spoken and they want TEETH in the implementation of Prop 23. Don't cave to corporate interests. There's nothing wrong with making the polluters pony up as long as it's a level playing field. Make that playing field stringent and then enforce the hell out of it to keep it level.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 16:52:59

No Duplicates.

Comment 360 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Paul
Last Name: Fretheim
Email Address: paul@inyopro.com
Affiliation:

Subject: Adoption of a Proposed California Cap on Greenhouse Gas Emissions
Comment:

We need to do everything we can to convert to a Green economy. The vested interests in oil, natural gas and coal have a lot of money and will do everything in their power to try and make sure they get to burn up every bit of fossil fuel in the ground.

But the atmosphere is already overloaded with carbon and we just can't burn the remaining fossil fuels without horribly damaging the Earth's ecosystems.

So please stand strong and protect the atmosphere and life on Earth from carbon pollution.

Thank you.

Paul Fretheim

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 16:53:56

No Duplicates.

Comment 361 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Pat

Last Name: Hooper

Email Address: path@phooperassoc.com

Affiliation: Hooper Associates

Subject: In Support of Proposed Cap on GHG

Comment:

First, thank you to the Board for creating and pushing the GHG emissions regulation making CA the first to genuinely attack global warming. The people of CA supported the assault on AB32 and now is time for action.

As a resident Californian, I urge you to move forward on the regulations in the midst of what will be massive opposition from the powerful oil, gas and coal industries, and heavy industry. Do not let them bend you will, or the will of Californians.

Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 16:55:36

No Duplicates.

Comment 362 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Elissa

Last Name: Berall

Email Address: bugsy7gaard@yahoo.com

Affiliation:

Subject: science versus corporate profit

Comment:

Please help us create policies that puts science and sound
stewardship of our environment before corporate profits.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 16:52:49

No Duplicates.

Comment 363 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Michael

Last Name: Fish

Email Address: decristo50@earthlink.net

Affiliation:

Subject: Global Warming is Real and a Concern

Comment:

Dear Reader(s)

I have long been dismayed by the large chorus of global warming nay-sayers who simply refuse to weight the substantial evidence to the contrary. There is an ever enlarging group of professional and accomplished scientists (many of international reputé) who are consistent in a raising a unified voice with evidence that proves that global warming is further augmented by man-made conditions exasperated by industry and automobile discharge.

The current CARB program in California is important to reach the state's goal of reducing global warming emissions to 1990 levels by 2020, along with renewable energy, energy efficiency, and cleaner transportation standards. Forcing polluters to pay for the emissions they generate by purchasing permits in an auction, the auction funds can then be re-invested into efforts that will help us transition to a cleaner economy and help lower energy costs for Californians.

Thanks you for your time and all the work being done in this regard. Michael Fish, Los Angeles

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 16:53:43

No Duplicates.

Comment 364 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Myron
Last Name: Walters
Email Address: mw@myronwalters.com
Affiliation:

Subject: Strengthen California's Global Warming Program
Comment:

Dear Sir, I am writing as a private resident of California that I am in fully agree with the below input from the Union of Concerned Scientists (I was a chemist myself for 36 years), and hope that you will strengthen California's Global Warming Program.

Regards,

Myron Walters

California Air Resources Board
1001 I Street
Sacramento, CA 95812

November 23, 2010

Chairman Nichols and Members of the Board:

The Union of Concerned Scientists congratulates you on the culmination of years of work to develop a regulation that puts in place the world's most comprehensive cap on global warming pollution. The cap and trade regulation currently before the Board is a major plank in a comprehensive package of policies that will enable our state to meet its global warming pollution reduction requirements while bolstering our booming clean energy economy, creating jobs, cleaning up smog-forming and cancer-causing air pollution, and maintaining strong economic growth statewide. Californians overwhelmingly support your efforts to enact policies like this to reduce global warming pollution and clean up our energy supply—as the recent election made very clear.

Scientists first noticed carbon dioxide buildup in the atmosphere and its effect on temperatures more than 100 years ago. Since then, the scientific foundation explaining why climate change is happening and what we can do to slow it down has been firmly established. Air bubbles trapped in polar ice cores show that over the last 10,000 years, carbon dioxide levels in the atmosphere were stable at around 255 to 285 parts per million. Starting with the industrial revolution, those levels began to rise and have climbed to more than 385 parts per million today. This carbon dioxide absorbs heat from the Earth's surface and re-radiates in all directions, including back to Earth. The excess trapped heat is now causing droughts and torrential rains, melting glaciers, triggering

sea level rise and warming the oceans. If the burning of fossil fuels is not significantly decreased, continued global warming is expected to pose serious risks to California's snowpack and water supply, agriculture and tourism industries, coastal real estate, and public health, according to scientific analysis compiled by the California Climate Change Center.¹

This summer, 118 Ph.D. economists with expertise in climate and energy issues warned that the most expensive thing we can do is nothing. They urged the California Air Resources Board to proceed in implementing the AB 32 Scoping Plan, stating that "global warming gases will be best managed through a combination of policy approaches. Emissions caps combined with a range of regulatory and market-based implementation mechanisms offer a particularly potent strategy because they provide clear incentives for changes in business practices and the development of new technologies." 2

California leadership in developing and implementing a cap on global warming pollution will have ripple effects throughout the nation and the world. Because the California cap and trade program may become a model for other states and the federal government, it is important that the program is designed to cost-effectively maximize emission reductions in the capped sectors. We applaud CARB for the thorough public process that has led to the proposed regulation and the opportunity for our organization and other stakeholders to work with CARB staff as the regulation evolved to find optimal solutions to many complicated issues.

Strengths of the Program (as proposed to be adopted):

We are pleased to see that the proposed regulation contains several elements that we believe will make the program effective. These include:

- * fully auctioning allowances in the transportation sector;
- * a declining cap that starts at a level less than 2008 emissions and declines 2-3 percent per year to reach 1990 levels by 2020; and
- * strong enforcement requiring a multiple of 4 allowances to be surrendered within 30 days for every allowance not surrendered on time plus monetary fines for further non-compliance.

Additionally, we support the possibility of crediting emission reductions from verifiable reductions of tropical forest destruction and degradation. The current placeholder language on sectoral crediting helps establish some of the fundamental principles that will be needed to ensure environmental and social integrity of this program. However, careful decisions on many more details, which staff are now considering, will be necessary before this program can be implemented.

We support the inclusion of the current placeholder language indicating that a voluntary renewable energy set-aside will be a part of California's emission trading program. Such a mechanism will provide crucial support for the continued growth in voluntary purchases of renewable energy in California in the years ahead.

We believe that one of the program's strongest features is the \$10 per allowance price floor, which escalates 5 percent plus inflation per year. This steady price signal will help businesses make long-term investments in strategies to reduce global warming pollution.

Recommendations for Additional Strengthening:

There are several areas in which the program can be further strengthened. We urge you to strengthen the cap and trade regulation in the following ways:

Commit to maximize the use of auctioning as a method of allocating allowances.

The value of allowances CARB proposes to freely distribute to the industrial sector amounts to billions of dollars and will far exceed the amount needed to address potential emissions leakage from trade-exposed industries. The economic "dream team" that was assembled to advise CARB on cap and trade design, the Economic and Allocation Advisory Committee, stated in its report that "...relatively little allowance value would be needed under this mechanism to address leakage." (p. 43). Many economic research reports from the US and Europe suggest that leakage risks can be accounted for through less than 20 percent free allocation. For example, Resources for the Future calculates that "...only about 15-20 percent of allowances are needed to compensate energy-intensive industries, for their loss of producer surplus, so the huge bulk of allowances could still be auctioned."³ Stanford's Professor Larry Goulder and colleagues find that "under a wide range of cap-and-trade designs, freely allocating less than 15 percent of the total allowances prevents profit losses to these most vulnerable industries. Allocating 100 percent of the allowances substantially overcompensates these industries, in many cases causing more than a doubling of profits."⁴ UCLA Professor Matthew Kahn and Erin Mansur from Dartmouth College find that "energy prices are only a significant determinant of locational choice for a handful of manufacturing industries such as primary metals."⁵ This provides further evidence that 100 percent free allocation is excessive.

The level of free allocation proposed in the draft cap and trade rule will result in a huge wealth transfer from California's consumers to the industrial sector. In order to avoid this magnitude of corporate welfare, some part of this allowance value should be used to develop and promote low carbon-emitting industrial processes, as well as other societal benefits such as assistance transitioning for workers and small businesses.⁶

CARB should clearly state in the regulation that it intends to move toward 100 percent auctioning, and leave an opening to do so. One way to do this would be to build in an adaptive management process to assess the impact of free allocation on industries and leakage over time and adjust free allocation as needed.

Create Dynamic Product Output-Based Benchmarks That Reflect Best Practices in the Sector

The product benchmarks for industrial pollution sources should reflect sector-wide progress in attainment of the best practice technology and should reward early adopters. The current proposal leaves these benchmarks unchanged for the whole nine years and thus blunts incentives for adoption of innovative emission reduction technologies and leaves cost-effective emission reductions on the table. Setting aggressive targets pays dividends, as can be seen in the electric power industry where adoption of the Best Available Control Technology has achieved a 99 percent reduction in power plant NOx emissions.

More Clearly Define CARB's Role in Offset Decisions

We understand that there is a role for qualified third-party offset

registries that are paid by offset developers to assist in managing the offset program used for compliance with the cap. However, because offset registries' profits are directly tied to the number of offsets that are verified and sold through their systems, this may create an incentive to make decisions that favor the offset developers they work with at the expense of the environmental integrity of the offset. Climate registries should not be put in the position of both promoting and selling offsets (their bread and butter) while at the same time regulating the offsets market.

CARB, as the regulatory authority in charge of ensuring that offsets represent real emission reductions, must have a clear role in key decisions regarding verification and offset acceptance or denial. For instance, in Section 95977(e)(2)(C)(xix)(a-c), solely the CARB Executive Officer should handle petitions from offset developers disputing Verification Statements, make decisions on whether the Offset Project Data report meets proper standards, and make final determinations on resolving disputes. Section 95980 should allow the CARB Executive Officer explicit authority to deny any offset proposals that the Executive Officer finds does not meet relevant offset criteria.

Ensure that Offsets Cannot Be Sold More than Once through Different Registries

CARB should devise a means of ensuring that the same offset project is not available for sale through multiple registries throughout North America and not sold more than once.

Lower the Offset Limit

UCS, along with dozens of environmental, public health, faith-based, environmental justice, and other organizations, continue to believe that the cap and trade program should require the vast majority of the emission reductions to occur in the state's heavily-polluting sectors that are regulated by the program. An over-reliance on offsets delays investment in transforming these sectors and denies California residents valuable co-benefits that come along with local emission reductions.

Increase Transparency

The public should have access to the type and amount of compliance instruments surrendered by each entity each time the entity surrenders compliance instruments for compliance. There should be sufficient information that is publically available in a timely fashion to allow the public to review and check compliance, while keeping price and trade secrets confidential.

Require Allowance Value Allocated to Utilities to Benefit Ratepayers, Meet the Objectives of AB 32, and Facilitate Emission Reductions Above and Beyond BAU

UCS supports the requirement that all utility sector auction revenues be used for the benefit of ratepayers and to meet the goals of AB 32. If this benefit takes the form of rebates, the rebates should be limited to residential ratepayers and include all residential electricity customers within the utility's distribution service territory. If the benefit takes the form of clean energy investments, these investments should be made in accordance with the goals laid out in AB 32.7 We are concerned that the language in the draft regulations requiring that auction revenues simply be spent for the benefit of ratepayers "consistent with the goals of AB 32," affords utilities insufficient direction and puts allowance value at risk of predominately subsidizing business as usual (aka investments that are already required under existing law).

While we appreciate the oversight that the CPUC and local governing boards of the POU's can provide, we encourage CARB to provide additional guidance in the regulations to give utilities a better sense of where they should direct allowance value, and to ensure uniformity of purpose among the state's many utilities. We ask CARB to give clear guidance to the utilities, as well as the CPUC and local governing boards, that any allowance values not rebated to customers but spent on clean energy programs, should be limited to the following uses, described in more detail below.

Cost-Effective Energy Efficiency

Utilities that use allowance values for clean energy investments should be required to first invest in cost-effective energy efficiency.

California's loading order establishes all cost-effective energy efficiency as our first priority procurement resource. Under AB 32, cost-effectiveness is defined relative to the cost of achieving the emission reductions necessary to meet AB 32's goal of returning to 1990 emissions level by 2020.⁸ As long as energy efficiency can provide emission reductions at lower cost than other emission reduction strategies, it should be considered cost-effective. Significant energy efficiency potential remains in utility service territories that may not be cost-effective under a utility procurement framework, but is cost-effective under AB 32's framework; i.e., compared to other available emission reduction strategies that must be utilized to achieve our 2020 goal. To comply with AB 32's directive to achieve emission reductions at least cost, and to provide additional bill relief to utility customers, CARB should require utilities that receive allowance value to capture additional energy efficiency savings.

Renewable Electricity

If utilities are allowed to use allowance value to invest in renewable energy resources, CARB should establish general principles for such investments in accordance with the goals laid out in AB 32.⁹ New renewable projects that provide health and job benefits to Californians should be prioritized. For instance, local distributed generation, which typically does not require new transmission capacity and may provide jobs closer to load centers, should be prioritized. All investments using allowance values to procure renewable energy should be limited to projects that service the customers covered by the cap and trade program, and be limited to the procurement of contracts that will deliver renewable electricity directly into a California grid, in order to maximize the environmental and health co-benefits for those customers. Finally, renewable energy investments using allowance value should not count towards any cost cap that is established to limit the costs of achieving renewable energy procurement requirements that exist in law.

Conclusion

UCS commends CARB on its hard work on a first-of-its kind economy-wide cap on global warming pollution. The program has made several important improvements to the program design relative to similar but less comprehensive cap and trade programs in the Northeast United States and Europe. We urge CARB to make some additional adjustments as outlined above to strengthen the program to make it even more effective.

We look forward to working with CARB staff and Board members on

these issues in the coming weeks.

Sincerely,

Erin Rogers
Manager, Western States Climate and Energy Program
Union of Concerned Scientists

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 17:11:37

No Duplicates.

Comment 365 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Wendy

Last Name: Wendy Powers

Email Address: katsnme@earthlink.net

Affiliation:

Subject: Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms

Comment:

Global Warming is not a myth. It is not a hoax. It is real. The state's climate change officials being Nazis? That is absurd! Carbon emissions in the state of California are way too high - especially in Los Angeles County.

I am one of thousands who are the collateral damage of that pollution. I lived in the Los Angeles area for 30 years. I was diagnosed with asthma (attributed to the SMOG) during those 30 years. It is an incurable disease that I will always have for the rest of my life. There is a high probability that will become worse as I age which is daunting to me. There is nothing more terrifying than feeling you are suffocating during of a full blown asthma attack. I've been rushed to the Emergency Room more than once.

I implore you - PLEASE strengthen the programs that will be implemented to limit global warming emissions and establish a fee for polluters. This is long overdue! A much stronger California Cap on Greenhouse Gas Emissions program including Market-Based Compliance Mechanisms Regulation and Compliance Offset Protocols is absolutely necessary not only to help stop Global Warming, but also to protect the citizens of California from becoming sick with a myriad of upper respiratory diseases - many of which are incurable.

There is no more time to waste. The survival of this planet and all who live on it depends upon this being implemented. There needs to be serious consequences delivered to anyone who pollutes. These new laws will need to be firmly carried out with no compromise nor exceptions allowed for any reason.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 16:42:41

No Duplicates.

Comment 366 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: marvin

Last Name: cohen

Email Address: marvin.truth.cohen@gmail.com

Affiliation:

Subject: GLOBAL WARMING

Comment:

THANK YOU FOR TAKING GLOBAL WARMING SERIOUSLY!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 17:34:13

No Duplicates.

Comment 367 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Celestine

Last Name: Arndt

Email Address: celya@earthlink.net

Affiliation:

Subject: Proposed Cap on Greenhouse Gas Emissions

Comment:

4 years ago I traveled to China to see for myself how the Chinese were addressing their pollution problems and encouraging energy efficiency in their electric generation.

There were some forward thinking factory managers who had decided to address both problems in Jiangsu Province. They were elated to tell us that they had recouped the initial investment require, had lessened air pollution, and had avoided building yet another coal fired electric generating plant. Today, China has instituted national standards and the government demands that drastic reductions in carbon emissions continue annually.

I tell you this to encourage you to be bold. California must lead this nation. But I urge you also not to provide loopholes for polluting industries like offset protocols. No more half measures. Let's get the caps on the books and let industry adapt. There's our health to consider, damages to wildlife, forests and water sources - we must rein in carbon emissions - for our sake, for the world, and for future generations. Thank you for your attention.

I tell you

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 17:26:47

No Duplicates.

Comment 368 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Barry
Last Name: Vesser
Email Address: barryvesser@gmail.com
Affiliation:

Subject: Comment: 100% Auctions and Recommend Dividends
Comment:

December 10, 2010

To: The California Air Resources Board

Re: Comments on the Proposed Regulation to Implement the California Cap-and-Trade Program

Dear Chair Nichols and Members of the Board,

I want congratulate you and the CARB staff on the hard and diligent work you have done on this complex and critical task. It is clear from the resounding defeat of Prop 23 that the public wants this legislation implemented. You have a historic opportunity to not only do great things for California, but also to create a model for the rest of the country that is effective and fair. CARB staff have done a fine job in many areas, but I feel that to ensure a sustainable and effective system of carbon reduction we need to strengthen the regulations in the following areas:

- 100% auction of permits
- Compensation for consumers with a dividend
- Carbon fees to fund important programs
- Limited and responsible offsets

Utility Rebates: For the utility sector, CARB has proposed a combination of free allowance giveaways and (secondary) auctions. CARB wants the utilities to pass along the subsidy to consumers in a way that encourages conservation. The Economic and Allocations Advisory Committee (EAAC) report did a great job explaining the flaws in the PUC/CEC recommendation to allocate to utilities. The EAAC recognized that providing a rebate through utilities (showing up only as a line item on electricity bills) shields consumers from the price signal and discourages changed behavior. Separating the return of money from the utility bill is critical for sending any price signal at all to residential customers. There is no environmental benefit from keeping people's utility bills low.

Therefore, I support the proposed regulation's inclusion of consumer rebate as a use of allowance value. I believe the most direct approach to this is a "lump-sum transfer" which could be implemented through a dividend check. The customer would still receive the carbon price signal on their utility bill, but would receive a rebate check to help buffer them from the regressive impact of increased electricity prices.

Dividends: The EAAC was also clear that dividends (or tax cuts) should be a majority use of allowance value, not just another use of allowance value comparable to any other. Dividend checks to every California household do help with the costs that will be passed down to consumers. But they also recognize the shared ownership of the commons, and that the first priority is to return the value of this commons back to the people.

AB 32 requires that the regulations that your board approves "ensure low-income communities are not disproportionately impacted." For this reason tax cuts do not make sense, because they do not help the people most vulnerable to higher energy prices. Without a dividend or rebate low and middle income citizens will be disproportionately impacted by increased energy prices creating an economic and political obstacle for the smooth implementation of the law.

If dividends are included in the first compliance period, they may be used as a feature to sell the program to the public up front. They will build political support for both energy efficiency and climate protection over time and demonstrate to the rest of the country that this complex issue can be solved in an equitable fashion. Not including dividends will give the impression that CARB is more concerned with the impact of these regulations on businesses than on consumers.

The proposed regulation requires the collected revenues from the auction of transportation sector allowances be used for public purposes. There are many possible uses of auction revenue: government programs and investments, a Community Benefits Fund, and more. I urge CARB to strongly recommend to the governor and legislature to use the funds as the State's Economic and Allocations Committee recommended: 75% dividends and 25% other uses including a Community Benefits Fund.

Offsets in the Forestry Sector: CARB needs to clarify that the forest protocol does not permit forest offset projects to generate credits for converting a diverse, natural forest to a simplified even-age stand.

Thanks for your work on this for the benefit of the planet and future generations. I will look forward to hearing what you decide.

Sincerely,

Barry Vesser
P.O. Box 638
Occidental, CA 95465

Attachment: 'www.arb.ca.gov/lists/capandtrade10/558-b_vesser_comments_to_carb_12-10.pdf'

Original File Name: B Vesser Comments to CARB 12-10.pdf

Date and Time Comment Was Submitted: 2010-12-10 17:36:37

No Duplicates.

Comment 369 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: marcel

Last Name: barrick

Email Address: marcelbarrick@gmail.com

Affiliation:

Subject: CARB can do more

Comment:

i like the idea of making polluters pay for their damage to the environment. i really like the idea to auction the ability to pollute and then use the money generated to fund development of clean industries.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 17:34:21

No Duplicates.

Comment 370 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: laura

Last Name: anderson

Email Address: laura@lauraandersonart.com

Affiliation:

Subject: overdue

Comment:

We are long overdue in addressing the need to cap greenhouse emissions. California should continue to set the bar for the rest of the country in being forward thinking on the environment. We must act swiftly and decisively in order to slow the degradation of our natural world. Our very lives depend on it.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 17:39:09

No Duplicates.

Comment 371 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Robert

Last Name: Cerello

Email Address: raintreecounty2000@yahoo.com

Affiliation:

Subject: CA Citizens Need Protection, Not Pseudo-Religious Myths

Comment:

Only someone insane--or apart from space-time Reality, this Earth, could imagine that whatever they and their corporate pals do to poison land, air, water, human lives and animal welfare "doesn't count". Yet this is exactly what several born-again types, postmodernist reality ignorers, have said just this week, They are not insane--they are expecting to do favors for their bankroller neo-statist pals while using lying headlines, m myths, false claims and slander of their opponents to throw a smoke screen around their treason.

That's what they actions are--elected officers of the U.S.'s American Constitution are held to protect individual selves and their rights, not propound collectivist "public interest" beliefs. They are to be judged by their results--not crown themselves as principled beings because they unwaveringly support treason against the rights of individuals. They are to protect individual lives, not favor polluters, let them off the hook nor babble on about supply side economics or "whatever we do is OK because our leaders are infallible born against and we obey slavishly their least whim".

It's about rights. Polluters must pay for the by products and results of their actions.

If they do not, they are permitted license to be an elitist class of Fed and government backed criminals with citizens as their victims. This must be ended. CA citizens want a future--not the dark coal-smoke and petro-poisoned dirty past. I lived for 20 plus years near Pomona, the filthiest city then on Earth. How much damage was done to me?

How much injustice must I suffer so massively overpaid corporate tsars can have the life style our enslavement to their whims and failures has made possible? Won't your children have to breathe the air their scoff-law neocon "noisemachine" addicts are spewing out every day? Individual rights matter; public interest lawmaking is a totalitarian euphemism for crimes committed against individual human lives.

Thank you for saving my life--and your childrens' from dangerous criminal polluters who don't want to have to pay for their crimes nor submit to much-needed regulations. I demand my liberty--and I demand their crimes be stopped. Now. It's already an hundred years too late.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 17:35:03

No Duplicates.

Comment 372 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Persephone

Last Name: Maywald

Email Address: diamondsoul@optusnet.com.au

Affiliation:

Subject: Proposed Regulation For In-Use Off-Road Diesel Vehicles

Comment:

Please do EVERYTHING in your power to reduce greenhouse gas emissions. My children and grandchildren are depending on it.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 17:55:00

No Duplicates.

Comment 373 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Hugh

Last Name: Ellis

Email Address: ellis@sandiego.edu

Affiliation: University of San Diego, Prof of Biology

Subject: greenhouse gas emissions

Comment:

Greenhouse gases are causing considerable warming in some parts of the globe. Though here in southern California, the air may not be warming appreciably, we are seeing climate change of a different sort related to greenhouse gases: a drier climate--our worst nightmare. Although I believe cap-and-trade policies are of little value and cannot reverse the accumulation of greenhouse gases in our atmosphere, I will support anything you can do to help address this problem. You are on the front line of U.S. response to climate change. Please do everything in your power to help alleviate this growing threat to our coastlines, our country, and the world.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 17:49:03

No Duplicates.

Comment 374 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ron

Last Name: Arteno

Email Address: ArtenoRT@netptc.net

Affiliation: Suffering Citizen

Subject: Compliance Mechanisms Regulation

Comment:

Please acknowledge the economic position California is experiencing. Environmental regulation need to be throttled back primarily because it has crippled private enterprise throughout the state. Business has vacated at an alarming rate which equates to job loss which equates to loss of state revenue which will multiply the state deficit. Your "Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, Including Compliance Offset Protocols" will serve to vacate more revenue. When will you understand this will bankrupt California for an incomplete science that limits and punishes prosperity?

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 17:46:21

No Duplicates.

Comment 375 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: T.K.

Last Name: Wang

Email Address: tkmary@dslextre.me.com

Affiliation:

Subject: CARB program

Comment:

California must lead in clean air as clean air is better for the people who live in our state.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 18:06:31

No Duplicates.

Comment 376 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ellen

Last Name: Koivisto

Email Address: offstage@earthlink.net

Affiliation:

Subject: Yes, we need emissions caps NOW

Comment:

The climate science is clear, as are the increasingly devastating effects of climate change on populations all over the globe, that we MUST act now. Statewide emissions caps are a small, small start. But we have to start now. It is almost too late.

Thank you

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 18:15:15

No Duplicates.

Comment 377 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: James

Last Name: Griggs

Email Address: jgriggs3@ca.rr.com

Affiliation:

Subject: Green House Gas

Comment:

Please consider that every polluter that is allowed a credit or a pass on emissions only prolongs the time it will take us to get to alternative sources of power and green tech. I request that the strictest standards be used to keep improving our air quality. Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 18:13:28

No Duplicates.

Comment 378 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Bernard

Last Name: Offen

Email Address: bernardoffen@gmail.com

Affiliation:

Subject: Clean air

Comment:

Clean air is what we need to have, in order to live a healthy life.
Please strengthen and reinforce the California Clean air laws.

Sincerely, Bernard Offen

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 18:37:49

No Duplicates.

Comment 379 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Alan

Last Name: Moore

Email Address: alan.s.moore@comcast.net

Affiliation:

Subject: Greenhouse Gas Emissions regulation

Comment:

First, thank you for taking significant notice of the importance of greenhouse gas emissions, and the need to regulate them.

I am opposed to the notion of giving away permits for greenhouse gas emissions -- in any quantity. Sea levels are already rising, mostly due to rising ocean temperatures, and California has a significant area of productive agricultural land already located below sea level, an area known as "the Delta". Further rises in sea level put that production and the state's economy at risk, and no measure than can help to avoid or delay this should be ignored.

Alan Moore

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 18:38:45

No Duplicates.

Comment 380 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Les

Last Name: Borean

Email Address: lborean@socal.rr.com

Affiliation:

Subject: climate change

Comment:

98% of climate scientists believe that climate change is real and that it is caused largely by human action. It's time for action to reduce warmhouse gasses.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 18:46:15

No Duplicates.

Comment 381 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Tayeko
Last Name: Kaufman
Email Address: tayekosk@yahoo.com
Affiliation:

Subject: California Cap on Greenhouse Gas Emissions
Comment:

Thank you for taking a pro-active stand on controlling greenhouse gas emissions.....it is important that the standards be upgraded as we begin to see the dire effects of greenhouse gas emissions. Global Warming is real. California can set the standard, other states will follow.

Thank you again,

Tayeko Kaufman

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 18:50:29

No Duplicates.

Comment 382 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Brad

Last Name: Steele

Email Address: zippykiddo@mac.com

Affiliation:

Subject: Greenhouse Gas Emissions Cap

Comment:

I want to encourage the Board to set stringent standards in order to wean us off of fossil fuels and to move us toward greater energy independence by embracing clean technologies such as wind and solar energy. Nuclear fuels are too dangerous and we have no permanent storage capacity for them. By focusing on renewable energy sources (nuclear not included here), we can create a much better future for everybody in our great state.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 19:02:50

No Duplicates.

Comment 383 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Martin

Last Name: Horwitz

Email Address: martin7ahorwitz@yahoo.com

Affiliation:

Subject: Our Global Warming Law and the Defeat of Prop. 23

Comment:

I wanted to urge officials in charge of implementing California's landmark global warming law to be as aggressive as possible in taking actions to curb harmful emissions and achieving the other objectives of our law.

Polluters and their representatives and their idiotic references to global warming as a "hoax" must be completely disregarded.

Polluters are the problem and it is time they begin to pay all of the extra costs of pollution that citizens have already been paying for years.

Thank you for your time and attention.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 19:19:43

No Duplicates.

Comment 384 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Bruce

Last Name: Jackson

Email Address: central_scrutinizer12@yahoo.com

Affiliation:

Subject: strengthen the proposed program for decreasing global warming emissions

Comment:

As a person who is in poor health I need good non-polluted air to breathe, please fight for me.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 19:32:24

No Duplicates.

Comment 385 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: JANE

Last Name: FESSENDEN

Email Address: janefessenden@cruzio.com

Affiliation:

Subject: GREENHOUSE GAS EMISSIONS

Comment:

I AM PLEASED THAT YOU HAVE OPENED UP THE DISCUSSION ON GREENHOUSE GAS EMISSIONS SO THAT THE PUBLIC CAN HAVE A SAY IN THE FINAL WORDING OF THE RULES. THE PUBLIC HAS EXPRESSED ITS' INTEREST IN GOOD ENVIRONMENTAL POLICY WHEN IT TURNED DOWN THE PROPOSITION THAT WOULD HAVE MADE IT DIFFICULT IF NOT IMPOSSIBLE TO ADHERE TO THE ENVIRONMENTALLY SOUND CONDITIONS WHICH WERE PASSED RECENTLY. I HOPE THAT YOU WILL REMEMBER THIS WHEN YOU FINALIZE THE RULES FOR GREENHOUSE GAS EMISSIONS. SPECIFICALLY, I HOPE THAT YOU WILL REQUIRE THE POLLUTERS TO TAKE THEIR SHARE OF RESPONSIBILITY FOR POLLUTION THEY HAVE CREATED. THANK YOU FOR OPENING THIS UP FOR PUBLIC COMMENT. I AM SURE YOU WILL DO THE RIGHT THING IF YOU FOLLOW THE WISHES OF THE CITIZENRY. THANK YOU.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 19:19:53

No Duplicates.

Comment 386 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Susan

Last Name: Morse

Email Address: susiemorse@comcast.net

Affiliation:

Subject: Pay to Pollute

Comment:

Dear Members of the Board,
Thank you and please continue to take a strong position on greenhouse gas emissions control in the state of California. I fully support 'Green Fees' on all sorts of emissions and on waste that results in more emissions. California can be a leader in instituting Green fees to curb corporate and individual citizen behaviors that pollute. I don't support a cap and trade program that uses the stockmarket, but I do approve of a state run gradual reduction of emissions through state fees, that captures those fees and uses them to make other efforts to ameliorate pollution. Thank you.

I am not including an attachment, but I recommend the book Plan B 3.0, which is available free on line through the Earth Policy Institute.

Susan Morse
Instructor, Community Economics
School of Business
California State University, Monterey Bay
Seaside, CA

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 19:50:44

No Duplicates.

Comment 387 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: LeAnn

Last Name: Bjelle

Email Address: bjelle46@comcast.net

Affiliation:

Subject: climate change

Comment:

The rapid rate of climate change is requiring us to react quickly and creatively. Thank you for the proposals by the state of California. I hope you will move with strength and resolve to start us on the road to healing our planet so we can all live safely without droughts, floods, severe storms, loss of shore line etc. The sooner we begin the less draconian the measures will need to be.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 19:55:49

No Duplicates.

Comment 388 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Stacey

Last Name: Levno

Email Address: slevno@hotmail.com

Affiliation:

Subject: Cap on Greenhouse Gas Emissions

Comment:

I just want to say that I am in support of enforcing legislation that strongly moves in the direction of the proposed California cap on greenhouse gas emissions and that both the private and public sectors need to be made accountable. It is imperative that California continue to be a leader in promoting environmental awareness and responsibility. Sadly, the United States is still far behind many Western European countries when it comes to taking action to reduce various kinds of pollution and greenhouse gas reduction. California can still inspire the rest of the nation if clear, decisive action is taken. Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 19:55:44

No Duplicates.

Comment 389 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Liz

Last Name: Amsden

Email Address: LizAmsden@hotmail.com

Affiliation:

Subject: Keep up the good work on reducing global warming!

Comment:

Thank you for moving ahead on controlling air quality in the state.

California needs to focus on the health of its people and maintaining its environment. And in doing so, work on reducing global warming.

Additionally, this will both help create jobs for Californians (and train a new generation in green technologies) and contribute to an improved economy.

You need to stand strong against the corporate interests: they stand for profits not people. Strong limits need to be set and NO waivers allowed which will help businesses make long-term investments in strategies to reduce global warming emissions.

Please ENFORCE standards by imposing and collecting fines that are commensurate with the profits of polluters. These funds can then be used to accelerate the efforts to transition the state to a cleaner economy and lowering energy costs for Californians.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 19:09:54

No Duplicates.

Comment 390 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: James

Last Name: Lerner

Email Address: higgyl@shocking.com

Affiliation:

Subject: Global Warming

Comment:

While debate is healthy, conspiracy theorizing is not. The vast majority of climate scientists, thousands around the world, do not hide out and make their findings up. They measure the large scale changes happening around the globe, including unprecedented amounts of warming gases in the atmosphere. Religion and ideology should not be a part of policy making. I urge you to regard the science and the public good as top priorities. The true costs of business and pollution must be calculated and figured in to prices and the costs of doing business.

I applaud your efforts in these areas. Thank you, James Lerner, RN, LAc

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 20:04:26

No Duplicates.

Comment 391 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: David
Last Name: Ostwald
Email Address: dostwald@att.net
Affiliation:

Subject: CAP & TRADE
Comment:

Dear Members of the Committee,

I urge you to resist the pressure of industry to grant a high level of free give-aways. Californians are ready for tough regulations to reduce global warming. And the world will be watching. I urge you to make care of the planet your top priority

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 20:04:58

No Duplicates.

Comment 392 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Rudolf

Last Name: Martin

Email Address: martincomet@earthlink.net

Affiliation: none

Subject: Kudos on Clean Energy proposal but please strengthen it

Comment:

I feel it is essential for California to take a leadership role in the development on Clean Energy. I believe the proposed program is a very good start even though it could hold big polluters more responsible for their emissions. I would like to see a more forceful program to get us on the right track.
I should mention that as a father of a 5 year old boy with asthma I also have a personal investment in this subject matter.
Thank you for considering my comment.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 20:08:12

No Duplicates.

Comment 393 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Wesley

Last Name: Rolley

Email Address: wrolley@charter.net

Affiliation:

Subject: Maintaining the momentum from AB 32

Comment:

I was never one to believe that cap and trade would really solve the problems of climate change. There is generally not enough political will to set caps low enough and an abundance of political will for giving some polluters a get out of jail free card.

If either of these happens, it will have been an just an interesting exercise, an example of what not to do next time.

It is clear that the Republican Majority in the House of Representative will prevent substantive action from happening at the federal level. California must not fail is showing what can be done.

No corporation should be allowed pollution credits for free.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 20:16:21

No Duplicates.

Comment 394 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kelly

Last Name: Burch

Email Address: mrkelly.burch@gmail.com

Affiliation:

Subject: Global warming IS an oxymoron: it's global climate change!

Comment:

Warming is just one consequence of human activity, be it from burps of cattle, cars or burning forests by the acres per minute... Warming is one of many negative consequences from melting ices which raise the ocean levels, fluorocarbons which depletes ozone which increases solar heating. Other more remarkable effects of human activities include wasting of oceans which destroys the carbon retaining qualities of sea life; overfishing which changes the eco-balance to favor o-2 depleting species; economic subsidies to industries exploiting energy sources with both huge carbon footprints and enormous polluting, health and environmental costs as are the cases with coal, oil, 'nuclear' and 'natural gas'.

All these confluences impact the earth in a highly negative fashion independent of their specific 'warming' effects. It is not a case of just one or two million people polluting and laying waste, but an issue of 2 BILLION people doing this and another 3 billion aspiring to do this!

If we should put a cap on our survival; we should also be bold enough to allocate by country population, a percentage of our society to be exterminated for the purpose of eventual survival at a specified level of suffering in a hostile world which is left to them.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 19:44:43

No Duplicates.

Comment 395 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Harvey

Last Name: Levin

Email Address: helenharv@hotmail.com

Affiliation:

Subject: Global Warming

Comment:

Let's strengthen California's fight against global warming.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 20:44:33

No Duplicates.

Comment 396 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Charles

Last Name: Warner

Email Address: chucklw444@sbcglobal.net

Affiliation:

Subject: California's Global Warming Program...

Comment:

We MUST make this new LAW as strong as we can and to let not only the rest of the USA but the world know that there is no turning back now.

California will lead the WORLD in making our AIR the cleanest it can be and we need to make the poluters Pay and Pay Big time...

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 21:20:44

No Duplicates.

Comment 397 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Howard

Last Name: Ackerman

Email Address: chefspecial1@yahoo.com

Affiliation:

Subject: Save the Planet

Comment:

Global warming is a very serious issue. Anything you can do to cut down on greenhouse/methane and carbon gases would benefit the planet a great deal. The polar regions are melting, there are dead zones in our waters and mankind's neglect is the cause. Let's turn it around before we're past the point of no return.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 21:33:38

No Duplicates.

Comment 398 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Robert

Last Name: Lane

Email Address: r_k_lane@pacbell.net

Affiliation: California resident

Subject: Prop 23

Comment:

The stronger your sanctions for pollution, the greater the chances are that the oil and gas industry will diversify and create jobs in the alternative energy (green) sector. You must hold the line on accountability, particularly since at the other end of our country, when the new House sits in D.C. in January, coal will become king again and California will be the sole light at the end of the Global Warming tunnel. Brace yourselves for the attack and stand firm. Thank you in advance. Robert Lane, Attorney, Oakland, CA.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 21:29:56

No Duplicates.

Comment 399 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: diana

Last Name: hansen

Email Address: dianahansen1@ahoo.com

Affiliation:

Subject: Our planet's future

Comment:

Please know that I want a future for our children with health and safety and a planet that can sustain healthful life. Thank you ,for remembering this and doing what may not be fiscally popular but morally right. Remember to make a decision to ignore the possibility of climate change will be catastrophic. Please let us not make irreparable mistake.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 21:47:19

No Duplicates.

Comment 400 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kyle

Last Name: Petlock

Email Address: krpetlock@gmail.com

Affiliation:

Subject: climate change legislation / program

Comment:

As an environmental engineer, I can tell you that the need to reduce the output of carbon dioxide and other greenhouse gases to the atmosphere is urgent. We are already seeing extreme signs of global warming such as the alarming rate of melting of the polar ice caps in the last five years, which will accelerate the process of global warming as the ice caps reflect solar heat while increasing levels of ocean water absorbs more heat. Ever increasing levels of carbon output are happening while deforestation (removing the world's carbon sink) is increasing exponentially at the same time. We cannot continue on this path.

To do so would be catastrophic in our lifetime, as well as for future generations in California and around the world.

Coastal areas and Californias huge agricultural sector will be effected the most.

Please enact a strong climate change mitigation program and lead the way for the rest of the country and the world to do the same. The new program MUST include significant fees for polluters, not credits to be given away and traded like playing cards, which will not work. It must also include strong new fuel and energy efficiency standards. We MUST get this right. Our future depends on it.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 21:35:29

No Duplicates.

Comment 401 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Michael

Last Name: Harrington

Email Address: mharrington@surewest.net

Affiliation:

Subject: Pay no attention

Comment:

Don't pay any attention to any "climate deniers". They only want to twist things in their favor and no one else's!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-10 23:59:42

No Duplicates.

Comment 402 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Eric

Last Name: Harrison

Email Address: ikeharrison@sbcglobal.net

Affiliation:

Subject: Ca. cap on Greenhouse. etc.

Comment:

Plz up hold and STRENGTHEN Ca. Greenhouse emissions protocol!

Thanks!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 01:17:45

No Duplicates.

Comment 403 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ann

Last Name: Chan

Email Address: achan@ccap.org

Affiliation: The Center for Clean Air Policy

Subject: Proposed Cap and Trade Regulation

Comment:

The Center for Clean Air Policy thanks ARB for its hard work on the proposed regulation and submits the attached comments.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/644-ccap_comments_on_c_t_reg.pdf'

Original File Name: CCAP comments on C&T Reg.pdf

Date and Time Comment Was Submitted: 2010-12-11 01:25:58

No Duplicates.

Comment 404 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Dennis

Last Name: Patton

Email Address: DennisPatton@earthlink.net

Affiliation: self employed winemaker

Subject: proposed rules for cap and trade

Comment:

Hello,

I live in Mendocino County and want you to stand firm in the face of coming denial and objection from climate change deniers. The science is overwhelming at this point and almost all opposition to coming regulation comes from hacks that are either directly funded by various arms of the fossil fuel industries or are reps from those industries. As a citizen I am willing to pay more to get off the oil, gas and coal treadmill. Our home and small ranch is already powered 100% by solar power and we are looking forward to having the opportunity to purchase an electric car soon. We will add on to our solar system to produce all the extra power that this will require. This is serious investment in our state and can be multiplied tens of thousands of times if you set your rules high and hard.

Change and fast from what has been needs to happen swiftly if we are to have much of a planet left for our children. I totally fear what lack of action in other states and countries (especially China) will have our children asking us in less then 20 years "what were you thinking, why didn't you act in the face of mountains of facts?"

Traveling to the so called heartland recently I was depressed by the complete lack of concern and common knowledge about what we as a species face. It is up to us to show the path to the future. Other states are under the trance of Fox News talking heads such as Limbaugh and Glenn Beck. The time to act is now and you have a clear message from the voters who turned down the Trojan Horse of prop 23 funded by the fossil fuel industry.

Us citizens are willing to pay more for real change and to grow the new energy economy now here in California.

Thank you,

Dennis Patton

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 01:09:43

No Duplicates.

Comment 405 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Herman

Last Name: Miller

Email Address: HPMiller3D@aol.com

Affiliation: Environmental Developers Inc.

Subject: GREENHOUSE GAS ELIMINATION

Comment:

As a member of the Union of Concerned Scientists (UCS) I would like to express my appreciation to the members of the CARB for their continuing efforts to ward off the disastrous effects of climate change that daily quickens its pace.

My expertise is in the treatment of wastewaters and solid waste wherein by the total use of anaerobic processes makes possible the complete elimination of billions of tons per day of the greenhouse gasses (GhG) in wastewater treatment alone.

Only the concerted action of bodies such as yours will break the lethargy and overcome the inertia of current practitioners in this field, a field wherein answers to these problems are and have been available for some time and more will arise and be put into practice with your encouragement.

I thank you for what you do.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/649-news_release_november_13_2010.docx'

Original File Name: NEWS RELEASE NOVEMBER 13 2010.docx

Date and Time Comment Was Submitted: 2010-12-11 05:21:00

No Duplicates.

Comment 406 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Lizette

Last Name: Weiss

Email Address: lizetteweiss@yahoo.com

Affiliation: Nature Conservancy, Sierra Club, etc.

Subject: compliance mechanizations regulation

Comment:

I think that major creators of green house gases should have fiscal responsibilities to pay for the damage. This is the only way they will adopt better ways of operating. Commercial enterprises will respond to regulations that affect their bottom line. The State should not be in the business of giving permits to pollute.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 07:07:33

No Duplicates.

Comment 407 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Robert
Last Name: Pousman, D.O.
Email Address: frostitute@yahoo.com
Affiliation:

Subject: Cap & Trade
Comment:

To the members of the board:
I will make this short and (bitter) sweet - DO SOMETHING! Lead like Californians do. Set up the goals and compliance to clear our air. The rest will follow. The argument will be we will lose jobs, it always is. It won't happen. Gone should be the days that the public pays the price for companies "rights" to profit.

Thank you.

Robert Pousman, D.O.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 07:18:01

No Duplicates.

Comment 408 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Lynn

Last Name: Laumann

Email Address: llaumann@yahoo.com

Affiliation:

Subject: Thank you CARB!

Comment:

I want to extend my sincere thanks to you for making California a cleaner place to live. I can remember "smog alerts" as a child growing up in Los Angeles, when we were restricted from playing outdoors. Air pollution makes my asthma and my heart condition worse. Your work to keep our air pure has a measurable effect on my quality of life. Thank you!

Please continue to push for a cleaner environment while we grow our clean energy economy. These measures will create jobs in my environmental consulting firm and throughout California. Make the largest polluters pay for their emissions.

Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 07:22:28

No Duplicates.

Comment 409 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: jim
Last Name: reginato
Email Address: j.reggie@yahoo.com
Affiliation:

Subject: clean air
Comment:

Please keep California's air clean. Do not give in to the political pressure to weaken emmision compliance.

Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 07:41:37

No Duplicates.

Comment 410 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Yvonne

Last Name: Neal

Email Address: daisy2929@msn.com

Affiliation:

Subject: Climate Warming and Greenhouse emissions

Comment:

I urge you to do ALL you can before it is too late. Our planet is getting warmer by the day and every day that passes, we will have to do MORE to counteract this.

The scientists have spoken. It is now time to move full speed ahead and act on their advice.

Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 07:51:12

No Duplicates.

Comment 411 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: M.

Last Name: Delatte

Email Address: delatte@gmail.com

Affiliation:

Subject: Please Strengthen the Global Warming Program in CA

Comment:

Thank you for protecting the environment for my future kids. I encourage you to continue to strengthen the global warming program further. It's worth any cost.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 08:46:05

No Duplicates.

Comment 412 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Phillip
Last Name: Potter
Email Address: p.potter@sbcglobal.net
Affiliation:

Subject: Corporate Polluters Have Too Loud a Voice!
Comment:

Hello,

It is clear from recent history that corporate control of the majority of our country's discourse has taken us a long way from the proper and right discussions we should be having. When we strip away the "parsing," "message control," and "spin" we can have a REAL discussion about the ways in which the nation's largest polluters have abused the environment to their benefit; at the expense of the rest of us!

The use of scientific data should inform our discussions on the environment. One would think that with continuing advancements in data collection, and research methodology that the information coming from research would be granted more and more credibility, but it seems that is not the case. Why is this? Moneyed interests speak louder than scientists and a logically thinking and informed citizenry! Sadly, the echo chamber of the media shunts the voices of the scientific community and anyone else who dares oppose the titans of industry into a very quiet corner with a "dunce cap."

Please stand up for your citizenry and the scientific community and remember that the voices of industries that pollute should not overwhelm the voices of us who have to live like "canaries in a coal mine."

Thank you,
Phillip Potter

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 08:15:41

No Duplicates.

Comment 413 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: William Joseph

Last Name: Miller

Email Address: mvoedzoe@earthlink.net

Affiliation:

Subject: Stricter controls

Comment:

I live in Los Angeles. In 2007, I retired after spending a life-time teaching in inner city schools. Asthma was endemic in the school where I taught for nearly a quarter century. It was one of the major causes of absenteeism in both students and teachers. In fact, one day one of my colleagues discovered that her inhaler ran dry. Over half the students in her class offered to loan her their inhaler. What impact does this have on the economy?

We need to get really tough with polluters - They need to pay for the damage they have done. Last Thursday, I attended The Cleantech Roadshow Seminar sponsored by Morrison-Foerster. The panel discussion was quite enlightening. I'd suggest you contact them and implement their suggestions.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 08:56:50

No Duplicates.

Comment 414 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kent

Last Name: Minault

Email Address: getkent@roadrunner.com

Affiliation:

Subject: A stronger global warming program

Comment:

I'm very heartened by the decreasing emissions limits in the proposed Global Warming Program. Also putting a price on carbon pollution will signal investors that there will be a cost to fossil fuel development. This principle should be applied throughout the program, so that there is a price for polluters to pay all the way down the line. The high value of the allowances to be freely distributed gives a permit to the biggest polluters and also constitutes a gross form of corporate welfare. The plan should quickly move to 100% auctioning, and have the money be used to subsidize the growing green energy industry in the state, which will help it to become competitive with China and continue to create decent jobs in the state

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 08:52:26

No Duplicates.

Comment 415 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ellen

Last Name: Crump

Email Address: jim-ellen@cox.net

Affiliation:

Subject: Greenhouse Gas Emissions

Comment:

I feel it is imperative that we reduce greenhouse gas emissions. What more do we need to know we already have global warming and that time is running out? We already have the seas rising, North and South Poles melting, and the life in our seas dying. Please do what is needed to stop global warming. Only an idiot would still believe it is not happening.

Very sincerely,

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 09:31:37

No Duplicates.

Comment 416 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Andy

Last Name: Mannle

Email Address: mr.mannle@gmail.com

Affiliation: Education Director, West Coast Green

Subject: Strengthen Cap-And-Trade to Boost CA's Economy & Environment

Comment:

As Education Director for West Coast Green I work with officials from the CPUC, CEC, Bay Area Air District, Bay Area governments, and many businesses and organizations dedicated to creating a clean economy for California. We thank you for your work crafting and implementing AB32, and strongly believe that implementing a Cap-and-Trade program for California is the right step to take for our economy, our environment, and our communities.

But this policy could be strengthened by holding polluters accountable, auctioning pollution allowances, and creating a robust fund to help ratepayers in CA offset the costs of transitioning to a low-carbon economy.

As I wrote for Climate Biz.com

(<http://www.greenbiz.com/blog/2010/09/01/why-were-asking-wrong-questions-cap-and-trade>):

Cap and Trade Boosts Economy and Saves Money:

The most recent economic analysis released by the Western Climate Initiative in July, the proposed cap-and-trade program would provide net savings across the region of \$100 billion by 2020 and spur long-term job growth. These cost savings are in addition to other benefits, such as improved public health, and economic development across a wide range of industries from investing in a cleaner, greener economy.

Cap and Trade Doesn't Hurt Business and Saves Families Money:

A host of recent reports has concluded that the costs of capping carbon would have a minimal impact on small businesses and S&P 500 companies alike, and would not compromise economic competitiveness or force jobs overseas. Likewise, the most recent EPA analysis of the American Power Bill found it would cost American families somewhere in the range of \$100 a year, while California's new cap-and-trade program could actually provide net savings of \$100 a year to the average family.

In fact, WCI calculates that enacting a cap-and-trade program could provide net savings to the whole region of \$12 billion a year. While significant, this is still less than 1 percent of total economic activity in the region. This means the net impact to most businesses and consumers -- in either cost or savings -- will be largely negligible.

We urge you to continue your work implementing a robust Cap-and-Trade program for California by auctioning permits in a way

that raises money for California businesses, families, and communities.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 09:49:31

No Duplicates.

Comment 417 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Michael
Last Name: Richardson
Email Address: mikerich@jps.net
Affiliation:

Subject: Global warming initiative
Comment:

As a California college science educator I urge you to take all legal actions at your disposal to expedite the control and reduction of greenhouse gas emissions in California. Global warming caused by human activity is now beyond dispute among the honest voices in the scientific community. Responding to mediate its possible consequences is prudent public policy that will increase quality of life and create incentives for badly needed economic innovation.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 09:53:48

No Duplicates.

Comment 418 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Gerry

Last Name: Cunningham

Email Address: convergence@usa.com

Affiliation:

Subject: Stronger restrictions on greenhouse gases

Comment:

While I do not agree with "offsets" which allow companies to continue to pollute out atmosphere, I do agree with tighter restrictions on greenhouse gas emissions.

We need to stop turning a blind eye to pollution just because the polluting company has political connections. In my opinion that's the biggest problem. Companies should be forced to stop polluting, not just buy politicians.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 10:05:28

No Duplicates.

Comment 419 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Barbara

Last Name: Renton

Email Address: barbararenton@sbcglobal.net

Affiliation: retired

Subject: Global Warming

Comment:

California has been a leader in the past and needs to continue that role. Moving ahead with techniques to halt global warming will create jobs and improve health for all of us. Improving health will save money in long run.

I first learned about global warming in 1947 when I first learned of the melting of the Arctic. Extremes of weather were one of the predictions and that is now obvious to us all. I grew up in Southern California before World War 11. I witnessed first hand what the increase in population, manufacturing and driving did to change the weather and pollute the air.

Lets take this on and become the leader and example for others.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 10:15:34

No Duplicates.

Comment 420 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Cheryl

Last Name: Ritchie

Email Address: midwife@frontiernet.net

Affiliation:

Subject: Capand trade10

Comment:

Please disregard the Cap and Trade rulings. This will add even more burden on the weak economy and working people. We cannot afford more taxes to support this legislation, which is based on questionable research data.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 10:32:17

No Duplicates.

Comment 421 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Gregory

Last Name: Amour

Email Address: Greg.Amour@yahoo.com

Affiliation:

Subject: Strengthen Air Quality; limit carbon burning

Comment:

Air quality should be strengthened to also include wood and coal burning restaurants that contribute to local pollution by emitting additional harmful smoke and carbons into the air.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 10:35:41

No Duplicates.

Comment 422 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Antony

Last Name: Tersol

Email Address: atersol@owl.csusm.edu

Affiliation:

Subject: Decreasing Global Warming Emissions

Comment:

Thank you for taking meaningful steps to address global warming emissions.

The program will help in making California a leader in clean energy, stimulate our economy and creating jobs.

Setting both limits on pollution that decline with time and having a minimum price are a good start. The industries that have been contributing carbon to the atmosphere shouldn't be rewarded by getting free allocations. Instead we need a free market that auctions off the available permit allocation and uses the funds to pursue additional actions that can help reduce emissions in other ways.

Such funds could be used for programs to reduce energy use in buildings and to boost public transit options.

Again thanks for taking strong actions. California can continue to lead the U.S. in showing that increasing energy efficiency benefits both the economy and the environment.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 10:32:09

No Duplicates.

Comment 423 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jennifer

Last Name: Pfeiffer

Email Address: JENNIEPFEIFFER@earthlink.net

Affiliation:

Subject: global warming

Comment:

We must act quickly and carefully to bring carbon back under 350 parts per million in our atmosphere. Our coastal communities are facing the possibility of flooding and loss of life. Those with breathing difficulties are threatened. We must cap our greenhouse gas emission for the health of our children. Market-Based Compliance Mechanisms Regulation with compliance offset protocols must be adopted now.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 10:42:44

No Duplicates.

Comment 424 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: NANCY

Last Name: ROCA

Email Address: n31andp19@comcast.net

Affiliation: citizen, retired

Subject: Air quality

Comment:

Two of us here loud and clear----adopt proposed cap on greenhouse gas emissions before all the glaciers melt away.

Global warming is real and verifiable and we want our grandchildren safer.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 11:10:21

No Duplicates.

Comment 425 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Mark

Last Name: Reilly

Email Address: reilly@preventivecare.com

Affiliation:

Subject: Prop 23

Comment:

I commend you for the immense responsibility you have taken on. I think debates on global warming can go on and on forever; however, increasing pollution damage and the major causes are obvious. I urge you to think long term and vote for policies that hold polluters accountable commiserate with the (short and long term) damage they cause. Without clean air food and water, nothing else matters! Thank you for reading.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 10:52:04

No Duplicates.

Comment 426 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jerry
Last Name: Cibilich
Email Address: cibn@lycos.com
Affiliation:

Subject: EMISSION CONTROL
Comment:

THANK YOU FOR YOUR WORK TO REDUCE POLLUTERS.

PLEASE, MAKE IT TOUGHER. MAKE POLLUTERS PAY!

THANK YOU, JERRY

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 11:11:40

No Duplicates.

Comment 427 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Michael

Last Name: Potts

Email Address: michael@casparinstitute.org

Affiliation: Caspar Institute

Subject: California needs your strong stance to continue

Comment:

With our long coastline and exposure to climate changes due to ocean warming and global weirding, we Californios NEED you to keep to a strong course with regard to carbon emission control. Don't let yourselves be distracted by the deniers, who appear to be happy about sacrificing their children for short term gain. Don't sacrifice ours!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 11:25:33

No Duplicates.

Comment 428 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Patricia

Last Name: Sarvis

Email Address: eyeries@goldrush.com

Affiliation: Ebbetts Pass Forest Watch

Subject: Clearcutting as a pollution offset

Comment:

As someone who lives in the Sierra and has been watching the forests be decimated by 20-acre clearcuts and their planation replacements, I strongly oppose the proposed rules which would not only allow but encourage 40-acre clearcuts and the whole clearcut-plantation system of eliminating mixed forests. Not only does this create incredible ugliness, but much science shows that clearcutting releases so much carbon that it will take up to a century for the new trees to compensate for the carbon released, let alone sequester more. Additionally, the deforestation/plantation model reduces biodiversity among both plants and animals, thus reducing resiliency, which is the key to surviving environmental and climate change. It makes no sense to try to address one environmental problem by exacerbating others.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 11:38:15

No Duplicates.

Comment 429 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Mark
Last Name: Colby
Email Address: marktcolby@earthlink.net
Affiliation: NA

Subject: Carbon Pollution Costs CA Lives and Money
Comment:

Dear Board Members,

Thank you for all your efforts to keep California's coastal areas above water.

Please make sure that carbon limits shrink, decline, and go down ever year.
Additionally, set a very high minimum price on carbon emissions' permits.

In my view, California is prehistoric in its efforts to reduce all sorts of pollution, waste, and environmental stressors. Almost anywhere on the planet earth, you will find a better mass transit system than here, which reduces pollution, waste, and stress.

By installing carbon limits that decline and carbon emissions' permit prices that have a very high minimum price, you have the opportunity to help your state remain the golden state.

Thank you for your time.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 11:38:48

No Duplicates.

Comment 430 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Gerda

Last Name: Seaman

Email Address: gerda@segall.net

Affiliation:

Subject: Climate solution

Comment:

Dear Sir/Madam: Pleasre make sure that CA gets the kind of climate rules that will, save our air and ouR water. I am an asthmatic and WOULD BE MORE THAN GRATEFUL FOR A break SO i CAN BREATHE

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 11:54:48

No Duplicates.

Comment 431 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Antonia

Last Name: Perata

Email Address: antoniaperata@hotmail.com

Affiliation:

Subject: Thank you

Comment:

I thank you for realizing the importance of our clean earth but there is still ways to go and we cannot cave to the other sides ridiculous arguments. we must move forward with what we know is right and hold all wrongdoers accountable.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 12:34:43

No Duplicates.

Comment 432 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: D

Last Name: Cranfield

Email Address: crannyca@comcast.net

Affiliation:

Subject: Carbon Credits

Comment:

No cap and trade of carbon credits. Leave my energy use alone without surcharge or any other cockamamie names CARB wants to call it.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 12:57:13

No Duplicates.

Comment 433 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Frank G.

Last Name: Andrews

Email Address: uspeed99@webtv.net

Affiliation: Citizen

Subject: Clean environment

Comment:

Most lifeforms survive better in an environment that does not contain substances harmful to that lifeform. Money does not change this Natural standard. Humans are such a lifeform.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 13:00:41

No Duplicates.

Comment 434 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Maryann

Last Name: LaNew

Email Address: melanew@cox.net

Affiliation:

Subject: California Cap on Greenhouse Gas Emissions Vital

Comment:

Please do your best to strengthen the Proposed California Cap on Greenhouse Gas Emission and Market-Based Compliance Mechanisms Regulations, including Compliance Offset Protocols.

Thank you in advance for doing the healthy thing for all of us!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 13:51:02

No Duplicates.

Comment 435 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Juan

Last Name: Suarez

Email Address: jisuaresnow@yahoo.com

Affiliation:

Subject: Thank You For Adopting Strong Climate Regulations

Comment:

I think that it is a great idea that CA will adopt laws that seek to reduce our carbon foot print each year. I think that this is very important for CA to become a leader in strong energy laws. This is definitely a step in the right direction because job creation will increase while at the same time carbon pollution will decrease. This will make polluters think twice and perhaps even actually lead them to conduct their business in a more ethical manner. I support the direction that we are taking!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 13:58:40

No Duplicates.

Comment 436 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Frances

Last Name: Goff

Email Address: frananth@netzero.com

Affiliation:

Subject: California Must Lead the Nation

Comment:

The Cap part of Cap & Trade must be solidly enforceable here in California (the Trade portion is a scam). All contributory industries are dragging their feet in making necessary changes to how they do business, hoping to avoid having to make the tough decisions that are inevitable and overdue. A strictly enforceable Cap on greenhouse emissions in California must be an example to the rest of the Nation that we can't be lazy and greedy anymore if we truly want to survive.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 14:07:18

No Duplicates.

Comment 437 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Thomas
Last Name: Pressburger
Email Address: tpressburger@aol.com
Affiliation:

Subject: Cap and Trade AB 32
Comment:

Cap and Trade can result in no solution if too many pollution credits are given away for free. I, and judging from the defeat of the Texas Oil initiative in Nov, most Californians want implementation of AB 32. Pollution credits should be phased out quickly, or become exorbitantly expensive quickly, otherwise there's no incentive. Assessments of the amount of pollution should be made independently of the polluters proposals.

Thank you for your consideration in this matter.

Tom Pressburger
3789 Farm Hill Blvd.
Redwood City, CA 94061

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 14:24:41

No Duplicates.

Comment 438 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Laura

Last Name: Emery

Email Address: emery@mail.sdsu.edu

Affiliation: SDSU

Subject: Capping Greenhouse Gas Emissions

Comment:

California has the opportunity to lead the country again, as it so often does. It also has the responsibility to do so because no place on earth is more blessed--not only with beauty and a desirable climate, but also with creative thinkers. If we show the rest of the country that we can lower CO2 emissions using rational economic strategies, other states will find the courage to follow. The United States, because of California's success, may even begin to take up its responsibility and amend its deplorable behavior in the face of our global environmental crisis. Please act with maximum strength.

Sincerely,
Laura Emery

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 14:17:49

No Duplicates.

Comment 439 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: David

Last Name: Koppel

Email Address: davekoppel@yahoo.com

Affiliation:

Subject: Proposed Cap on Greenhouse Gas Emissions

Comment:

Please pass regulations that will strengthen California's greenhouse gas regulations. I very much support Market-Based compliance mechanisms regulation, including Compliance Offset Protocols.

David Koppel
8495 East Road
Redwood Valley, CA 95470

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 14:33:53

No Duplicates.

Comment 440 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John

Last Name: Eichelberger

Email Address: eichelbug@yahoo.com

Affiliation:

Subject: Prop 23

Comment:

Why are you even considering NOT auctioning 100% of allowance permits to industry? Is such corporate welfare really necessary? We are in the situation we are, precisely because industry has had a free ride in polluting our environment to the content of their bottom lines until now! Let's see a little accountability. The proceeds from such auctions can then be reinvested into localized community energy projects and programs. "Solar Done Right" is just such a group, their focus on building solar capacity into the existing, built environment that is already grid tied, rather than large centralized projects taking up valuable agricultural or park lands needing long transmission lines to then be laid. Use the roofs already in existence! No transmission lines needed! Put it where it's needed! Localize not centralize!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 14:53:25

No Duplicates.

Comment 441 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Gail

Last Name: Bates Yessne

Email Address: gbatesphd@comcast.net

Affiliation:

Subject: In support of stronger mechanisms for failure to cap gas emissions

Comment:

I greatly appreciate being a California resident for 60 years, as we have become the leading light forward in the struggle against greenhouse gases and climate change. I am proud of the Board of Air Resources Board to stand by Science and act in all of our best interest.

I am concerned however, that corporations or other entities that will continue to pollute are not held accountable for the destruction that they create and I want to support the board in establishing stronger standards of consequence for continued polluters. My beleif in the accountability is not because I as a Californian will benefit (as I know we will) but rather that we are also showing other states and the government of the United States means and methods of reigning in gas pollution.

Thank you for all the good work you are doing.

Sincerely,
Gail C. Bates, Ph.D

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 15:11:10

No Duplicates.

Comment 442 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Susan
Last Name: Moynahan
Email Address: WoodyM1947@aol.com
Affiliation: retired

Subject: free pollution credits
Comment:

While I agree with many of the steps outlined in the AB 32 Scoping Plan, I am concerned by the over-allowance of free pollution credits to the industrial sector in the Cap & Trade Design. I urge you to revisit, revise, and phase out free allocation to the industrial sector. The proposed level of free allocation to the industrial sector is likely much higher than is needed to combat leakage. Several research studies have found that the "leakage" claims of the industrial sector are exaggerated and subsidizing these industries through free allowances creates barriers to transitioning to a cleaner economy. CARB should build in an explicit adaptive management process to adjust the free allocation to the industrial sector based on specified evaluation metrics.

Please take advantage of the favorable public climate that California currently enjoys around addressing climate change and implementing AB 32 by taking much-needed bold actions and removing the massive allowance giveaways outlined in the current rules. Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 15:34:08

No Duplicates.

Comment 443 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Rita

Last Name: Kern

Email Address: kernrita@hotmail.com

Affiliation: CLCV, UCLA, UPTE-CWA 9119

Subject: Don't give free industrial pollution credits

Comment:

Chairman Nichols and Members of the Board:

The public is ready for California to take the necessary steps to reduce our contributions to climate change.

In large cities such as Los Angeles, where I live, the air quality goes directly to the heart of our life quality. Keeping our air clean and healthy for all is vital for a successful future.

I urge you to revisit, revise, and phase out free allocation to the industrial sector. CARB should build in an explicit adaptive management process to adjust the free allocation to the industrial sector based on specified evaluation metrics.

Please take advantage of the favorable public climate that California currently enjoys around addressing climate change and implementing AB 32 by taking much-needed bold actions and removing the massive allowance giveaways outlined in the current rules. Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 15:35:50

No Duplicates.

Comment 444 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Janine

Last Name: Burdine

Email Address: jkbmediate@yahoo.com

Affiliation:

Subject: Clean Air & Water - Keep the Planet Alive

Comment:

Clean Air & Water will allow the planet to continue to live and assist us in having healthy bodies. 99.9% of all Cancers are from Toxins in the air, food and water. Most corporations, including oil companies, hide the information that protects their money and destroys wildlife, plants and people. If you want to have a healthy lifestyle and body or have children, grandchildren OR anyone you love to stay healthy - please help in anyway that you can.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 18:15:37

No Duplicates.

Comment 445 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Felicia

Last Name: Miller

Email Address: fdm@kittymail.com

Affiliation:

Subject: CA Clean Air Program

Comment:

We in California deserve to have clean air to breathe. We vote for it and demand that our elected officials make and pass rules, laws and regulations to make that happen.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 18:33:31

No Duplicates.

Comment 446 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Lowell

Last Name: Young

Email Address: mtnfolks@sti.net

Affiliation:

Subject: Strengthen California's Global Warming Program

Comment:

The conservative media, and yes it is conservative and not liberal and its conservative owners propaganda would have you believe, maintains that climate change is not a thing to be concerned about.

I wonder why they would say such a thing. Is it because they always put the profits of business before the well bring of people?

I will believe the word of the Union of Concerned Scientists that say climate change is a problem because I know that they put truth before profit and propaganda. The media that is for the most part owned by wealthy conservatives will always put profit first. Therefore, if you have a lick of good sense, you will also listen to the truth tellers, the members of the Union of Concerned Scientists.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 18:20:17

No Duplicates.

Comment 447 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Christine

Last Name: Boyd

Email Address: wickboyd@comcast.net

Affiliation: none

Subject: Greenhouse Gas Emissions

Comment:

While I appreciate your taking Greenhouse Gas emissions seriously, I do NOT favor your giving Big Business the opportunity to escape financial consequences for failing to reduce their emissions. This economy is MARKET DRIVEN, and ONLY by requiring businesses to PAY for the consequences of their actions (or inactions) will they find the fortitude and the technology to make substantive reductions in their carbon footprint. You KNOW you can drive this and we, the voters, are counting on you to do so. Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 18:58:01

No Duplicates.

Comment 448 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Anne

Last Name: Calderwood

Email Address: swanberner@yahoo.com

Affiliation:

Subject: cap and trade

Comment:

Dear Representatives,

I am deeply concerned about the battle for whether we will continue to have a democracy that is being waged in our country. There are those whose only focus is personal profit as a time when we are wrestling with national and international crises, specifically global warming and the growing divide between rich and poor. It makes a mockery of the law to allow multi-billion dollar companies to circumvent the laws intended to reduce fossil fuel emissions by paying other multi billion dollar companies who are already getting tax benefits for TPZ designation to receive double tax benefit for their business activities. It adds insult to injury when those companies utilize clearcutting preactices that REDUCE oxygen production AND use herbicides in this process to kill all competing vegetation that then finds it's way into the public water supply. Any company that engages in these practice should be automatically deamed ineligible for offset benefits. I would further propaoo that any company engaging in practices such asthese which are clearly not in the public interest be denied TPZ status and have to pay for the damage that they do. It is a sad fact that my County's water district (Calaveras County) cannot even afford the equipment to monitor the herbicides that are leaching into the water supply for not only our County, but for the large urban areas downstream. I think legislators need to adhere to the intent of the law and demand improvement in environmental practices of companies as the law intended. Sincerely,
Anne Calderwood

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 20:16:27

No Duplicates.

Comment 449 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Courtenay
Last Name: Taylor
Email Address: lasmartmouth@msn.com
Affiliation:

Subject: do the right thing
Comment:

Continue California's trailblazing work by promoting and upholding the highest environmental standards! Thank you!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 21:01:34

No Duplicates.

Comment 450 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Arthur

Last Name: Kennedy

Email Address: artkennedy1@cox.net

Affiliation:

Subject: cap and trade

Comment:

Corporate polluters already transfer the health costs of their pollution to the public; do not add to that injustice by giving away the "emissions credits".

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 21:27:18

No Duplicates.

Comment 451 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Mike

Last Name: Starry

Email Address: jmstarry@comcast.net

Affiliation:

Subject: CEPA ARB adopting pro-active role with federal government and/or solar energy corporations

Comment:

As the BrightSource Corporation has on its website:
The electricity generated by all three plants at the Ivanpah Mojave Desert solar complex will be enough to serve more than 140,000 homes in California; total employee wages over the 30-year life of the plant are estimated to be \$650 million; more than 13.5 million tons of carbon dioxide emissions will be avoided over the 30-year life cycle of the plant, equivalent to taking 2.1 million cars off the road. And this solar complex also cuts major air pollutants by 85% compared to new natural gas-fired power plants; then as a matter of national security regarding the survival of the Americans and of the California Global Warming Solutions Act of 2006 the California Air Resources Board should solicit the assistance of the federal government to contract with the BrightSource Corporations and the BrightSource corporate investors like Google, Chevron, Morgan Stanley, and BP Alternative Energy, and new contractors like Boeing to increase the number of Ivanpah projects by 150 times to eliminate carbon-based sources of electricity for the state of California, and to begin construction of these 150 solar complexes no later than 2013.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-11 23:57:32

No Duplicates.

Comment 452 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Subrata

Last Name: Sircar

Email Address: subrata_sircar@yahoo.com

Affiliation:

Subject: Proposal is good progress, but can be stronger

Comment:

I like the proposal in general. My primary recommendation would be to put a cap on the number of "tradeable" permits or exceptions - it doesn't make sense to allow one company to pollute as much as it can while other companies scrape their levels back and trade allowances with the major polluter. In particular, the largest polluters should have to reduce emissions or pay fines, rather than grab someone else's allotment.

Thanks for listening!

Sincerely,
Subrata Sircar

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 01:26:28

No Duplicates.

Comment 453 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: joey
Last Name: porter
Email Address: jcpnnca@sbcglobal.net
Affiliation: An informed citizen

Subject: An informed citizens comments on the implementation of AB 32
Comment:

Recently the Chicago carbon credits futures board closed due to the lack business. A recent Rasmussen poll says 59% of the American people do not believe in man made climate change.

The UN committee on climate change just finished a meeting in Cancun Mexico discussing to discuss global warming. The temperatures measured in Cancun at the time of the meeting were the lowest readings recorded in over a century.

There is now a consensus of 1,000 scientists worldwide who now agree there is no such thing as global warming caused by man's activities on earth AND in fact, the earth is not warming.

Many of these "skeptical" scientists were previously involved in the "global warming" body of thought. Because of the past year of revelations of falsified data, many scientists have to the conclusion that the global warming theory was "fabricated" for financial reasons by certain members of the science and corporate communities who stood to profit from research dollars or spin-off industries.

Here are a few comments by the scientific community about global warming fraud:

"We're not scientifically there yet. Despite what you may have heard in the media, there is nothing like a consensus of scientific opinion that this is a problem. Because there is natural variability in the weather, you cannot statistically know for another 150 years." – UN IPCC's Tom Tripp, a member of the UN IPCC since 2004 and listed as one of the lead authors and serves as the Director of Technical Services & Development for U.S. Magnesium.

"Any reasonable scientific analysis must conclude the basic theory wrong!!" – NASA Scientist Dr. Leonard Weinstein who worked 35 years at the NASA Langley Research Center and finished his career there as a Senior Research Scientist. Weinstein is presently a Senior Research Fellow at the National Institute of Aerospace.

"Please remain calm: The Earth will heal itself – Climate is beyond our power to control...Earth doesn't care about governments or their legislation. You can't find much actual global warming in present-day weather observations. Climate change is a matter of geologic time, something that the earth routinely does on its own without asking anyone's permission or explaining itself." – Nobel Prize-Winning Stanford University Physicist Dr. Robert B. Laughlin,

who won the Nobel Prize for physics in 1998, and was formerly a research scientist at Lawrence Livermore National Laboratory.

"In essence, the jig is up. The whole thing is a fraud. And even the fraudsters that fudged data are admitting to temperature history that they used to say didn't happen...Perhaps what has doomed the Climategate fraudsters the most was their brazenness in fudging the data" – Dr. Christopher J. Kobus, Associate Professor of Mechanical Engineering at Oakland University, specializes in alternative energy, thermal transport phenomena, two-phase flow and fluid and thermal energy systems.

"The energy mankind generates is so small compared to that overall energy budget that it simply cannot affect the climate...The planet's climate is doing its own thing, but we cannot pinpoint significant trends in changes to it because it dates back millions of years while the study of it began only recently. We are children of the Sun; we simply lack data to draw the proper conclusions." – Russian Scientist Dr. Anatoly Levitin, the head of geomagnetic variations laboratory at the Institute of Terrestrial Magnetism, Ionosphere and Radiowave Propagation of the Russian Academy of Sciences.

"Hundreds of billion dollars have been wasted with the attempt of imposing a Anthropogenic Global Warming (AGW) theory that is not supported by physical world evidences...AGW has been forcefully imposed by means of a barrage of scare stories and indoctrination that begins in the elementary school textbooks." – Brazilian Geologist Geraldo Luís Lino, who authored the 2009 book "The Global Warming Fraud: How a Natural Phenomenon Was Converted into a False World Emergency."

"I am an environmentalist," but "I must disagree with Mr. Gore" – Chemistry Professor Dr. Mary Mumper, the chair of the Chemistry Department at Frostburg State University in Maryland, during her presentation titled "Anthropogenic Carbon Dioxide and Global Warming, the Skeptic's View."

"I am ashamed of what climate science has become today." The science "community is relying on an inadequate model to blame CO2 and innocent citizens for global warming in order to generate funding and to gain attention. If this is what 'science' has become today, I, as a scientist, am ashamed." – Research Chemist William C. Gilbert published a study in August 2010 in the journal Energy & Environment titled "The thermodynamic relationship between surface temperature and water vapor concentration in the troposphere" and he published a paper in August 2009 titled "Atmospheric Temperature Distribution in a Gravitational Field." [Update December 9, 2010]

"The dysfunctional nature of the climate sciences is nothing short of a scandal. Science is too important for our society to be misused in the way it has been done within the Climate Science Community." The global warming establishment "has actively suppressed research results presented by researchers that do not comply with the dogma of the IPCC." – Swedish Climatologist Dr. Hans Jelbring, of the Paleogeophysics & Geodynamics Unit at Stockholm University. [Updated December 9, 2010. Corrects Jelbring's quote.]

"Those who call themselves 'Green planet advocates' should be arguing for a CO2- fertilized atmosphere, not a CO2-starved atmosphere...Diversity increases when the planet was warm AND had

high CO2 atmospheric content...Al Gore's personal behavior supports a green planet - his enormous energy use with his 4 homes and his bizjet, does indeed help make the planet greener. Kudos, Al for doing your part to save the planet." - Renowned engineer and aviation/space pioneer Burt Rutan, who was named "100 most influential people in the world, 2004" by Time Magazine and Newsweek called him "the man responsible for more innovations in modern aviation than any living engineer."

"Global warming is the central tenet of this new belief system in much the same way that the Resurrection is the central tenet of Christianity. Al Gore has taken a role corresponding to that of St Paul in proselytizing the new faith...My skepticism about AGW arises from the fact that as a physicist who has worked in closely related areas, I know how poor the underlying science is. In effect the scientific method has been abandoned in this field." - Atmospheric Physicist Dr. John Reid, who worked with Australia's CSIRO's (Commonwealth Scientific and Industrial Research Organization) Division of Oceanography and worked in surface gravity waves (ocean waves) research.

"We maintain there is no reason whatsoever to worry about man-made climate change, because there is no evidence whatsoever that such a thing is happening." - Greek Earth scientists Antonis Christofides and Nikos Mamassis of the National Technical University of Athens' Department of Water Resources and Environmental Engineering.

"There are clear cycles during which both temperature and salinity rise and fall. These cycles are related to solar activity...In my opinion and that of our institute, the problems connected to the current stage of warming are being exaggerated. What we are dealing with is not a global warming of the atmosphere or of the oceans." - Biologist Pavel Makarevich of the Biological Institute of the Russian Academy of Sciences.

"Because the greenhouse effect is temporary rather than permanent, predictions of significant global warming in the 21st century by IPCC are not supported by the data." - Hebrew University Professor Dr. Michael Beenstock an honorary fellow with Institute for Economic Affairs who published a study challenging man-made global warming claims titled "Polynomial Cointegration Tests of the Anthropogenic Theory of Global Warming."

"The whole idea of anthropogenic global warming is completely unfounded. There appears to have been money gained by Michael Mann, Al Gore and UN IPCC's Rajendra Pachauri as a consequence of this deception, so it's fraud." - South African astrophysicist Hilton Ratcliffe, a member of the Astronomical Society of Southern Africa (ASSA) and the Astronomical Society of the Pacific and a Fellow of the British Institute of Physics.

Today you start discussing the implementation of AB 32 based on bad science and a fabricated crisis created solely for the redistribution of wealth. P.T. Barnum said "More persons, on the whole, are humbugged by believing in nothing, than by believing too much." The lines between radical environmentalism and socialism are no longer blurred. Van Jones and Carol Browning are prominent examples.

The hockey stick graph used by global warming alarmists uses data that omits the med-eval warming period and used a limited sampling

from centuries old tree rings. Any tree ring samples that conflict with the desired conclusion of global warming were omitted. The hockey stick is a hoax and the stick is broken.

I now know the green house gas that effects temperature is H2O not CO2 and so does anyone who is an informed citizen.
Please stop living the lie. Let AB 32 die.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 05:33:11

No Duplicates.

Comment 454 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Llewellyn
Last Name: Ludlow
Email Address: ljludlow@yahoo.com
Affiliation:

Subject: Help Strengthen California's Global Warming Program
Comment:

California Air Resources Board
1001 I Street
Sacramento, CA 95812

November 23, 2010

Chairman Nichols and Members of the Board:

I congratulate you on the culmination of years of work to develop a regulation that puts in place the world's most comprehensive cap on global warming pollution. The cap and trade regulation currently before the Board is a major plank in a comprehensive package of policies that will enable our state to meet its global warming pollution reduction requirements while bolstering our booming clean energy economy, creating jobs, cleaning up smog-forming and cancer-causing air pollution, and maintaining strong economic growth statewide. Californians overwhelmingly support your efforts to enact policies like this to reduce global warming pollution and clean up our energy supply—as the recent election made very clear.

Scientists first noticed carbon dioxide buildup in the atmosphere and its effect on temperatures more than 100 years ago. Since then, the scientific foundation explaining why climate change is happening and what we can do to slow it down has been firmly established. Air bubbles trapped in polar ice cores show that over the last 10,000 years, carbon dioxide levels in the atmosphere were stable at around 255 to 285 parts per million. Starting with the industrial revolution, those levels began to rise and have climbed to more than 385 parts per million today. This carbon dioxide absorbs heat from the Earth's surface and re-radiates in all directions, including back to Earth. The excess trapped heat is now causing droughts and torrential rains, melting glaciers, triggering sea level rise and warming the oceans. If the burning of fossil fuels is not significantly decreased, continued global warming is expected to pose serious risks to California's snowpack and water supply, agriculture and tourism industries, coastal real estate, and public health, according to scientific analysis compiled by the California Climate Change Center.¹

This summer, 118 Ph.D. economists with expertise in climate and energy issues warned that the most expensive thing we can do is nothing. They urged the California Air Resources Board to proceed in implementing the AB 32 Scoping Plan, stating that "global warming gases will be best managed through a combination of policy

approaches. Emissions caps combined with a range of regulatory and market-based implementation mechanisms offer a particularly potent strategy because they provide clear incentives for changes in business practices and the development of new technologies." 2

California leadership in developing and implementing a cap on global warming pollution will have ripple effects throughout the nation and the world. Because the California cap and trade program may become a model for other states and the federal government, it is important that the program is designed to cost-effectively maximize emission reductions in the capped sectors. I applaud CARB for the thorough public process that has led to the proposed regulation.

Strengths of the Program (as proposed to be adopted) I am pleased to see that the proposed regulation contains several elements that I believe will make the program effective. These include:

- * fully auctioning allowances in the transportation sector;
- * a declining cap that starts at a level less than 2008 emissions and declines 2-3 percent per year to reach 1990 levels by 2020; and
- * strong enforcement requiring a multiple of 4 allowances to be surrendered within 30 days for every allowance not surrendered on time plus monetary fines for further non-compliance.

Additionally, I support the possibility of crediting emission reductions from verifiable reductions of tropical forest destruction and degradation. The current placeholder language on sectoral crediting helps establish some of the fundamental principles that will be needed to ensure environmental and social integrity of this program. However, careful decisions on many more details, which staff are now considering, will be necessary before this program can be implemented.

I support the inclusion of the current placeholder language indicating that a voluntary renewable energy set-aside will be a part of California's emission trading program. Such a mechanism will provide crucial support for the continued growth in voluntary purchases of renewable energy in California in the years ahead.

I believe that one of the program's strongest features is the \$10 per allowance price floor, which escalates 5 percent plus inflation per year. This steady price signal will help businesses make long-term investments in strategies to reduce global warming pollution.

Recommendations for Additional Strengthening:

There are several areas in which the program can be further strengthened. We urge you to strengthen the cap and trade regulation in the following ways:

Commit to maximize the use of auctioning as a method of allocating allowances.

The value of allowances CARB proposes to freely distribute to the industrial sector amounts to billions of dollars and will far exceed the amount needed to address potential emissions leakage from trade-exposed industries. The economic "dream team" that was assembled to advise CARB on cap and trade design, the Economic and Allocation Advisory Committee, stated in its report that "...relatively little allowance value would be needed under this mechanism to address leakage." (p. 43). Many economic research

reports from the US and Europe suggest that leakage risks can be accounted for through less than 20 percent free allocation. For example, Resources for the Future calculates that "...only about 15-20 percent of allowances are needed to compensate energy-intensive industries, for their loss of producer surplus, so the huge bulk of allowances could still be auctioned."³ Stanford's Professor Larry Goulder and colleagues find that "under a wide range of cap-and-trade designs, freely allocating less than 15 percent of the total allowances prevents profit losses to these most vulnerable industries. Allocating 100 percent of the allowances substantially overcompensates these industries, in many cases causing more than a doubling of profits."⁴ UCLA Professor Matthew Kahn and Erin Mansur from Dartmouth College find that "energy prices are only a significant determinant of locational choice for a handful of manufacturing industries such as primary metals."⁵ This provides further evidence that 100 percent free allocation is excessive.

The level of free allocation proposed in the draft cap and trade rule will result in a huge wealth transfer from California's consumers to the industrial sector. In order to avoid this magnitude of corporate welfare, some part of this allowance value should be used to develop and promote low carbon-emitting industrial processes, as well as other societal benefits such as assistance transitioning for workers and small businesses.⁶

CARB should clearly state in the regulation that it intends to move toward 100 percent auctioning, and leave an opening to do so. One way to do this would be to build in an adaptive management process to assess the impact of free allocation on industries and leakage over time and adjust free allocation as needed.

Create Dynamic Product Output-Based Benchmarks That Reflect Best Practices in the Sector

The product benchmarks for industrial pollution sources should reflect sector-wide progress in attainment of the best practice technology and should reward early adopters. The current proposal leaves these benchmarks unchanged for the whole nine years and thus blunts incentives for adoption of innovative emission reduction technologies and leaves cost-effective emission reductions on the table. Setting aggressive targets pays dividends, as can be seen in the electric power industry where adoption of the Best Available Control Technology has achieved a 99 percent reduction in power plant NOx emissions.

More Clearly Define CARB's Role in Offset Decisions

We understand that there is a role for qualified third-party offset registries that are paid by offset developers to assist in managing the offset program used for compliance with the cap. However, because offset registries' profits are directly tied to the number of offsets that are verified and sold through their systems, this may create an incentive to make decisions that favor the offset developers they work with at the expense of the environmental integrity of the offset. Climate registries should not be put in the position of both promoting and selling offsets (their bread and butter) while at the same time regulating the offsets market.

CARB, as the regulatory authority in charge of ensuring that offsets represent real emission reductions, must have a clear role in key decisions regarding verification and offset acceptance or denial. For instance, in Section 95977(e)(2)(C)(xix)(a-c), solely the CARB Executive Officer should handle petitions from offset

developers disputing Verification Statements, make decisions on whether the Offset Project Data report meets proper standards, and make final determinations on resolving disputes. Section 95980 should allow the CARB Executive Officer explicit authority to deny any offset proposals that the Executive Officer finds does not meet relevant offset criteria.

Ensure that Offsets Cannot Be Sold More than Once through Different Registries

CARB should devise a means of ensuring that the same offset project is not available for sale through multiple registries throughout North America and not sold more than once.

Lower the Offset Limit

I, along with dozens of environmental, public health, faith-based, environmental justice, and other organizations, continue to believe that the cap and trade program should require the vast majority of the emission reductions to occur in the state's heavily-polluting sectors that are regulated by the program. An over-reliance on offsets delays investment in transforming these sectors and denies California residents valuable co-benefits that come along with local emission reductions.

Increase Transparency

The public should have access to the type and amount of compliance instruments surrendered by each entity each time the entity surrenders compliance instruments for compliance. There should be sufficient information that is publically available in a timely fashion to allow the public to review and check compliance, while keeping price and trade secrets confidential.

Require Allowance Value Allocated to Utilities to Benefit Ratepayers, Meet the Objectives of AB 32, and Facilitate Emission Reductions Above and Beyond BAU

I support the requirement that all utility sector auction revenues be used for the benefit of ratepayers and to meet the goals of AB 32. If this benefit takes the form of rebates, the rebates should be limited to residential ratepayers and include all residential electricity customers within the utility's distribution service territory. If the benefit takes the form of clean energy investments, these investments should be made in accordance with the goals laid out in AB 32.7 We are concerned that the language in the draft regulations requiring that auction revenues simply be spent for the benefit of ratepayers "consistent with the goals of AB 32," affords utilities insufficient direction and puts allowance value at risk of predominately subsidizing business as usual (aka investments that are already required under existing law).

While we appreciate the oversight that the CPUC and local governing boards of the POUs can provide, we encourage CARB to provide additional guidance in the regulations to give utilities a better sense of where they should direct allowance value, and to ensure uniformity of purpose among the state's many utilities. We ask CARB to give clear guidance to the utilities, as well as the CPUC and local governing boards, that any allowance values not rebated to customers but spent on clean energy programs, should be limited to the following uses, described in more detail below.

Cost-Effective Energy Efficiency

Utilities that use allowance values for clean energy investments should be required to first invest in cost-effective energy efficiency.

California's loading order establishes all cost-effective energy efficiency as our first priority procurement resource. Under AB 32, cost-effectiveness is defined relative to the cost of achieving the emission reductions necessary to meet AB 32's goal of returning to 1990 emissions level by 2020.⁸ As long as energy efficiency can provide emission reductions at lower cost than other emission reduction strategies, it should be considered cost-effective. Significant energy efficiency potential remains in utility service territories that may not be cost-effective under a utility procurement framework, but is cost-effective under AB 32's framework; i.e., compared to other available emission reduction strategies that must be utilized to achieve our 2020 goal. To comply with AB 32's directive to achieve emission reductions at least cost, and to provide additional bill relief to utility customers, CARB should require utilities that receive allowance value to capture additional energy efficiency savings.

Renewable Electricity

If utilities are allowed to use allowance value to invest in renewable energy resources, CARB should establish general principles for such investments in accordance with the goals laid out in AB 32.⁹ New renewable projects that provide health and job benefits to Californians should be prioritized. For instance, local distributed generation, which typically does not require new transmission capacity and may provide jobs closer to load centers, should be prioritized. All investments using allowance values to procure renewable energy should be limited to projects that service the customers covered by the cap and trade program, and be limited to the procurement of contracts that will deliver renewable electricity directly into a California grid, in order to maximize the environmental and health co-benefits for those customers. Finally, renewable energy investments using allowance value should not count towards any cost cap that is established to limit the costs of achieving renewable energy procurement requirements that exist in law.

Conclusion

I commend CARB on its hard work on a first-of-its kind economy-wide cap on global warming pollution. The program has made several important improvements to the program design relative to similar but less comprehensive cap and trade programs in the Northeast United States and Europe. We urge CARB to make some additional adjustments as outlined above to strengthen the program to make it even more effective.

Sincerely,
Llewellyn Ludlow

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 06:37:52

No Duplicates.

Comment 455 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John

Last Name: Larimer

Email Address: johntlarimer@gmail.com

Affiliation: Tea Party Patriots

Subject: CALIFORNIA VERSION OF AND TRADE

Comment:

Cap and trade/global warming/carbon emissions (CO2) is a huge fraud that will make route California and the country.

They're been 16 straight years of global cooling. What in the hell is the matter with you.

Businesses are leaving California and droves as well as people.

How do we keep you from doing anything!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 08:07:18

No Duplicates.

Comment 456 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Howard

Last Name: Myers

Email Address: 1hmyers1@comcast.net

Affiliation: Long time CA resident

Subject: AB32

Comment:

AB32 is a job killer, no way around it. It will raise prices, drive jobs out and the green jobs won't begin to replace the lost ones. Quit killing CA, we are already bankrupt.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 08:52:59

No Duplicates.

Comment 457 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Bob

Last Name: van Oosterhout

Email Address: wbobvo@yahoo.com

Affiliation:

Subject: CAP on Greenhouse Gas

Comment:

Absolutely NO on CA. CAP on Greenhouse Gas. Bob

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 09:27:40

No Duplicates.

Comment 458 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Anita

Last Name: Thomson

Email Address: nitabel@yahoo.com

Affiliation:

Subject: Global Warming Solutions Act (AB 32)

Comment:

I'm concerned that AB 32 will contain legislation that allows big polluters to continue to ruin California's air quality. Keep them responsible! One of California's major attractions is its livability.

Thank you,
Anita Thomson

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 10:10:16

No Duplicates.

Comment 459 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Bonnie

Last Name: Kinnare

Email Address: bkinnare@comcast.net

Affiliation: Tea Party

Subject: Proposed Cap is WRONG

Comment:

I am opposed to the implementation of regulations associated with AB32. To continued to tax the salaries of those few who can still find a job in this Once Golden but Not Anymore State is to kill the golden goose. Honey, the electorate are your golden geese and we are DYING. Enough taxation.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 10:47:14

No Duplicates.

Comment 460 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Annamaria
Last Name: Amenta
Email Address: amenta@cs.ucdavis.edu
Affiliation:

Subject: Strengthen Cap and Trade Proposal
Comment:

Dear Board Members,

Thank you for your excellent work in developing this proposal. We have an excellent opportunity here in California to develop a model market-based system for the entire country. If we can show people that the free market can solve this problem, we have a chance of avoiding the environmental train wreck that we see accelerating around us.

A big part of setting up a working market is providing certainty, and the proposed plan addresses this in many ways. Thank you!

I would prefer to see fewer permits given out for free, which allows the state to create winners and losers (mostly perpetrating the winners in the existing system in which pollution is free for polluters but taxpayers have to deal with the problems it creates). A real market system would not only be fair, it would also raise more money.

Some of that money should go to California households to offset costs that no doubt would be passed on to consumers by utilities. This would be a big help in getting people invested in the project.

Thank you again for your work and your consideration of these public comments.

Professor Annamaria Amenta

PS As a working scientific researcher, let me assure you that there are very few scientific conclusions that are more certain than the evidence for climate change, and that the evidence just in this year indicates that the situation is even worse than we thought when AB 32 was passed. The agricultural damage and human suffering we will see from disruption of our delicate water system in the Delta and the Central Valley is important around here, not to mention the damage to the coasts from rising sea levels in our children's lifetime.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 11:08:08

No Duplicates.

Comment 461 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: naomi

Last Name: sobo

Email Address: gramnome@cox.net

Affiliation:

Subject: Cap on greenhouse gas emissions

Comment:

Everything posible should be done to protect our air and our planet.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 11:41:49

No Duplicates.

Comment 462 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jerry
Last Name: Mungai
Email Address: jmungai@pacbell.net
Affiliation:

Subject: Proposed CARB cap on Greenhouse Gas Emissions
Comment:

We do NOT have global warming; we have global climate change. Climate change has existed ever since the earth was formed; AND there is no irrefutable evidence that climate change is caused by human activity. Many of us are aware of how academics at the East Anglia University manipulated data to show that human activity caused global "warming". Recently, Al Gore conceded that ethenol is not a viable gasoline additive. It corrodes engines and uses more energy to make than the energy derived from it.

Does anyone seriously believe California can stop pollution at the state's borders? Winds will continue to blow pollution from China irrespective of what AB32 will try to prevent.

Environmentalism is nothing more than a new term for wealth redistribution and that benefit politically connected individuals and corporations. Even Van Jones, former White House "czar" for green jobs and a self-admitted Communist admits that cap and trade is a form of wealth redistribution.

California is experiencing its worse economic downturn since the 1930s; and part of the problem is due to government actions that kill economic activity. Companies will vote with their feet and move to other more business friendly states and will take their economic generating businesses with them.

AB32 is a recipe for economic disaster.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 12:12:18

No Duplicates.

Comment 463 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Mary

Last Name: Kelley

Email Address: mekelley@igc.org

Affiliation:

Subject: Denial is no longer believable

Comment:

Any educated individual who continues to deny global warming is an ignoramus, and, I suggest, to be considered a criminal for committing an act of violence on people and property in refusing to join the effort to contain this catastrophic planetary event,

Sincerely,

Mary Kelley

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 12:28:16

No Duplicates.

Comment 464 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jonathan

Last Name: Wittwer

Email Address: jonwitt@cruzio.com

Affiliation:

Subject: Climate Change Regulations

Comment:

Thank goodness California voters and governmental officials have demonstrated overwhelming support for taking action to protect us from devastating climate change. Please keep up the good work and move regulations in the strongest possible direction.

Thank you. Jonathan and Susan Wittwer

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 12:19:58

No Duplicates.

Comment 465 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Chris
Last Name: Kelly
Email Address: ckelly@infoasis.com
Affiliation: The Conservation Fund

Subject: Encouragement and Comments on PRO
Comment:

California Air Resources Board
Kevin M. Kennedy
Assistant Executive Officer - Climate Change
1001 I Street
Sacramento, CA 95812

Comments on the Air Resources Board's October 28, 2010 Proposed
Regulation to Implement the Cap-and-Trade Program under AB 32

Dear Mr. Kennedy:

The Conservation Fund has been an active supporter of the Air
Resources Board's efforts to implement AB 32 and we appreciate the
opportunity to offer the attached comments.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/774-arb_-
_12.11.10_comments_of_the_conservation_fund_on_arb_proposed_regulatory_order.pdf'

Original File Name: ARB - 12.11.10 comments of The Conservation Fund on ARB Proposed
Regulatory Order.pdf

Date and Time Comment Was Submitted: 2010-12-12 12:54:23

No Duplicates.

Comment 466 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Nancy

Last Name: Newman

Email Address: Nancyndalycity@aol.com

Affiliation:

Subject: AB 32

Comment:

STOP IT!!! It will only hurt U.S. citizens not help in ways you want us to believe it will.

Nancy Newman

A U.S. citizen

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 14:12:53

No Duplicates.

Comment 467 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Robert

Last Name: Goedjen

Email Address: bgoedjen@aol.com

Affiliation: Registered Republican

Subject: capandtrade10

Comment:

Please don't go ahead with AB32 at this time or at any other. That is the wrong thing for California at this time and will have no effect or an unmeasurable effect on climate but huge negative effect on employment and the economy.

Bob Goedjen

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 14:20:02

No Duplicates.

Comment 468 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Dennis

Last Name: Cookinham

Email Address: denniscookinham@yahoo.com

Affiliation:

Subject: Opposition to AB 32

Comment:

I am opposed to the implementation of AB 32. I believe it will cause many, many companies to leave this state. As for the ones that you say will be "created" ie green jobs.. this will only occur if the subsidies continue. With the current state of the Federal, State and local budgets, I think this is improbable. Of Course, you can always MANDATE that folks buy green products through your rulings. If this is the case, I, for one will leave the State as soon as possible.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 14:26:37

No Duplicates.

Comment 469 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: James

Last Name: Keefer

Email Address: ringme16@pacbell.net

Affiliation:

Subject: the farce

Comment:

This whole human caused global warming thing has been thourly discredited. If you pass this bill you will be seen as hurting the economy in the name of a hoax, that you are not up to date on the research. Be bould and do the right thing and vote NO!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 14:27:24

No Duplicates.

Comment 470 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Judy

Last Name: Mayne

Email Address: judym94930@yahoo.com

Affiliation: Small Business Owner

Subject: AB32

Comment:

I just saw a presentation on the life of our planet which is 4-1/2 BILLION years old. We are but a dot in its history. Earth has survived MANY catastrophies & climate changes & is going to be just fine. We have too many people on the planet to support, & one state trying to control what does or doesn't go into the air is utterly ridiculous when other countries & continents so blatantly pollute. We have small farmers businesses in California that have tried to survive without getting enough water because of a non-native FISH!!! Their livelihoods are destined to crumble now if they have to comply with all the new regulations, while big corporations can buy carbon shares to offset their emissions?? I want my food locally grown, not shipped from somewhere else in ships or planes that pollute way more than a local organic farm!! Get real, people. It's the rest of the world that needs educating - Regulating California alone is NOT going to make a bit of difference.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 14:32:39

No Duplicates.

Comment 471 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Cathrine
Last Name: Steinborn
Email Address: csdds@cathrinesteinborn.com
Affiliation:

Subject: Proposed Cap on Green House Gas Emissions
Comment:

To Whom it May Concern,
As a Dentist, I am deeply concerned about Green House Gas emissions and what pollution means for the health of our citizens. I applaud the steps being taken in California to lower emissions as a part of a greater movement in our state to ameliorate climate change and keep our air clean.
Make sure that industry does not get a free ride by being allowed greater than needed allowances for pollution. Dentists, as small hazardous waste generators must follow strict protocols regarding mercury and other waste into the water and landfill. Surely large corporations with much bigger profits can be held to high standards for air pollution.

Sincerely,
Cathrine Steinborn DDS

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 14:54:14

No Duplicates.

Comment 472 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: James

Last Name: Biller

Email Address: jimbillier@sbcglobal.net

Affiliation:

Subject: Climate Change

Comment:

It all comes down to a very simple statement.

Save it now, or lose it all latter.

Your choice.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 16:18:14

No Duplicates.

Comment 473 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Nicholas J
Last Name: Sansone
Email Address: nicsansone@hotmail.com
Affiliation:

Subject: Cap on Green House Gas Equals Economic Stimulus
Comment:

California Air Resources Board
1001 I Street
Sacramento, CA 95812

December 12, 2010

Chairman Nichols and Members of the Board:

Thank you for taking a stand against Global Warming Pollution.

This is a big step in the right direction, the opportunity is there to strengthen and cap green house emissions.

Global Polluters are being held accountable to decrease California's green house emissions by 2020. Emission decline to 1990 levels is a surmountable goal. Adding a fee to the permits, purchased at an auction, will directly supply the investment needed to create a green and carbon-free economy.

Setting this wheel in motion, on an issue that failed to come together in Washington D.C., will stimulate the creation of jobs revolving around the development of better technologies, manufacturing, and services here in the United States. This in turn will drive down the cost of energy and boost the economic growth of this state and our country. Its a long war against the greed and irresponsibility of the current energy industry. Prop 23 was a battle won and must be used to tighten restrictions and add accountability to companies that harm our health, our country, our world, and our way of life.

Strong Support,

Nicholas J. Sansone

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 15:36:01

No Duplicates.

Comment 474 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Shane
Last Name: Western
Email Address: socalsurfer83@aol.com
Affiliation:

Subject: AB 32
Comment:

To whom this concerns,

I want to thank you for moving forward with the implementation of AB 32 and applaud your leadership on this important issue. The November elections make it perfectly clear that Californians care about this issue and want their leaders to see to it that our environment is protected. Already important actions have been taken, however, I would like would like CARB to make sure all industries are accountable for the pollution they emit. Please see to it that all industries contribute their fair share of resources and abide by the highest mandates so investments can be made to begin the change of a clean energy economy. Thank you for your time and leadership.

Sincerely,
Shane Western

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 16:28:46

No Duplicates.

Comment 475 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Theresa

Last Name: Rieve

Email Address: rtrieve@sbcglobal.net

Affiliation:

Subject: Put Strong Limits on Carbon Pollution

Comment:

It is important to put limits on carbon pollution that will be reduced to lower allowable limits over time, so that everyone investing in new technology will know that their investments will pay off over time. Carbon pollution should be expensive for those who produce it. Please do not take it easy on businesses just because they have lots of money to spend lobbying for their interests.

Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 16:45:17

No Duplicates.

Comment 476 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Theodora B.

Last Name: Crawford

Email Address: tbcrawford@cal.berkeley.edu

Affiliation:

Subject: Cap on Greenhouse Gas Emissions and Offset Protocols

Comment:

Thank you for taking climate change and air pollution seriously. As a grandmother, I am terribly concerned about the world our grandchildren will inherit. The rates of pulmonary disease, cancer and other maladies have escalated but no one wants to ask why. I am convinced that pollution must be penalized and carbon and other emissions into our atmosphere must be taxed. Alas, Prop 26 fooled the voters...but it should not fool you who are informed and powerful.

Global warming is real...and shortly there will be another disaster...will the levees around Sacramento fail? Will we run out of water to sustain life? So many nightmare scenarios and this is not the time to put our heads in the sand or "think about it tomorrow". It's already almost too late.

Please execute AB32 as was intended and enlarge those directives to take as aggressive a stance as possible--It's time to do the right thing by not only Californians who want to lead the way in the U.S., but ultimately, for all the earth's people.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 16:45:11

No Duplicates.

Comment 477 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Joanne

Last Name: Thomas

Email Address: joannejetedge@sbcglobal.net

Affiliation:

Subject: Enforcing California Climate Change Law

Comment:

I am writing to urge officials to vigorously enforce the California law regarding meeting the challenge of climate change. I was proud of Californians for rejecting the attempt to overturn this law in November.

My feeling is this: Nobody should have the right to pollute the air and water because it is essential for all life. Whatever it takes to make the large polluters invest in drastically reducing the threat to life should be pursued with everything we can muster.

Please do not let delay and inaction rule the day. The "tipping point" may arrive sooner than it was thought.

Sincerely,

Joanne Thomas

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 16:47:15

No Duplicates.

Comment 478 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Melva

Last Name: Mills

Email Address: melva.mills@dts.ca.gov

Affiliation:

Subject: California's Global Warming Program

Comment:

Thank you for responding so well to the threat of global warming. California ARB has lead the nation many times, taking action when scientifically validated, instead of waiting as industry and other vested interests attempt to stall action. Your plans to reduce global warning emissions while creating growth (jobs) through renewable energy and other technologies is commendable. My family has taken steps to reduce our carbon footprint--reducing use of water, electricity, and gas, driving fuel efficient vehicles, recycling, composting, etc. Some businesses and trucking companies have taken steps too, but their investments will cost them a competitive edge if other companies do not make similar changes. Please do not back down from the political pressure. Californians and other Americans are counting on you! Bless you for your good work.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 16:52:40

No Duplicates.

Comment 479 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Marie

Last Name: Salerno

Email Address: marie@mjsalerno.com

Affiliation:

Subject: Prop 23 and Environment Strength

Comment:

I love the fact that I live in California where we take environmental issues seriously. We have put in motion many laws that the rest of the states eventually enact.

We passed Prop 23 which is a strong environmental proposition but it needs to be even stronger, not weaker. If the corporations can spend money to fight the law, they can spend money to pay for their actions and pollution. Make them pay for permits and make them abide by them.

Europe is way ahead of us on environmental issues of all kinds and we should be the leaders.

Thanks for listening,

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 18:06:48

No Duplicates.

Comment 480 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Henry

Last Name: Faulkner

Email Address: faulknerhgf@gmail.com

Affiliation:

Subject: Ethanol

Comment:

Even Al Gore admits ethanol is a mistake. It increses goverment costs through subsidies. It increses costs to all consumers for fuel. it does nothing for the environment. It uses more energy than it provides. Stop this INSANITY.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 18:57:29

No Duplicates.

Comment 481 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Diane

Last Name: Richards

Email Address: wethepeople2007@gmail.com

Affiliation: Bay Area Patriots

Subject: Carbon Caps

Comment:

As a student of chemistry and natural history, as well as a business-owner involved in emissions testing, I suspect that the true agenda behind such greenhouse cap and trades is not based in science but rather emotional nonsense that will benefit those staged to reap on the trade of a "new type of trade" element. Carbon dioxide is not and never will be a BAD gas. It is an essential component of life on earth. I do support reduction of pollution but CO2 is the wrong route. Fancy terms like compliance offsets does not fool the public. Get to work saving our great state from financial ruin. How many more businesses can you bring to our state rather than force out? This agenda must stop.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 19:56:31

No Duplicates.

Comment 482 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Bruno Simon

Last Name: Valdez

Email Address: brunosimon@cox.net

Affiliation:

Subject: Don't Protect Polluters

Comment:

For too long, big polluters have been leaving their giant footprint on our state. The deceptive Proposition 23, funded by Texas Oil Companies, to suspend AB 32 was defeated by 61 to 39 percent. Seeing such results, this must bring an important message. It says that we've had it with polluters, and we will not tolerate their filthy actions anymore.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 21:21:30

No Duplicates.

Comment 483 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Harold & Eva
Last Name: Haight
Email Address: HaigSJC@aol.com
Affiliation:

Subject: California and Prop 23
Comment:

To think in the short run on this problem can be disastrous. California has to lead the way. Global warming is not going away. It is going to get worse and it will have dire consequences for the human race. Cap and trade is the way to go. sure some industries will suffer while others prosper. But not only global warming argues for alternative means of producing energy. Decreasing our import of petroleum and facing the fact that it is not an infinite resource should motivate us even if we choose to be stupid about all the scientific evidence of global warming.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 21:28:06

No Duplicates.

Comment 484 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: C.J.

Last Name: McCarter

Email Address: chippymc@gmail.com

Affiliation:

Subject: Cap & Trade

Comment:

Cap and trade is a great system and should be strengthened not weakened.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 21:46:30

No Duplicates.

Comment 485 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John
Last Name: Canfield
Email Address: info@jcanfield.com
Affiliation:

Subject: Dividends for every Californian
Comment:

Dear CARB,

California has a unique opportunity to lead and innovate with AB32 regulation. I urge you to follow your expert economic panel's recommendation that "The largest share (roughly 75%) of allowance value should be returned to California households..." in the form of a dividend.

The proposed Cap & Trade regulation should be commended for auctioning 100% of the permits for the transportation fuels. I strongly encourage you to take the same approach with electricity and other sectors, and provide these revenues as dividends to consumers as well.

Providing dividends to every California resident will require some extra logistical and public education work, but California is a pioneering state and California is the place where this type of democratic innovation is most likely to succeed. Please set the example for the rest of the world by introducing substantial dividends as part of the Cap & Trade regulation.

Sincerely,

John Canfield
San Carlos, CA

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-12 22:33:02

No Duplicates.

Comment 486 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Alice

Last Name: Kaswan

Email Address: kaswan@usfca.edu

Affiliation: USF School of Law

Subject: cap-and-trade and environmental justice

Comment:

University of San Francisco School of Law

2130 Fulton St.

San Francisco, CA 94117

December 10, 2010

Chair Mary Nichols and Members of the Board

California Air Resources Board

1001 "I" Street

Sacramento, California 95812

Re: Comments on Proposed California Cap-and-Trade Regulation and Environmental Justice

Dear Chair and Members of the Board:

As federal and international efforts to provide a comprehensive approach to climate change fall by the wayside, it is all the more inspiring to review CARB's development of a sophisticated cap-and-trade program for California. Although I express concerns about the degree to which the proposed regulation integrates greenhouse gas (GHG) and co-pollutant reduction objectives, those concerns should not be read as a condemnation of this impressive initiative.

These comments address the following topics:

- Reliance on offsets
- Impact of opt-in facilities on the allowance market
- Environmental impacts of biomass and biofuels
- Cap-and-trade and co-pollutants: Concerns
 - Increases in co-pollutants
 - Legal interpretation of "prevent any increase"
 - Potentially underestimate risk of emissions increases
 - Complement the state's air quality objectives
- Cap-and-trade and co-pollutants: Suggestions
 - Mechanisms to maximize co-pollutant benefits
 - Staff's concerns about these alternatives
- CARB assessment of co-pollutant impacts

I. Reduce Allowable Use of Offsets

The greater the use of offsets, the fewer the reductions from covered sectors. With fewer reductions in the covered sectors, there is less of an incentive to create more efficient alternatives and California will lose the environmental and economic co-benefits of GHG reductions in stationary source emissions. Rather than

allowing for increased use of offsets, CARB should focus on cost containment mechanisms that respond to actual, not prospective, high prices, and that do not undermine incentives for reductions within covered sectors.

The Staff Report explains that the percentage of offsets that can be used to show compliance increased from 4% in the PDR to 8% in the current proposal to account for the decision to place a larger number of allowances in the Allowance Price Containment Reserve, since having more allowances in the Reserve would shrink the availability of allowances and potentially increase their cost.

Rather than assuming that greater offset use will be necessary to contain costs, CARB should limit offsets and increase allowance or offset supply if and when market conditions demonstrate that cost containment is, in fact, necessary. In many environmental programs, the costs of compliance have ended up lower than anticipated. Cost containment mechanisms that respond to actual prices are preferable. CARB could rely on the Reserve, or could begin by allowing 4%, and allow a progressively greater use of offsets if higher allowance prices emerge.

The Staff Report also emphasizes that allowing offsets provides the benefit of triggering GHG reductions or sequestration that might not otherwise occur. In addition, offset projects could generate their own environmental and economic co-benefits (whether domestically or abroad).

The implicit assumption is that these measures would not be undertaken in the absence of an offset program. That conclusion presents a false choice. Many offset projects, like manure digesters, are worthwhile. CARB should explore new requirements in the agriculture sector to reduce GHG emissions, not require industrial emitters to subsidize agricultural reductions. Moreover, CARB should not allow stationary source emitters to avoid their own reductions by facilitating reductions or sequestration that should happen in addition to, rather than instead of, their own reductions.

To the extent that the activities contemplated as offset projects do require external funding, the use of auction revenue would be a more environmentally sound mechanism for providing the necessary funding. Then the projects would provide emissions reductions that would complement, rather than supplant, stationary source emissions reductions.

I. Opt-in Covered Entities

If non-covered facilities "opt-in" to the cap-and-trade program, they are likely to do so because they can easily reduce energy use and seek to make a profit selling excess allowances. CARB needs to ensure that its provisions for allowing facilities to opt in address the potential that the facilities could increase the number of available allowances, dampening the incentive for covered facilities to reduce emissions. Just as the cap will be adjusted when transportation fuels are added to the program in 2015, the cap may need to be adjusted to account for the emissions associated with facilities that opt in.

II. Biomass and Biofuels

In all provisions relating to the burning of biomass and biofuels,

CARB should carefully assess associated co-pollutant and other environmental implications. For example, if biomass-derived fuel sources do not have to account for their GHG emissions, the rule could create incentives to use biomass that have incidental adverse environmental consequences.

III. Cap-and-Trade and Co-Pollutants

Given the acknowledged link between GHGs and co-pollutants, the state would benefit from integrating its GHG and co-pollutant reduction strategies and creating a more unified approach to regulating industrial emissions.

AB 32 recognizes the connection between GHGs and co-pollutants, and instructs CARB to develop GHG reduction policies that would not only reduce GHGs, but do so in a way that "maximizes additional environmental and economic co-benefits for California, and complements the state's efforts to improve air quality." Overall, the scoping plan in general and the cap-and-trade program in particular will likely lead to improvements in air quality. That said, the cap-and-trade program does not include measures to prevent increases in co-pollutants or optimize the location of GHG and corresponding co-pollutant reductions.

A. Concerns

1. Increases in co-pollutants.

The California legislature expressed its concern about the distributional implications of a cap-and-trade program by explicitly stating that market mechanisms must, to the extent feasible, be designed "to prevent any increase in the emissions of toxic air contaminants or criteria air pollutants."

My first comment is one of legal interpretation: based on the language in the Staff Report, the Staff appear to construe the language "prevent any increase" too narrowly. The Staff appear to be interpreting this language to mean that the cap-and-trade program itself must not "cause" increases in co-pollutant emissions. Under this approach, the Staff Report acknowledges that the cap-and-trade program could, in some instances, create incentives that could result in co-pollutant increases. For example, if a utility relies upon several different generation facilities, the price signal generated by the cap-and-trade program could induce the utility to increase production at more energy efficient facilities. Co-pollutant emissions could therefore increase at the more efficient facilities.

The Staff's interpretation of AB 32 appears too narrow. The language states that the agency is required to "prevent" increases in co-pollutant emissions, without limiting that obligation to increases caused by the cap-and-trade program itself. As the Staff Report acknowledges, facilities could choose to increase emissions in order to increase production or expand into a new type of production. New facilities could also be built. To the extent a cap-and-trade program allows facilities to increase emissions by buying GHG allowances, the GHG control program would not constrain co-pollutant increases and could be inconsistent with AB 32's requirements.

The Staff Report also suggests that co-pollutant increases are extremely unlikely to occur because the burden of New Source Review

requirements and the cost of GHG allowances themselves will discourage increased emissions. At the same time, however, the Staff Report acknowledges that the state's refineries are likely to continue to supply areas outside California even if demand for fossil fuels in California drops. The Staff Report also acknowledges that new biorefineries and biomass facilities could be incentivized by AB 32 implementation measures. Thus, emissions increases are a real possibility.

The case studies in the emissions assessment do include emissions increase scenarios, evaluating both the possibility that facilities would increase GHG emissions by 4 percent and the possibility of a new source in each study area. The Staff Report reveals that these GHG emissions increases would lead to small increases in co-pollutants relative to the baseline scenario. Moreover, it is possible that major facility expansions could lead to increases above 4 percent and that more than one new facility could choose to locate in certain areas, possibilities not considered by the assessment.

The Staff Report also argues that existing air pollution regulations would keep any co-pollutant increases to a minimum. This is not the place to pick apart California's air pollution regulations, but it is not clear that they would fully address an impacted community's concerns. For example, even if NSR were triggered and the facility had to purchase criteria pollutant offsets to compensate for the increase in criteria pollutants, it is not clear that the emission reduction credits would come from the same location as the increases, potentially leading to a net increase in impacted communities notwithstanding the offset requirement. Moreover, offset requirements apply only to criteria pollutants, not air toxics. While California's "Hot Spots" program provides more attention to local emissions than occurs in most states, it does not directly prevent increases.

The Staff Report's analysis of the impacts of emissions increases places them in context: the Staff Report analyzes potential co-pollutant increases under the cap-and-trade program in relation to the significant decreases in co-pollutants that existing regulations are expected to achieve by 2020. The state's initiatives to decrease co-pollutants are laudable. And the Staff's implicit point is well-taken: if those decreases are realized, there is less of a need to use AB 32 to indirectly accomplish co-pollutant reductions. Nonetheless, AB 32 states that the state's GHG policies should be designed to complement its efforts to attain air quality standards. The cap-and-trade program, as currently designed, does not take that step.

These comments do not dispute that changes in co-pollutant levels as a consequence of GHG trading reflect the relative stringency of associated co-pollutant regulation. If a GHG trade leads to increases in co-pollutants, it is because the co-pollutant regulatory program did not prevent those increases. CARB may resist the effort to impose co-pollutant goals on its GHG regulatory program. But, as noted above, AB 32 explicitly links GHG and co-pollutant emissions by specifying that the flexibility of a market-based GHG program not lead to increases in associated co-pollutants, even if those increases would be permissible under existing co-pollutant regulations.

2. Complement the state's air quality objectives.

As noted above, AB 32 directs CARB to develop policies that "complement[] the state's efforts to improve air quality." It is not enough to prevent co-pollutant increases. Ideally, the cap-and-trade program should help achieve air quality standards by targeting GHG, and associated co-pollutant, reductions in the state's most polluted areas. Not surprisingly, CARB's Co-Pollutant Emissions Assessment reveals that greater co-pollutant reductions benefits would be achieved if all facilities had to reduce their proportionate share than will be achieved by letting facilities trade GHG allowances in ways that could maintain or increase emissions. While the percentage difference in emissions reductions is small, the data indicates that the cap-and-trade program has not been designed to enhance the achievement of air quality objectives.

In addition, the emissions assessment does not evaluate what could have been achieved if the program were designed to require or incentivize greater GHG reductions in the state's most polluted areas. The first scenario in all of the report's case studies assumes that all facilities in the state reduce by the same amount.

The report does not analyze the co-pollutant consequences of achieving greater-than-average GHG reductions in the state's most polluted areas.

B. Suggestions

In response to the November 2009 Proposed Draft Regulation, I submitted comments addressing numerous ways in which a trading program could incorporate co-pollutant reduction objectives (Kaswan PDR comments). The comments did not advocate for any one mechanism, but evaluated the strengths and weaknesses of several options.

The Kaswan PDR comments are incorporated here by reference. Of the seven options included in the original memo, I would suggest focusing on the following four options (options that could be used individually or in combination):

- (1) Combine trading with direct regulation (now or in the future);
- (2) Impose individual facility caps for facilities in heavily-polluted areas;
- (3) Create incentives for greater reductions in heavily-polluted areas (through differentiated allowance allocation, fees, higher allowance prices, or enhanced allowance retirement requirements; and
- (4) Devote auction revenue to a Community Benefits Fund to help finance co-pollutant reductions in disadvantaged areas.

While I will not repeat the analysis of these options in this document, I will comment on the Staff's discussion of some of these alternatives.

Alternative Rejected by Staff - Implement Only Additional Source-Specific Command-and-Control Regulations. CARB staff rejected the alternative of replacing the cap-and-trade program with a direct regulatory program for industrial sources. The Staff Report presents a number of convincing arguments for why regulation should not replace a cap-and-trade program, but did not address the value of complementing the cap-and-trade program with limited and targeted regulatory efforts where appropriate. The Staff Report expresses concerns about the cost-effectiveness of regulation if applied to all industries. But if regulation were used to

complement cap-and-trade only where appropriate, CARB could take cost-effectiveness into account in deciding whether to impose regulations. In determining cost-effectiveness, it is also important for CARB to consider not only the costs of regulation to the relevant industry, but also the economic benefits of enhanced emissions reductions.

The Staff Report also observes that regulations would be difficult to draft given the lack of data on effective emission reduction mechanisms and the variation among facilities. However, CARB is requiring energy audits at industrial facilities, a process that includes an assessment of associated co-pollutant impacts. While current data may be insufficient, the audits could provide a much stronger basis for identifying cost-effective energy efficiency mechanisms that could be required at industrial facilities, and that could achieve both GHG and co-pollutant reductions.

CARB Staff may be assuming that facilities will adopt cost-effective reduction strategies in response to the price signal created by the cap-and-trade program, without the need for command-and-control regulations. But industrial investment decisions are complex. Inertia, uncertainty about future carbon markets, concerns about short-term capital expenditures, and other factors could impede otherwise cost-effective investment in emission reductions. If price signals do not end up prompting cost-effective measures with significant co-pollutant benefits, then CARB should retain the authority to require appropriate measures.

In addition, if CARB identifies cost-effective GHG emission reduction measures with particularly significant co-pollutant benefits, then it would be consistent with AB 32's goals to require those measures rather than relying upon the vagaries of the market to incentivize them.

Alternative Rejected by Staff: Facility-Specific Caps. The Staff Report expresses valid concerns about a program that applied facility-specific caps to all facilities. But the Staff Report evaluates only the most extreme version of this option. First, facility caps could be applied only to facilities in the state's most polluted areas. Second, the impact of facility caps would depend upon their stringency. The Staff Report rejects caps that would require each facility to reduce its proportional share of emissions. But a cap would not have to be that stringent. A cap that prevented the facility from increasing emissions would eliminate the risk of violating AB 32's requirement that the trading program prevent increases, while still providing substantial flexibility. If facility increases are as unlikely as the Staff Report claims, then such caps could ensure that the program complies with AB 32 without having a significant impact on covered facilities.

To further AB 32's goal's of complementing the state's efforts to achieve air quality, facility caps could, however, go farther than simply preventing increases. The caps could be set somewhat below the level of existing emissions. Such an approach could still be more flexible than the one that the Staff rejected, because the level could be set somewhere between current emissions and the full proportionate share of reductions.

The Staff reject facility caps because of their impact on cost-effectiveness. But a full assessment of cost-effectiveness

should take into consideration not only the costs of pollution control, but the benefits of reducing pollution in heavily polluted areas. Thus, varying requirements depending upon the benefits of pollution control could be more, not less, cost-effective from the state's perspective.

Alternative Rejected by Staff: Restricting Trading in Adversely Impacted Communities. Essentially, the Staff Report argues that existing programs are already doing enough to address pollution in California, and that trading restrictions on stationary sources would add only a marginal benefit. Ultimately, whether CARB thinks it is necessary or not, AB 32 states that California should use its GHG policies, including its market mechanisms, to further co-pollutant reduction goals.

C. Assessment of Co-Pollutant Impacts

The proposed regulation states that CARB will monitor the co-pollutant consequences of the trading program and take further action as appropriate. Such monitoring will provide an important opportunity to assess the program. However, the report indicates that such an assessment will occur only once a compliance period - once every three years. That appears to be too infrequent to properly monitor the program's co-pollutant consequences.

Ultimately, the state's commitment to reduce GHGs is likely to improve co-pollutant levels and redound to the benefit of most, if not all, Californians. The state could, however, take greater initiative in fulfilling AB 32's invitation to link GHG and co-pollutant reduction benefits.

Thank you for the opportunity to submit these comments.

Sincerely,
Alice Kaswan
Professor of Law

Attachment: 'www.arb.ca.gov/lists/capandtrade10/816-kaswan_ca_ct_comments.docx'

Original File Name: Kaswan CA CT comments.docx

Date and Time Comment Was Submitted: 2010-12-13 00:51:19

No Duplicates.

Comment 487 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Thomas
Last Name: Grammig
Email Address: trgram@compuserve.com
Affiliation: independent

Subject: analysis, data and justification in CAR US ODS
Comment:

I have written the two public comments on CAR ODS protocols submitted by GTZ-Proklima in November 2009. Here I comment as an individual on what CAR has sneaked into the ODS protocols after the public comment period, as Appendix E.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/817-car_ods_comments_grammig.doc'

Original File Name: CAR ODS comments Grammig.doc

Date and Time Comment Was Submitted: 2010-12-13 01:19:25

No Duplicates.

Comment 488 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: kim

Last Name: allen

Email Address: kaainca@yahoo.com

Affiliation:

Subject: Stop Carb

Comment:

I'm writing to urge repeal or, at least, suspension of AB32. With the staggering number of people out of work and businesses fleeing California, this legislation is absolutely the worst thing that can happen to us. I live in San Joaquin county and the number of foreclosed homes and empty buildings where long standing businesses use to be is frightening! Please help us. Use some common sense and stop this! We Californians cannot afford this.

Thank you, Kim Allen
2310 W. Rose St.
Stockton, CA 95203

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 01:36:17

No Duplicates.

Comment 489 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Dean

Last Name: Olson

Email Address: deanolson44@hotmail.com

Affiliation:

Subject: Global Warming and CA Pollution

Comment:

We live in the Sierra Foothills, specially in Nevada City. You'd think being "out in the country" would be healthy. Yet our area is ranked as one of the highest pollution areas, because much of the pollution from the Bay Area is carried by the winds and blocked in our area by the mountains.

We have "high alert days."

Please, please curb the pollution, tighten restrictions and put incentives for going GREEN. Our state and country and world need this.

Sincerely,

Dean Olson

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 08:21:40

No Duplicates.

Comment 490 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Paul
Last Name: MacGregor
Email Address: pmacgregor@nexant.com
Affiliation: Nexant

Subject: Suggested Language Regarding Mexican ODS
Comment:

Please find attached a letter with our comments regarding suggested language for Mexican ODS.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/824-nexant_carb_comments_12.13.10.pdf'

Original File Name: Nexant CARB Comments 12.13.10.pdf

Date and Time Comment Was Submitted: 2010-12-13 09:07:15

No Duplicates.

Comment 491 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jennifer

Last Name: Miller

Email Address: penstrokes@peacemail.com

Affiliation:

Subject: Strengthen regulations on greenhouse gases!!

Comment:

I am so glad that Prop 23 was voted down in the polls, and I am looking forward to the adoption of a cap on greenhouse gas emissions. As a Californian deeply dedicated to working toward a more sustainable society, I urge us all to continue doing what we can to make our future cleaner and brighter. By making it more difficult for the world-polluting status quo to remain, we will see a surge in new development and technology. Please strengthen regulations and help move us even further forward!!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 09:42:03

No Duplicates.

Comment 492 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Elizabeth

Last Name: Taylor

Email Address: etaylor7@gmail.com

Affiliation: Attorney

Subject: AB 32 Scoping Plan

Comment:

While I agree with many of the steps outlined in the AB 32 Scoping Plan, I am concerned by the over-allowance of free pollution credits to the industrial sector in the Cap & Trade Design. I urge you to revisit, revise, and phase out free allocation to the industrial sector. The proposed level of free allocation to the industrial sector is likely much higher than is needed to combat leakage. Several research studies have found that the "leakage" claims of the industrial sector are exaggerated and subsidizing these industries through free allowances creates barriers to transitioning to a cleaner economy. CARB should build in an explicit adaptive management process to adjust the free allocation to the industrial sector based on specified evaluation metrics.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 10:03:49

No Duplicates.

Comment 493 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Thomas

Last Name: Lenert

Email Address: trlenert@ca.rr.com

Affiliation:

Subject: Enact AB 20 now!

Comment:

Please think of the future of our planet which is greatly endangered by global warming. We have a duty to future generations to begin now by enacting AB 12 to provide a reduction in carbon dioxide by 2020. My grandchildren are counting on you to do the right thing.

Thanks, Tom Lenert

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 10:02:17

No Duplicates.

Comment 494 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Stann

Last Name: Whipple

Email Address: triform13@yahoo.com

Affiliation:

Subject: clean air

Comment:

Direct responsibility for the impact of one's business processes on resources and the environment must be strongly enforced. We do not allow others to be our proxy to take tests or go to court. Every incentive and consequence needs to be in place to guide our ecological habit life for a sustainable and prosperous future. Access to land/food, water and air is essential along with shelter/warmth as a factor of fuel/energy. These basic ingredients to life cannot become commodities to be traded or bartered to the loudest or wealthiest bidder.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 10:14:49

No Duplicates.

Comment 495 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Sabrina

Last Name: Means

Email Address: sabrina@caltransit.org

Affiliation: California Transit Association

Subject: California Transit Association Comments on Cap and Trade Rulemaking
Comment:

Thank you for the opportunity to comment. Please see the attached letter.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/836-california_transit_association_letter_on_cap_and_trade__12-13-10.pdf'

Original File Name: California Transit Association letter on cap and trade 12-13-10.pdf

Date and Time Comment Was Submitted: 2010-12-13 10:58:16

No Duplicates.

Comment 496 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: James

Last Name: Fine

Email Address: jfine@edf.org

Affiliation: Environmental Defense Fund

Subject: Comments on AB32 Cap-and-Trade Proposal

Comment:

Please find attached comments by EDF, with one appendix, in a zipped file. Thank you!

Attachment: 'www.arb.ca.gov/lists/capandtrade10/837-edf.ab32captraderulecomments.final.zip'

Original File Name: EDF.AB32captraderuleComments.final.zip

Date and Time Comment Was Submitted: 2010-12-13 11:07:36

No Duplicates.

Comment 497 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Keith

Last Name: Porter

Email Address: keith@burmaoaks.com

Affiliation:

Subject: Greenhouse Gas Regulation

Comment:

Please adopt strong market-based compliance regulations to control greenhouse gas emissions in California. Again, California must and will lead the way toward a more secure and sustainable future. We must be much more aggressive in developing non-fossil fuel energy resources, and your action is an important step in the transition process.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 11:09:26

No Duplicates.

Comment 498 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Steve

Last Name: Huhman

Email Address: Steven.Huhman@morganstanley.com

Affiliation: Morgan Stanley Capital Group, Inc.

Subject: Cap and Trade Regulation comments

Comment:

Attached please find comments of Morgan Stanley Capital Group, Inc.
on the proposed Cap and Trade Program .

Attachment: 'www.arb.ca.gov/lists/capandtrade10/839-12-15-10_carb_comments.doc'

Original File Name: 12-15-10 CARB Comments.doc

Date and Time Comment Was Submitted: 2010-12-13 11:12:16

No Duplicates.

Comment 499 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Philip

Last Name: Simon

Email Address: philsim75@aol.com

Affiliation:

Subject: Greenhouse gases

Comment:

I urge you to adopt the strongest possible plan to mitigate green house gases. this will not only be good for the environment, but also good for California's economy. One of the real growth areas of the future is green technology, and this will help that market develop.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 11:19:58

No Duplicates.

Comment 500 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Rachel

Last Name: Medema

Email Address: rachel.medema@gmail.com

Affiliation: United Church of Christ Member - Oakland

Subject: AB 32 implementation - Polluting facilities should reduce CO2 and not receive free credits

Comment:

Dear Chairman Nichols and Members of the Board:

As a person of faith, I feel strongly that we have a responsibility to protect the earth for our children and future generations. Global warming is a crisis with severe environmental, social, moral, economic, and spiritual consequences. I strongly support AB 32 and want to see it implemented in a way that benefits everyone.

I am concerned that by giving away most of the pollution allowances for free, polluting companies could receive windfall profits without incentive to reduce their carbon pollution. The high percentage of offsets is also troubling. Polluting facilities should reduce their carbon emissions in the communities where they pollute, rather than be allowed to pay for offsets far from home.

California has the chance to become the world's role model for effectively addressing climate change. Ensure that our Global Warming Solutions Act is implemented effectively and equitably by limiting offsets and free give-aways to industry.

Please do not weaken the cap and trade program. Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 11:40:29

6 Duplicates.

Comment 501 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Mark

Last Name: Frey

Email Address: mfrey@terrapass.com

Affiliation: Resident of California

Subject: California needs cap and trade

Comment:

Dear Air Resources Board,

I am writing to express my support for your implementing a cap and trade system in California. While the implementation is a very complex process, it is my firm belief that California's economy and environment stand to benefit from creating a cap on greenhouse gas emissions and incentivizing innovations in industry.

California already benefits from its progressive environmental regulations, for instance the State's low per capita energy consumption, and the cap and trade system will encourage the development of new and improved technologies that help to protect the environment from global climate change. This will be an important element of the 21st century's economy, and California can harness its entrepreneurial spirit to meet these demands while maintaining global competitiveness.

Sincerely yours,

Mark Frey

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 12:16:06

No Duplicates.

Comment 502 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: PA
Last Name: Gianni
Email Address: giannis@pacbell.net
Affiliation: Concerned Citizen

Subject: Global Warming
Comment:

Dear California Environmental Protection Agency Representatives,
As a Concerned Citizen, I'm writing to urge you to follow the guidelines put forth by Environmental Protection Groups such as the UNION OF CONCERNED SCIENTISTS, SIERRA CLUB, GREEN PEACE, FRIENDS OF THE RIVER, SAVE THE SALMON-COLUMBIA AND SNAKE RIVERS CAMPAIGN, SURFRIDER FOUNDATION, CENTER FOR BIOLOGICAL DIVERSITY NATIONAL WILD LIFE FEDERATION SCRIPTS INSTITUTE, ALL MAJOR UNIVIERSTIES AND OTHERS.
I agree with and support the recommendations put forth by these groups.
As our representative in the California A.R.B. I urge you to follow THE scientific guidance of these groups.
Concerned Citizens of all generations will be holding you personally accountable as you stay with this agency or move on to other employment. We will remember who supported the sustainable American way or those who sold out to special commercial interests. Your actions will follow you the rest of your life.
These decisions are crutial to the the sustainability of THE AMERICA FOOD CHAIN/ SUPPLY.
I urge you to put the safety and sustainability before the short sighted greed of corporations that have no loyalty to anyone except greed.
THE SOVIET UNION FELL MUCH IN PART BECAUSE THEY POLLUTED THE ENVIRONMENT SO BADLY
THEY COULD NOT GROW ENOUGH FOOD. SOON THEY WERE AT THE MERCY OF WORLD MARKETS FOR FOOD PRICES. AS A RESULT THEY COULD NOT SUSTAIN THEMSELVES.
THIS EXAMPLE IS BEING REPEATED AROUND THE WORLD AS I WRITE.
AGAIN PLEASE RESPECT THE FOOD CHAIN WHICH MEANS THE ENVIRONMENT.
WHO CAN CONTROL A NATION WITHOUT FOOD.
HOW CAN A PEOPLE BE STRONG WITHOUT PLENTY OF
CLEAN FOOD, CLEAN AIR AND WATER?
Thank you for your time and attention to this matter.
Respectfully,
PA Gianni
Avila Street
San Francisco, Ca.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 12:02:42

No Duplicates.

Comment 503 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jane

Last Name: Affonso

Email Address: jgaffonso@gmail.com

Affiliation:

Subject: No free carbon credits

Comment:

Polluters should pay their fair share. By charging a fair price for carbon pollution, and limiting offsets, we can reduce emissions, implement clean energy solutions, and protect vulnerable communities bearing the brunt of pollution.

The ARB must protect public health and require industries to pay the full cost of their pollution they emit.

Thank you for your consideration.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 12:39:33

No Duplicates.

Comment 504 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ron
Last Name: Freund
Email Address: ron@lmi.net
Affiliation: Consumer

Subject: Carbon allowances
Comment:

I don't think that carbon emission allowances should be given away.
This is a massive program which needs adequate and new funding
given the state's budget crisis.

We should auction these allowances so that we don't have to raise
taxes to pay for enforcement and administration.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 12:45:30

No Duplicates.

Comment 505 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ellie

Last Name: Cohen

Email Address: ellie18@comcast.net

Affiliation:

Subject: Protect public health and require industries to pay the full cost of their pollution they
Comment:

Dear friends-

Thank you for all your great work.

With climate change impacts accelerating and with no significant reduction in our carbon pollution trajectory globally, your efforts are essential to leading the way to a safe and secure future for humanity. The evidence is growing.

o The earth is heating up. The last decade, 2000-2009 was the warmest on record. December 2009 to November 2010 is the warmest 12 month period on record. Despite the cold weather in parts of Europe and in California, November 2010 was the warmest on record.

o There have been a record number of record-breaking extreme and deadly weather events around the world this past year according to Munich Re, the largest reinsurance company, with huge human and societal costs.

o The Arctic ice was at its lowest volume ever at the end of the 2010 summer, allowing for increased positive feedbacks that warm the ocean and the atmosphere even further while also threatening the survival of iconic Arctic species such as the polar bear.

o Sea levels are already rising and new projections show the potential for more than 6 feet of sea level rise by 2100, not including effects of storm surges and El Nino thermal expansion which can raise levels even higher and cause more damage to human infrastructure. New studies show that wave heights have increased significantly over the past 25 years on the West Coast.

o Oceans are becoming more acidic and one new study show that Estuaries, such as the San Francisco Bay, may be vulnerable to even greater impacts from acidification, ecologically and economically. Warming of the surface layers of the ocean are implicated in what scientists report to be a 40% decline globally in phytoplankton, the tiny floating plants that transform the sun's energy into food energy and produce half the oxygen we breathe.

o Temperatures in the American West are rising 2 times faster than the rest of the world and extreme drought is projected over the decades ahead based on multiple climate change scenarios.

o The dust-bowlification of California and the West has already begun with increased warming and decreased permanent snow pack. For

example, Lake Mead is at its lowest level since it was first filled in the 1930s, due in part to our warmer world. The subtropical zones and the jet streams have already shifted poleward in both hemispheres, dramatically shifting weather patterns. New studies project that severe drought may be the norm within the next couple of decades in the Southwest.

The challenges of climate change to humanity and the ecosystems we all depend upon for clear air, fresh water, food, flood control, carbon sequestration and much more, are being observed and documented. There is no time to lose.

The air board should not give away carbon credits for free to polluters. Carbon fees are one of the single most important incentives for reducing emissions. In addition, any offsets allowed should be limited and narrowly targeted to benefit the impacted communities that are suffering from power plant and refinery pollution.

We all need to pay our fair share to secure a safe and healthy future, polluters included. By charging a fair price for carbon pollution, and limiting offsets, we can reduce emissions, implement clean energy solutions, and protect vulnerable communities and ecosystems.

Please work to protect public and environmental health by requiring industries to pay the full cost of their pollution they emit.

Thank you very much for considering these comments and the growing body of evidence that climate change is upon us and accelerating.

Sincerely,

Ellie Cohen

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 12:33:02

No Duplicates.

Comment 506 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Janet

Last Name: Beazlie

Email Address: jbeazlie@yahoo.com

Affiliation:

Subject: capandtrade10

Comment:

Please do not give away carbon credits to carbon sources (polluters). Credits should be auctioned or bought. Europe's system is a cautionary tale of setting the carbon price too low and giving away credits.

A limited role for offsets may necessary in the beginning, but the ability to offset carbon pollution must be very limited or greenhouse gases will not be cut significantly.

For the system to succeed, carbon must be priced high and priced ever higher during the years following. Credits must be bought by those who are considered the pollution sources (often power companies).

Offsets must be allowed sparingly and less allowed every year.

A Cap and Dividend system is a more socially just system which allows all people to cover their higher energy prices with the regular dividend collected through the sale of credits. To give credits away keeps money from the ratepayers and from clean energy research and development. Please do not weaken your plan to suit polluters. We, the people of California, will pay for the delay of an effective plan with our childrens' future.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 13:08:14

No Duplicates.

Comment 507 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Edith

Last Name: Black

Email Address: edithblack@comcast.net

Affiliation:

Subject: pollution credits

Comment:

I welcome the application of the global climate change bill. But I am concerned about the giving of too many pollution credits to polluting industries. Please phase out this program as soon as possible so that the transition to a greener economy can happen as soon as possible. Thanks for taking comments.

Edith Black

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 13:31:58

No Duplicates.

Comment 508 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Mary

Last Name: Lyon

Email Address: maryglyon@yahoo.com

Affiliation:

Subject: Proposed Cap on Greenhouse Gas Emissions - NO!!!!

Comment:

The problems we've had in EVERY other area of our society come from laissez-faire "free market" or "market-based" decision-making. But there are some things that you can't put a price tag on, and don't belong in the equation in the first place. Above ALL, we must protect our environment and our air quality. If we don't, to save a buck for now, we will pay in untold multiples later for such reckless, short-sighted carelessness.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 14:06:55

No Duplicates.

Comment 509 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Nicholas

Last Name: Martin

Email Address: nmartin@winrock.org

Affiliation:

Subject: Winrock - ACR comments on draft cap-and-trade rule

Comment:

Please find attached Winrock International - American Carbon Registry's comments on the draft cap-and-trade rule. Our letter and three proposed offset protocols are included in the .zip file attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/859-winrock_-_american_carbon_registry_submission_12-13-10.zip'

Original File Name: Winrock - American Carbon Registry submission 12-13-10.ZIP

Date and Time Comment Was Submitted: 2010-12-13 14:08:30

No Duplicates.

Comment 510 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Denis

Last Name: Weber

Email Address: dlweber4@sbcglobal.net

Affiliation: City Councilmember

Subject: Cap & Trade

Comment:

Please DO NOT go forward with this. This is a receipe for disaster for all of California. Why should people or companies pay to pollute the air and then every company that can't afford to pay will end up leaving this state and then where does that leave us? With less resources than we have now.

Our legislature has been an outrage in doing things that make NO sense in a normal society and this yet another move that shows the rest of the country how out of touch we are with reality.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 14:35:37

No Duplicates.

Comment 511 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Leah

Last Name: Scheibe

Email Address: L_Scheibe@comcast.net

Affiliation:

Subject: Pollution Credits phase out and GHG reduction projects

Comment:

I worked very hard to defeat Prop 23 and feel strongly that there should be a limit on the number of pollution credits (below what you are proposing) and a quicker reduction of those credits. These companies and utilities have had ample time to prepare. The CAR and VCS markets have credits readily available to buy, especially if CARB accepts the CAR and VCS methodologies for projects. There are some great projects out there that were developed by people who took the kind of risks we need, we need to reward them!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 16:04:27

No Duplicates.

Comment 512 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: David

Last Name: Enevoldsen

Email Address: david.enevoldsen@kla-tencor.com

Affiliation:

Subject: Prop 23, CARB, and the greenhouse gas proposal

Comment:

We need to set a very strong example here for several reasons. As we dawdle our way towards reducing greenhouse gases, China and India are building new coal fired power plants every day to facilitate their move towards becoming modern industrial nations. This has truly frightening implications for our polar ice caps, mercury and CO2 contamination of the oceans, and atmospheric pollution, notwithstanding the disposal of the coal ash left behind. If California can show the way towards alternative sources of energy and meaningful reduction of greenhouse gases, perhaps it will start a worldwide trend to follow our lead. Humankind is in deep trouble if we don't act now to resolve this mammoth problem, please don't let the lobbyists from the fossil fuel companies weaken this effort. They are fighting a losing battle and they know it. Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 16:09:12

No Duplicates.

Comment 513 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Janet

Last Name: Bell

Email Address: jbell@mwdh2o.com

Affiliation: Metropolitan Water District

Subject: Comments on Proposed Cap and Trade Regulation

Comment:

Please see attached comments letter.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/870-carb.captrade.comments.december2010.pdf'

Original File Name: CARB.Captrade.comments.December2010.pdf

Date and Time Comment Was Submitted: 2010-12-13 16:17:58

No Duplicates.

Comment 514 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Paul

Last Name: Burks

Email Address: paulburks1@mac.com

Affiliation: United Methodist Minister (ret.)

Subject: Public Hearing on a Proposed Cap and Trade Bill

Comment:

YES to the California Cap on Greenhouse Gas Emissions and
Marketbased Compliance Mechanisms Regulation.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 16:29:49

No Duplicates.

Comment 515 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Susan

Last Name: Kraemer

Email Address: susan.kraemer@gmail.com

Affiliation: clean tech writer

Subject: I support the cap and trade bill AB32

Comment:

As someone who researches and writes about clean energy policy - in other countries as well as here - it has become very clear to me that there is an overwhelming preponderance of hard evidence that cap and trade does indeed work to first cap and then steadily reduce emissions of dangerous greenhouse gases - and that it leads to prosperity, and not hardship.

Stay the course - don't listen to the fossil industry, or those they have duped into buying their fear mongering.

Thanks.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 16:28:04

No Duplicates.

Comment 516 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Edith

Last Name: Hoyt

Email Address: emsshep@hotmail.com

Affiliation:

Subject: AB32 - Cap N Trade

Comment:

Any implementation of Cap and Trade legislation during a recession in a state (CA) with very high unemployment and one foot in bankruptcy is insane. I don't care what the voters said last election - continuation with this program will put the final nails in the coffin for sure. Hold off forever is preferred but at least till we get out of this recession.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 16:25:29

No Duplicates.

Comment 517 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Alanna

Last Name: Louin

Email Address: anemoneskate@yahoo.com

Affiliation:

Subject: Proposed Program re: Global Warming Emissions

Comment:

Dear CA Air Resources Board,

I am thankful to live in the state that is leading the country on the issue of global warming and the environment. I am glad you are taking this issue seriously.

There is one item of concern to me. Throughout my life, businesses--particularly large ones--always seem to be allowed to avoid consequences of their actions. They recieve a slap on the wrist, or guidelines that are not enforced, or they are just absolved of responsibilities. Please make the polluters be responsible. Make them pay the damages they have already made, clean up their businesses, and pay for permits.

Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 16:07:38

No Duplicates.

Comment 518 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Michael
Last Name: Cannon
Email Address: mc@silverbuletgroup.com
Affiliation:

Subject: No to free pollution credits
Comment:

I'm a big supporter of AB 32, which requires that California reduce its greenhouse gas pollution to 1990 levels by 2020.

Please do not sell out to the biggest polluters by "giving them" credits to pollute.

Vote for what's right and make your kids and grandkids proud of your public service.

Thanks ,

Michael

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 16:48:38

No Duplicates.

Comment 519 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: christina

Last Name: castle Rey

Email Address: christina@satelliteresearch.net

Affiliation:

Subject: Greenhouse Gas Emissions...

Comment:

Anything we can do to slow climate change should be at the top of our list. The weather extremes are already happening so this is super important!
Thank You.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 17:09:29

No Duplicates.

Comment 520 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: rachel

Last Name: myers

Email Address: rachelmyers416@yahoo.com

Affiliation:

Subject: global warming

Comment:

Please help the world by having the government go green! thanks!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 17:12:19

No Duplicates.

Comment 521 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Laurie & Allan

Last Name: Williams/Zabel

Email Address: williams.zabel@gmail.com

Affiliation: Citizens Climate Lobby & as Individuals

Subject: Comment on Proposed GHG Offset Protocols

Comment:

Comment submitted December 13, 2010

COMMENT ON PROPOSED ADOPTION OF A CALIFORNIA CAP ON GREENHOUSE GAS EMISSIONS AND MARKET-BASED COMPLIANCE MECHANISMS REGULATION, INCLUDING COMPLIANCE OFFSET PROTOCOLS - IMPLEMENTATION OF AB32

Comment by Laurie Williams & Allan Zabel on behalf of themselves as private citizens of California and as volunteers, writing on behalf of Citizens Climate Lobby, a non-profit organization located in San Diego, California, asserting that adoption of the proposed offset protocols is arbitrary and capricious and contrary to the intent and requirements of AB 32, the California's Global Warming Solutions Act of 2006.

Overall Point - AB 32 requires that greenhouse gas ("GHG") offsets be "real, permanent, quantifiable, verifiable, enforceable, and additional." Adoption of the proposed Offset Protocols by the California Air Resources Board is arbitrary and capricious and should be rejected because the protocols for proposed GHG offsets cannot meet these standards. In addition, to the extent that GHG offsets are not additional, they destroy the integrity of the entire program by allowing additional GHG emissions from the capped sector above the "cap" that will not be offset by additional emission reductions elsewhere. Finally, because California's program is looked to as a model and proof of concept, adoption of this flawed mechanism would be extremely damaging to national and international efforts to effectively reduce GHG emissions. Adoption of GHG offsets as part of the California program would serve as a template for such programs, encouraging others to pursue this flawed approach to the most urgent problem facing humanity, increasing the chances of catastrophic climate change, and defeating the stated purpose of AB 32. Under the proposed action, "covered entities can use offset credits to satisfy up to eight percent of the entity's total compliance obligations." See Notice of Public Hearing at p. 5. This 8% of the compliance obligation is very significant percentage of the total reductions sought.

Fatal Flaws of GHG Offsets - To be credited as an offset, the staff report states that a project "must also be additional to what is required by law or regulation or would otherwise have occurred." See ARB Staff Report, page 35 of 472. (Emphasis added.) Our analysis focuses primarily on the latter requirement. As demonstrated in our Whistleblower Disclosure ("Williams/Zabel Disclosure"), dated July 22, 2010 (http://www.carbonfees.org/home/Whistleblower_Disclosure_to_Congress_7-21-10.pdf),

GHG offsets of the type that ARB proposed to adopt are fatally flawed and cannot be fixed. There is no reliable way to distinguish offset projects which will occur because of the offset incentive from those which would have happened anyway because of the following four unfixable flaws of GHG Offsets:

- **Additionality:** Whether reductions outside the capped sector are additional is necessarily a hypothetical inquiry and such an inquiry cannot reliably distinguish business-as-usual. Specifically, it is impossible to know what "otherwise would have occurred" and therefore it is not possible to create an offset program that reliably excludes business-as-usual activities from being counted as "additional." (See U.S. Government Accountability Office discussion below, confirming this conclusion.)
- **Leakage/Shifting Economic Activity:** In some cases, such as in the context of forestry projects, the offsets will fail to appreciably mitigate demand and the polluting activity (such as logging) will simply shift elsewhere;
- **Perverse Incentives to Increase Emissions and Keep Them Legal:** GHG offsets create perverse incentives to keep polluting activities legal and in some cases to increase them, so they can keep being sold as offsets (Note: this dynamic is recognized in the Ozone Depleting Substances ("ODS") Protocol re: HCFC-22 by-product HFC-23 destruction in the United Nations Clean Development Mechanism ("CDM"), see ODS Protocol at p. 11 of 67); and
- **Unenforceable:** The complexity and subjectivity of offsets renders them impossible to certify, regulate or enforce.

As explained in our discussion below of each of the four proposed offset protocols suffers from one or more of these flaws and would result in approval of non-additional projects in violation of AB 32. As a result, it would be arbitrary and capricious to adopt the proposed GHG offset protocols as part of the proposed cap-and-trade program

See also, U.S. Government Accountability Office, March 2009
"Observations on the Potential Role of Carbon Offsets in
Climate Change Legislation" at p. 12, GAO-09-456T
(<http://www.gao.gov/new.items/d09456t.pdf>). "Because additionality is based on projections of what would have occurred in the absence of the CDM [United Nations Clean Development Mechanism], which are necessarily hypothetical, it is impossible to know with certainty whether any given project is additional." (Emphasis added.)

Keeping Our Eyes on the Wrong Ball - Offsets are described in the Staff Report as a "cost containment mechanism," which offers additional low-cost emissions-reduction opportunities. See Staff Report at page 14 of 472. However, cost containment interferes with another goal cited in the Staff Report -- to "stimulate investment in clean and efficient technologies." See Staff Report at page 11 of 472. Keeping the price of fossil fuel emissions lower by allowing offsets delays investment in clean energy technologies and energy efficiency by keeping fossil fuels cost competitive. As a result, such "cost containment" defeats the goal of a rapid transition to clean energy and energy efficiency. See <http://www.carbonfees.org/home/Cap-and-TradeVsCarbonFees.pdf>

Critique of Proposed GHG Offset Protocols for AB 32:

The four offset protocols proposed for adoption by the ARB are Livestock Manure (Digester) Projects, U.S. Ozone Depleting Substance Projects, U.S. Forest Projects and Urban Forest Projects.

We provide a specific critique of why each of the protocols cannot meet the AB 32 requirements below:

(1) Livestock Manure (Digester) Projects

The digester performance standard contradicts AB 32 requirement of additionality:

As noted above, key element of additionality is that the project is additional to what "would otherwise have occurred." See ARB Staff Report at p. 35 of 472.

a. Significantly Better Than Average: The offset protocol for Livestock Manure Digester Projects fails to meet this standard of additionality by having a performance standard that allows all such digesters to be offsets on the basis that a digester "is significantly better than average." See Livestock Protocol at p. 9 of 68. Thus, the protocol redefines "what would have occurred otherwise" to include what is already occurring at some facilities.

"Data shows that California livestock operations (dairy, in particular) manage waste in a manner primarily in liquid-based systems that are very suitable for digesters. Yet even in these favorable conditions digesters are found on less than 1% of the dairies," (Id.) (however, the majority of the farms that currently have digesters are significantly larger than the average California dairy.)

b. Evidence that Digester Projects Can Be Profitable Without Offset Payments: A December 2009 announcement by the U.S. Department of Agriculture and the U.S. Department of Energy indicates that "Currently, only about 2% of U.S. dairies that are candidates for a profitable digester are using the technology, even though dairy operations with anaerobic digesters routinely generate enough electricity to power 200 homes." See, http://apps1.eere.energy.gov/news/news_detail.cfm/news_id=15685. The Department of Energy has confirmed that "A biodigester usually requires manure from more than 150 large animals to cost effectively generate electricity. Anaerobic digestion and biogas production can also reduce overall operating costs where costs are high for sewage, agricultural, or animal waste disposal, and the effluent has economic value. In the United States, the availability of inexpensive fossil fuels has limited the use of digesters solely for biogas production. However, the waste treatment and odor reduction benefits of controlled anaerobic digestion are receiving increasing interest, especially for large-scale livestock operations such as dairies, feedlots, and slaughterhouses." See, http://www.energysavers.gov/your_workplace/farms_ranches/index.cfm/mytopic=30005.

c. Existing Projects: The proposed program appears to allow existing digester projects to count as additional to what "otherwise would have occurred." The ARB staff report states, "The proposed regulation also includes a process for offset credits from qualified existing offset projects operating under specific offset protocols to be accepted into the compliance offsets program." See ARB Staff Report at p. 78 of 472. This feature means that existing projects -- project that are currently in progress -- can be counted as additional to "would otherwise have occurred." The net result is a system that allows profitable, existing projects and approaches to methane reduction to be used to allow emissions above the cap in the allegedly "capped" sector.

d. Perverse Incentive to Increase Emissions (Digester Offsets May Increase Emissions and Cause Other Environmental Harm): The ARB Livestock Manure Protocol Report notes that "The installation of a BCS [Biogas Control Systems] at an existing livestock operation where the primary manure management system is aerobic (produces little to no methane) may result in an increase of the amount of

methane emitted to the atmosphere. Thus, the BCS must digest manure that would primarily be treated in an anaerobic system in the absence of the project in order for the project to meet the definition of an offset project." See Livestock Report at p. 19 of 68, FN 5. This footnote provides an important admission that proposed Digester Protocol may encourage an increase in emissions as a means to gain offset payments. Specifically, manure could be, and sometimes is, processed in an aerobic environment, producing little to no methane. An example is that manure can provide valuable fertilizer to farming operations and be used instead of petrochemical fertilizers. However, by creating the offset program, ARB may encourage facilities to first switch from an aerobic to an anaerobic process (and hence increasing methane), so that their farm can qualify to participate in obtaining offsets. This decision could also lead to increased use of petrochemicals and other environmental harm.

e. Perverse Incentive to Keep Methane Emissions Legal and Prevent Regulatory Evolution: In addition to potentially encouraging a move to anaerobic conditions so that a dairy would qualify for offsets, the Digester Protocol also creates an incentive for additional market participants to oppose regulation that would require either aerobic treatment or an anaerobic digester. As noted with respect to the other Protocols and in the Williams/Zabel Disclosure, normal regulatory evolution would move in the direction of prohibiting activities that are found to be harmful in significant ways that were not previously appreciated or known. In this case, all facilities that engage in anaerobic storage of manure for more than 150 cows could potentially be required to use a biogas control system and destroy or sell the resulting methane for energy. A law that creates an offset market for this activity creates opposition to a comprehensive regulation that would remove this activity from the offset market and deprive these market participants of the related revenue, creating instead an obligation that has associated costs. The heightened opposition to such regulation should be analyzed as part of "what otherwise would occur," in order to fully consider whether the proposed offset protocol creates truly additional reductions outside the capped sector.

f. Summary: In summary, there are five types of evidence that it would be arbitrary and capricious to approve the proposed Digester Protocol for Offsets: (1) the protocol redefines additional as "significantly better than average," which clearly includes a type of activity that is already occurring (non-additional) without the offset incentive, (2) the protocol allows offsets for activities that would be profitable even without the offset payment, (3) the protocol allows existing projects to create offsets, (4) the protocol creates a perverse incentive for some farms to increase anaerobic manure storage to increase the chance of offset income, and (5) the protocol increases the incentives for those who profit from the offsets to fight new regulation that would require the capture and/or use of the methane produced by livestock, as this would deprive them of offset profits. In light of these five factors, the degree of additionality created by the Protocol is unknowable and unverifiable and thus fails to meet the required standards for AB 32 offsets.

(2) U.S. Ozone Depleting Substances ("ODS") Projects

a. Destruction of ODS from Refrigeration Equipment and Foam: The proposed ODS Protocol would grant GHG offsets for projects which collect and destroy ODS from refrigeration equipment containing ODS

and from foam which was manufactured using ODS as a blowing agent. Both the ODS refrigerant and the ODS blowing agent must originate from the United States. See ODS Protocol at sections 2.3.1 and 2.3.2 (p. 22 - 23 of 67). The ODS Protocol contains two major flaws. These flaws would allow potential project operators to receive GHG offsets for claimed GHG emission reductions which are not additional. In addition, the ODS Protocol's reliance on unverifiable assertions and records generated by the offset project operator would create opportunities for fraud which would be extremely difficult or impossible to prove once the fraud was completed.

b. Unsupported Assumptions: In explaining how the performance standard of destruction of ODS pursuant to the Protocol would be additional, the Staff Report claims, without providing any supporting citation or materials, that "Data shows that less than 1.5% of recoverable US sourced ODS are destroyed upon end-of-life of the [refrigeration] equipment or [foam] material. This indicates that collecting and destroying the ODS is above and beyond common practice and therefore destruction meets the performance standard."

Staff Report, page 6. In addition, the ODS Protocol assumes that all ODS recovered from refrigeration equipment is reclaimed for further use. ODS Protocol at sections 2.3.1 and 5.1.1.

c. Destruction of ODS during Business-As-Usual: The combination of these assumptions is important for claiming that all ODS destroyed pursuant to the Protocol are additional for purposes of generating offsets. If ODS removed from refrigeration equipment is not always reclaimed and reused, but for technical and/or financial reasons is sometimes destroyed, the destruction of this ODS would not be additional because it would occur in the course of business-as-usual.

d. Barriers to Reclaiming and Reuse - Title VI of the Clean Air Act: In fact, not all ODS recovered from refrigeration equipment is reclaimed and reused. To be used as reclaimed refrigerant, ODS must meet established specifications under Title VI of the Clean Air Act. To be economically viable as reclaimed refrigerant, ODS removed from refrigeration equipment must not be mixed with other types of ODS and must not be heavily contaminated with oils and other impurities. Either of these problems will most often make the cost of bringing the ODS up to Clean Air Act specification prohibitively expensive. These problems regularly occur and a significant amount of ODS removed from refrigeration equipment is destroyed rather than being reclaimed and reused. The ODS Protocol would allow the generation of GHG offsets from this destruction.

e. Barriers to Verification: The ODS Protocol contains two glaring enforcement weaknesses. First, as stated above the ODS Protocol requires that both the ODS refrigerant and the ODS blowing agent destroyed in a project must originate from the United States. This requirement is not practically enforceable. Once the foam or refrigerant is destroyed, it will be virtually impossible for an enforcement inspector to verify or challenge the paper records kept by the project operator. Second, this hopelessly flawed reliance on paper records generated by the self-interested project operator is a hallmark of the entire verification "methodologies" in the ODS Protocol. The temptations for a project operator to exaggerate or outright fabricate records will be enormous. If GHG offset prices come close to the offset prices in the European GHG trading program, destruction of a single pound of GHG could be worth nearly \$100. Again, once all the real evidence is gone, e.g., the foam and refrigeration unit are in the landfill and the ODS has allegedly been destroyed, there is little, if any, hope of proving the fraud.

f. Emissions Above the Cap: As with the Digester protocol above,

the net result of the unverifiable and non-additional offsets that can be created under this protocol is a system that would allow emissions above the cap in the capped sectors.

g. Perverse Incentive to Keep Landfill Disposal of Foam Containing ODS Legal: Allowing offsets for ODS destruction from foam may also create additional barriers to passage of appropriate regulations that would require ODS destruction before foam containing these substances could be brought to a landfill. Once an offset activity is profitable, those who are profiting will provide additional resistance to the passage of legislation and/or regulations that could provide an across the board, rather than piecemeal solution. In this sense, the proposed offsets do not meet the standard of additional reductions beyond what would have occurred otherwise.

(3) U.S. Forest Projects

a. Reforestation, Improved Forest Management and Avoided Conversion: The proposed U.S. Forest Protocol would grant GHG offsets for three types of projects - reforestation, improved forest management, and avoided conversion. This Protocol contains a plethora of very serious flaws. The most serious of these flaws concern the determination of whether any given forest project is additional, i.e., whether the project would have occurred in the course of business-as-usual. For each type of forestry project, the U.S. Forest Protocol established a performance test. If the project meets the applicable performance standard, the project is deemed to be additional. U.S. Forest Protocol at section 3.1.2. (p. 34 of 131.)

b. Performance Standard Approach to Additionality and Business-As-Usual : We have set forth an analysis concerning the common failures of a performance standard approach to determining additionality in the Williams/Zabel Disclosure at pp. 9-11. As detailed below, the U.S. Forest Project Protocol includes a number of these failures that result in include projects which would have occurred in the course of business-as-usual. This is because performance standards of this type are, by their very nature, almost always comparisons to projects which have actually occurred.

In a market economy, the most advanced methods quite often give the business using them a competitive advantage. This is why these advanced pieces of equipment and methods are most often "significantly better than average" and "better than common practice." In a market economy, they are the result of business-as-usual. It violates AB 32's requirement of additionality to grant offsets to such projects.

c. Improved Forest Management and the "Common Practice" Performance Standard: The U.S. Forest Protocol for improved forest management projects contains several different performance standard flaws. It relies on calculations that involve mind-numbing complexity and a series of subjective and unenforceable judgment calls. This protocol also relies heavily on "common practice" as its benchmark for additionality. The entire demonstration of additionality is based upon "estimating baseline onsite carbon stocks" and comparing this to "common practice" on "similar lands" in the area of the project. U.S. Forest Protocol at section 6.2.1. (p. 64 of 131.) Since it is impossible to have an objective determination of whether forest management projects are beyond what would otherwise have occurred under this protocol, the offset performance standard clearly fails to satisfy AB 32's requirements that offsets be "real, permanent, quantifiable, verifiable, enforceable, and additional."

d. Reforestation - "Less Than 10% Tree Canopy Cover" Performance Standards: For reforestation projects, the U.S. Forest Protocol allows two possible performance standards, either of which could lead to the approval of offsets. One of the standards is the there

is currently less than 10% tree canopy cover. In this case, the protocol merely states that projects which occur on land that has had less than 10 percent tree canopy cover for the last 10 years are automatically additional. No analysis, data, or rationale is presented for this determination.

e. Reforestation - Areas with "Significant Disturbance" - Alternative Performance Standards- "Economic Cost Scenario" or "Historical Not Engaged In or Allowed Timber Harvesting": For reforestation projects which occur on land which has undergone a "Significant Disturbance" (e.g., fire) projects are additional if they either meet one of two performance standard. For the economic cost scenario (set forth in a two page appendix to the Protocol) or if the "Forest Owner has not historically engaged in or allowed timber harvesting." U.S. Forest Protocol at section 3.1.2.1. The economic cost scenario approach to additionality appears to very heavily rely on data which either does not yet exist or have not been made public. Twice this part of the Protocol states that certain economic information and assumptions can be found in "the lookup table in the Forest Offset Protocol Resources section of ARB's website." U.S. Forest Protocol, Appendix E, p. 103. We were unable to locate this section of ARB's website. In addition, the second test for additionality contains no explanation or number of years which constitute "historically engaged in or allowed timber harvesting." It is suggested, by example, that this qualification would apply to municipal or state parks, but this is made clear or exclusive in the Protocol. U.S. Forest Protocol at section 3.1.2.1. This completely subjective "standard" is neither rational nor enforceable.

f. Avoided Conversion Projects - Shifting Economic Activity: Finally, for avoided conversion projects (e.g., conversion of forest to commercial, residential or agricultural land), the U.S. Forest Protocol relies very heavily on appraisals of land value in the various land use scenarios. U.S. Forest Protocol at section 3.1.2.3. This approach has two basic problems. First, leaving a forest uncut and unconverted to another use does not necessarily result in fewer GHGs. Forest products exist in a world market. The largest supplier to the U.S. of softwood (used, for example, in building homes), is Canada. If U.S. demand for softwood is not diminished, the forest preserved in the U.S. will almost certainly result in additional timber harvesting in Canada or some other country. This will result in no net decrease in GHGs. In fact, it would like result in a slight increase represented by the fuel it takes to import the timber products. Second, appraising land value is hardly an exact science. Anyone aware of the mortgage meltdown should be aware that appraisals can be manipulated, fabricated, and, essentially, purchased by a self-interested party. Having a "qualified" appraiser, as required by the Protocol, hardly addresses this problem.

(4) Urban Forest Projects

a. Tree Planting and Maintenance: The proposed Urban Forest Protocol would grant GHG offsets for tree-planting and maintenance programs carried out by municipalities, educational institutions, and utilities. This Protocol is the most benign, and probably the most well-intentioned, of the proposed offset protocols. However, even the Urban Forest Protocol contains one serious flaw.

b. Net Tree Gain: The Urban Forest Protocol assumes that any "Net Tree Gain" represents an additional reduction in GHGs. While any Net Tree Gain is a happy thing for the environment, people, and the livability of our communities, these gains do occur in the course of business-as-usual. A case in point is the urban forest project carried out by San Francisco's Department of the Environment. In its September 2009 Annual Report to the Mayor and Board of

Supervisors, San Francisco's Urban Forestry Council noted that a five-year plan, initiated in 2004, had resulted in the planting and maintenance of 26,408 trees. This occurred well before the incentives of GHG offsets. See Annual Report, September 2009, http://www.sfenvironment.org/downloads/library/sfe_urban_forest_annual_report_2009.pdf.

c. Emissions Above the Cap: Ultimately, for an offset protocol to have integrity, the results of all offset projects must be the result of the financial incentive. If this is not the case, the financial gain for the "would-have-happened-anyway" project is merely a gratuitous reward. While cities and other institutions would appreciate the extra revenue for planting and maintaining trees they would have planted and maintained anyway, the problem is that all non-additional GHG offset will inexcusably undercut the goal of the associated environmental program, reducing emissions. Any such non-additional offsets, will result in allowing additional unjustified emissions above the cap in the capped sectors.

CONCLUSION

It is critically important for ARB to resist the temptation to make offsets part of California's cap-and-trade program. Given that rapid transition to cleaner energy and energy efficiency is critical to avoiding global climate disruption, California cannot afford to endorse a program that would allow increases in emissions in the capped sector above the cap to be "offset" by unverifiable reductions that overlap with business-as-usual. A system that allows such offsets will encourage other jurisdictions to follow suit and create a system that locks in climate degradation and the attendant harsh consequences. While these offset protocols are supported by interests that would like to profit from the protocols and by continued emissions in the capped sectors, they would create a huge loophole of non-additional offsets and would delay effective action in ways that are likely to be tragic for today's young people and for future generations.

While we agree that it would be positive for California to create incentives for a net increase in additional forest cover, more reliable capture and destruction or recycling of ozone depleting substances, and reductions in livestock methane emissions, we do not believe that GHG offsets are a reliable way to accomplish these goals. As demonstrated above, the proposed offset protocols are an inappropriate mechanism for seeking these improvements because there are numerous barriers to reliably verifying that any given project is additional. As a result, it is arbitrary and capricious and inappropriate for the Air Resources Board to approve the proposed GHG offset protocols.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/878-comments_on_proposed_ab_32_offset_protocols_12-13-10v7.doc'

Original File Name: Comments on Proposed AB 32 Offset Protocols 12-13-10v7.doc

Date and Time Comment Was Submitted: 2010-12-13 17:12:11

No Duplicates.

Comment 522 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Mark

Last Name: Byron

Email Address: mbyron@gwfpower.com

Affiliation: GWF Power Systems

Subject: Comments on proposed cap and trade regulations

Comment:

Please find attached GWF's comments on the proposed cap and trade regulations.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/879-2010_12_13_gwf_comment_letter_on_proposed_cap_and_trade_regulations.pdf'

Original File Name: 2010 12 13 GWF comment letter on proposed cap and trade regulations.pdf

Date and Time Comment Was Submitted: 2010-12-13 17:27:47

No Duplicates.

Comment 523 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Greg

Last Name: Grothaus

Email Address: ggrothau@gmail.com

Affiliation:

Subject: Great Job

Comment:

I'm writing to show my support for AB32. California is the best place to test such a system in the country, and it's something we need to try and to learn from.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 18:51:06

No Duplicates.

Comment 524 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Catherine

Last Name: Grace

Email Address: Superdeluxmom@yahoo.com

Affiliation:

Subject: AB 32

Comment:

To whom it may concern,

I am contacting you to lend my support AB 32. Free pollution credits should not be an option-

thank you

Catherine Grace

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 18:48:15

No Duplicates.

Comment 525 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Karen

Last Name: Parlette

Email Address: sahaja@sonic.net

Affiliation:

Subject: Cap on Greenhouse Cap Emissions

Comment:

I strongly support the official statement of the Union of Concerned Scientists concerning the implementation of Greenhouse Gas Emissions capping. The strong public support of Proposition 23 is a public mandate of strong Greenhouse Gas reduction laws, as well. Global Warming and the need to free ourselves from dependence on fossil and nuclear fuels are the most serious issues facing the human community. Please treat these issues with the serious, energetic and ethical commitment that they require.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 19:04:00

No Duplicates.

Comment 526 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Henry

Last Name: Murphy

Email Address: henry.w.murphy@gmail.com

Affiliation:

Subject: ARB regulation of new climate rules

Comment:

In attempting to lead the nation in regulating carbon emissions, we should set a decent example and make sure business pays its share for the pollution it creates. For too long, private industry has placed the costs of environmental damage on to the public. Now is the opportunity to set strong standards.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 19:33:11

No Duplicates.

Comment 527 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Wesley

Last Name: Harrison

Email Address: ezywes@comcast.net

Affiliation:

Subject: California legislative Bill AB32

Comment:

I would urge you to vote against this bill and/or the implementation of the provisions of this bill. This is the wrong time to implement legislation that will impede the progress of businesses in California. Each of the fancy sounding words in the Public Notice above should start with a -\$, because that will be the bottom line.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 20:00:15

No Duplicates.

Comment 528 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Constantine

Last Name: Bogios

Email Address: costabass@hotmail.com

Affiliation:

Subject: Climate Standards

Comment:

The data is there so please act accordingly and strengthen the proposed program for decreasing global warming emissions from the state's largest polluters.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 20:13:38

No Duplicates.

Comment 529 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Casey
Last Name: Creamer
Email Address: casey@ccgga.org
Affiliation: Ag Coalition

Subject: Ag Coalition Comments
Comment:

Attached are Comments from several agricultural organizations on the Cap-and-Trade and Mandatory Reporting regulations.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/886-ag_coalition_comments_12.13.10.pdf'

Original File Name: Ag Coalition Comments 12.13.10.pdf

Date and Time Comment Was Submitted: 2010-12-13 20:15:34

No Duplicates.

Comment 530 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jennie

Last Name: Richards

Email Address: jennierichards1@gmail.com

Affiliation: Resident of CA

Subject: Strengthen GHG Emission regulations

Comment:

Hello,

I'm writing to you as a resident of California, and a concerned citizen about our environment. I urge you to take the opportunity to strengthen GHG and Carbon emission regulations to decrease the levels of emissions. Carbon Dioxide and many GHG gases are known to harm our health, environment, air quality, and dramatically impact climate change. Please take a bold, positive stand to regulate these gases and emissions that will make a positive impact on our health and our environment.

Thanks,

Jennie

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 20:23:22

No Duplicates.

Comment 531 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Alexandra

Last Name: Hunter

Email Address: Sandyh10@yahoo.com

Affiliation:

Subject: proposed cap and trade for large polluters

Comment:

Don't give large corporate polluters and breaks or free credits.

God, we are gagging due to air quality, even by SF Bay,

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 20:40:35

No Duplicates.

Comment 532 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Larry
Last Name: Hanson
Email Address: larryjhanson@comcast.net
Affiliation:

Subject: Cap & Trade regulation
Comment:

Dear CARB,

I support the upstream point of regulation and auctioning 100% of permits in the transportation sector.

In the industrial sector, the free allocations are excessive and should be reduced. In the electricity sector, the final regulation should direct utilities to protect ratepayers by returning allowance value directly to residential customers as a rebate check.

Finally, I urge you to follow your expert economic panel's recommendation that "The largest share (roughly 75%) of allowance value should be returned to California households..." in the form of a dividend check.

Sincerely,

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 20:39:48

No Duplicates.

Comment 533 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Gael
Last Name: Perrin
Email Address: gandg@comcast.net
Affiliation:

Subject: California Environmental Protection Agency | AIR RESOURCES BOARD ARB Emissions Trading Pr
Comment:

Subject: Cap and Trade ARB vote Dec 16

Dear Steve

I am an educated, politically active, liberal, environmentally concerned CA resident and it is by total coincidence that I know anything about CA's push towards cap and trade. In other words, the few back page articles in the SF Chron were easy to miss and I certainly never saw the specifics about the California Environmental Protection Agency | AIR RESOURCES BOARD ARB Emissions Trading Program until today. What did catch my eye was the Chron's news last week that the majority of Californians support cap and trade.
<http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2010/12/09/BUNB1GNPUA.DTL>

Although I am not a certified pollster, I humbly challenge whoever took this poll... I have been informally polling my educated, active peer group about this subject for the last month and no one even knew what cap and trade meant... other than it was some way to fix the carbon pollution problem. Sad but true. So I don't know how a majority of Californians support cap and trade when I can't find one smart person who even understands it.

I have many questions and concerns about cap and trade not just for CA but for the Country and for the world. The first and maybe least important is: Where was the California Environmental Protection Agency | AIR RESOURCES BOARD ARB Emissions Trading Program and the call for comments published for CA residents to read and reply? (I found out totally by coincidence through a friend.) The second is: what does this vote mean? The third is: how can my voice be heard?

This email to you is a partial answer to my third question...I want the Air Resources Control Board to know that there is at least one person outside SAC's closed doors who is concerned about the concept of cap and trade. Common sense tells me this is just another Ponzi scheme that will make a few people very rich and the rest of us poorer than we are now, while the planet continues to be polluted.

So for the record of comments, I am against the California Environmental Protection Agency | AIR RESOURCES BOARD ARB Emissions Trading Program, and think most Californians, if they really understood what is being promoted, would be against it too.

Thank you for the opportunity to comment. The favor of your reply is requested.

Gael Perrin
Novato, CA

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 22:16:24

No Duplicates.

Comment 534 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Sandy

Last Name: Commons

Email Address: sandygatta@yahoo.com

Affiliation:

Subject: Fighting Global Warming in CA

Comment:

California has a good law regarding pollution and global warming.
We should do all we can to strengthen it and not punch holes in it.
Polluters need to clean up their act - literally.
Do not allow them to buy their way out of their responsibilities.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 22:43:07

No Duplicates.

Comment 535 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Eric

Last Name: Eisenhammer

Email Address: Action@SuspendAB32.org

Affiliation: Coalition of Energy Users

Subject: Please reconsider

Comment:

Chairman Nichols and Members of the Board:

Thank you for your concern for our environment. While everybody cares about the environment, please postpone your cap and trade plan and take into account the costs this will impose on our already weak economy, the failure of cap and trade to gain traction elsewhere and the deep opposition of millions of California taxpayers and business owners.

Even your own analysis estimates the cap and trade proposal will result in a loss of GDP, and many other researchers have estimated much greater costs. The cap and trade proposal discusses business owners having the choice of paying cap and trade taxes or alternatively investing in new equipment. The writers of the proposal may think this is a generous proposition by giving the carbon-emitter the choice of what type of additional costs they would like to incur, but the fact is many small businesses are already operating in the red and cannot afford either option. Regular citizens are currently struggling and cannot afford these additional costs.

The cap and trade documents show that CARB continues to imagine that moving forward with this proposal will "show leadership" in the fight against supposed global warming. However, since California began to show leadership with the passage of AB 32 in 2007, every state but New Mexico has declared that it does not want to join us in a cap and trade market and American voters have elected a Congressional majority committed to opposing cap and trade on a national level.

While some have posited that the failure of Prop. 23 is a mandate to go "full speed ahead" with AB 32 implementation, nothing could actually be further from the truth. Over 3 million Californians voted Yes on Prop. 23, even though the effort to suspend AB 32 was outspent by 3-1 and faced with a barrage of deceptive advertisements by opponents.

The 3 million Californians who voted Yes, or nearly 4 in 10 voters, believe now is not the time for costly new global warming taxes. Please remember that you represent the people of California, not just eco-left special interests. This proposal is divisive and endangers the livelihoods of many families while failing to inspire other states to follow. Please reconsider.

Respectfully submitted,

Eric Eisenhammer
Founder
Coalition of Energy Users

Attachment: 'www.arb.ca.gov/lists/capandtrade10/902-capandtrade121410.pdf'

Original File Name: CapandTrade121410.pdf

Date and Time Comment Was Submitted: 2010-12-13 23:23:59

No Duplicates.

Comment 536 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Chris

Last Name: Wakeham

Email Address: zeroco2@gmail.com

Affiliation:

Subject: Support

Comment:

Hi

I 100% support the California cap on CO2 emissions and applaud the work that you are doing to implement AB32.

Thank You

Chris

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 05:34:51

No Duplicates.

Comment 537 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ted

Last Name: Glick

Email Address: indpol@igc.org

Affiliation:

Subject: returning revenue to consumer

Comment:

I urge you to create a structure where 100% of the permits are auctioned and most of the revenue from those permits is returned to California residents. This is key to ensuring that the system retains the broad support it needs to do its work over time, as well as to help individual residents deal with higher prices on items which have carbon in them.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 05:57:39

No Duplicates.

Comment 538 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Peter

Last Name: Jones

Email Address: pweebeus@aol.com

Affiliation:

Subject: Global Warming Legislation

Comment:

It is of more than normal importance for California to lead in the effort to reduce emissions that may be contributing to global warming. There is so much industrial resistance to implementing changes to reduce emissions in the rest of the country, that California must once again lead the way. Inaction, or maintenance of the status quo, is convenient in the short term. In the long term inaction has the potential to become much more costly than the investments needed to install controls.

Please support expansion of cap and trade efforts to address emissions of global warming pollutants.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 06:49:23

No Duplicates.

Comment 539 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Cathy
Last Name: Kunkel
Email Address: cathykunkel@gmail.com
Affiliation:

Subject: proposed Cap & Trade rules
Comment:

Thank you for this opportunity to comment on the proposed cap & trade regulation. I urge you ensure that auction revenues allocated to electric distribution companies directly benefit ratepayers by directing utilities to return allowance value directly to ratepayers as a rebate check. A per capita dividend to households would be a progressive policy that would benefit low-income households who spend a larger fraction of their income on fuels. I also urge you to reduce the free allocations in the industrial sector.

Sincerely,
Cathy Kunkel

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 07:03:36

No Duplicates.

Comment 540 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Gladwyn

Last Name: D'souza

Email Address: godsouza@mac.com

Affiliation:

Subject: Cap and trade

Comment:

Return a large segment of the revenue as a dividend. The forcing should come from technology competing in the market. That we don't end up with CARB killing the electric car or delaying diesel pollution rules because its normal that regulators are in bed with polluters.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 07:11:39

No Duplicates.

Comment 541 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Virginia

Last Name: Matzek

Email Address: vmail@aol.com

Affiliation:

Subject: Support for cap & trade

Comment:

Although I would have preferred a carbon tax, cap & trade is a necessary step in implementing AB32 and in controlling greenhouse gas emissions. California must lead the way here. I support the proposed cap and the market-based mechanisms.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 07:17:31

No Duplicates.

Comment 542 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jan

Last Name: De Deka

Email Address: Jandedeka1@aol.com

Affiliation:

Subject: Cap and Trade 10

Comment:

We need all the help we can get on climate control since the gov't. isn't doing its job to do this. I wish my state (NJ) was as progressive as CA in this area. We need all the help we can get. I hope this passes in CA and will provide incentives to other states to do the same. We absolutely need a cap on greenhouse gas emissions driven by market considerations, not just "voluntary" compliance which doesn't get us too far.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 07:33:53

No Duplicates.

Comment 543 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kelly

Last Name: Ireland

Email Address: keirelan2001@yahoo.com

Affiliation:

Subject: Cap and Trade Regulation

Comment:

I'm a Los Angeles citizen and I am very much in favor of regulating greenhouse grasses. I look forward to California being a leader in legislation.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 08:13:43

No Duplicates.

Comment 544 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Bryony
Last Name: Worthington
Email Address: bryony@sandbag.org.uk
Affiliation: Sandbag Climate Campaign

Subject: Comments on cap and trade proposals
Comment:

Dear Sir/Madam

Please find attached our comments on the detailed proposals for introducing a cap and trade program in California.

Yours sincerely
Bryony Worthington

Attachment: 'www.arb.ca.gov/lists/capandtrade10/916-comments_on_carb_c_and_t_program_draft_final.pdf'

Original File Name: comments on CARB c and t program_draft_final.pdf

Date and Time Comment Was Submitted: 2010-12-14 08:25:32

No Duplicates.

Comment 545 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kaiba

Last Name: White

Email Address: kaibawhite@gmail.com

Affiliation:

Subject: Please fully implement AB32

Comment:

Please fully implement AB32. This landmark piece of legislation will go a long way to addressing a critical problem in our society (global climate change). Don't let greedy special interests bring it down.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 08:33:46

No Duplicates.

Comment 546 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Paul

Last Name: Suckow

Email Address: paul.suckow@gmail.com

Affiliation: Harris County CSD Senior Planner

Subject: Enact real climate protection, take the lead!

Comment:

Public Comment to California EPA Air Resources Board 12/14/2010:

"Cap and trade" has been demonstrated to work in the Montreal Protocol to reduce upper atmosphere ozone destruction, thus becoming our only model for an effective international agreement that can reliably reduce a dangerous global pollutant. However, I want you to think outside the box because the future imposed by unbridled global heating is too terrible to properly imagine and our ability to control it is rapidly dissipating.

Please consider implementing an assured carbon tax, perhaps along with the nation of China or the entire Pacific Rim, on all carbon emissions to the atmosphere. The United States of America and Canada will have no choice but to go along, which is what they want and need. To be sure there are no loopholes in responsibility, call it a carbon fee or assessment across the board. James Hansen's private communications urging a carbon fee to be fully returned to the public are particularly compelling, at <http://www.columbia.edu/~jeh1/mailings/2010/>. I've attached a zipped file of the most pertinent examples to this comment.

If you experience further principled opposition to cap and trade without giveaways as a mechanism to control future climate change, please consider this surer way to establish a price on carbon emissions: an actual carbon fee imposed at the port of entry or domestic mine/wellhead on all anthropogenic sources of atmospheric greenhouse gases rising to commensurate with very real future social costs.

This fee can start out small but effective, and grow according to an entirely predictable schedule over the next few decades. Thereafter a carbon fee can adaptively regulate carbon emissions and perhaps even incentivize atmospheric carbon reduction over the next two centuries. We should establish some control over the destiny of life as we know it, just as the Fed helps to regulate the gyrations of our expansionist economy.

Popular opinion shifted by 2007 to support real, systemic action against climate change. Business has been asking for stable expectations for the future, with of all companies Royal Dutch Shell requesting government action since their shareholder statement of 2006. Even the Houston Area Survey (<http://has.rice.edu/content.aspx?id=2452>, http://has.rice.edu/uploadedFiles/2009_Findings/HAS_Highlights_2010.pdf) has shown majority support, right here in the Oil capital of the

planet. Any failure to act to conserve a livable climate after 2007 is the policy maker's alone. Clearly, going forward we cannot expect initiative from our U.S. Congress, and certainly not without your solid supporting performance in California.

Act in the best way possible by implementing a steadily rising carbon fee sufficient to ratchet down atmospheric carbon emissions to zero and below... and return all the revenue collected per capita directly to the people, so that their enlightened consumer actions in the free market can guide us to a better future than the one we veer toward today.

Respectfully,

Paul M. Suckow
Senior Planner, Harris County CSD, Texas

Attachment: 'www.arb.ca.gov/lists/capandtrade10/918-comment_to_california_air_board_12-14-2010.doc'

Original File Name: Comment to California Air Board 12-14-2010.doc

Date and Time Comment Was Submitted: 2010-12-14 08:43:14

No Duplicates.

Comment 547 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Austin

Last Name: Chrzanowski

Email Address: ausnchrz@umich.edu

Affiliation:

Subject: Pro Cap and Trade

Comment:

In my studies, I have found that the only way to create a disincentive or to capture the negative externality of poor environmental behavior is to use carbon dioxide taxes as a mechanism. It may not be the final answer but it is the right step and hopefully the first of many steps towards responsible behavior in how we treat our precious natural resources.

Please adopt a California Cap on GHG emissions!

Thanks !

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 08:46:15

No Duplicates.

Comment 548 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: robert

Last Name: houser

Email Address: bob@roberthouser.com

Affiliation:

Subject: cap on emissions

Comment:

I am writing to express my support for the California cap on greenhouse gas emissions regulation. As a certified green business owner in the Bay Area, I strongly believe that voluntary changes in the way people do business will not be enough to help curb emissions. Government regulation will not only help the environment, but will make California a leader in years to come.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 08:57:49

No Duplicates.

Comment 549 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Rita

Last Name: Bonasera

Email Address: ritageneral@earthlink.net

Affiliation:

Subject: AB32

Comment:

With the sad state of affairs in Calif. the last thing this state needs is more regulation. We're already driven record numbers of businesses out of the state. Therefore, I am OPPOSED to the implementation of new regulations that will come with AB32.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 09:05:28

No Duplicates.

Comment 550 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Diana

Last Name: Gilbert

Email Address: gilbertconsult@yahoo.com

Affiliation:

Subject: Eliminate clear cutting from cap and trade proposal

Comment:

Eliminate from the offset program clearcutting of our forests and
eliminate the conversion of naturally managed
forests into tree clearcut plantations.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 09:12:40

No Duplicates.

Comment 551 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Charlene

Last Name: Nielsen

Email Address: cbnielsen@sbcglobal.net

Affiliation:

Subject: No Cap and Trade

Comment:

Stop messing with America's private enterprise system! If you choose to cap and trade your own business, be my guest, but no more treading on my children's attempts to take care of their own families.

And for anyone who doesn't understand what makes soon-to-be Speaker of the House John Boehner cry, you need to get a life for yourself that doesn't interfere with my children's fine personal custodianship of our environment and the promise of liberty for everyone to decently pursue his own course.

Must California always be the last to rise from the ashes of unrestrained ego?

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 09:04:00

No Duplicates.

Comment 552 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kim

Last Name: Parigoris

Email Address: capatriot@clearwire.net

Affiliation:

Subject: Job killing legislation in this state

Comment:

I relocated from the East Coast to California in 1978, and have been a contributing, employed taxpayer since the day I got here. I have worked in management in the Construction Industry since about 1979. This is the third recession I have experienced and yes, we have always pulled through them, and I feel that the rest of the nation will pull through this one too. California? I'm not so certain, because there is something here that was never here after the last recessions- CARB and AB32. We had 150 employees in 2007 and we now have 12. I know this isn't totally due to the overregulation here in Ca, but I DO KNOW that it is going to hinder our recovery. The rest of the country is steering away from the type of legislation that California seems to be elated about enforcing. When I first moved here, I was the envy of everyone I knew, because I lived in the Golden State- California, the land of opportunity..now we are the laughing stock of the country. As soon as our house is marketable withuot taking a huge loss, we are selling and out of here. We can't afford to stay here any longer.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 09:15:49

No Duplicates.

Comment 553 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ted
Last Name: Earle
Email Address: taearle@yahoo.com
Affiliation:

Subject: CARB Hearings on AB32
Comment:

To Whom It May Concern,

The implementation of the regulations associated with AB32 in these challenging economic times will force undue hardships on Californians. I am opposed to these regulations.

Sincerely,
Ted Earle

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 09:51:23

No Duplicates.

Comment 554 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Anastasia
Last Name: Hammond
Email Address: anastasiaham@yahoo.com
Affiliation: None

Subject: Please Consider the Costs to Working Families
Comment:

The current proposals for cap and trade will raise the costs for average working families here in California. This is the most trying time for us financially, to add to that burden will put many over the poverty line. Increases on heating and cooling bills, gas, food, etc. are avoidable. There must be an alternative, such as giving tax breaks to companies that choose to cut their carbon emissions. Please consider the many struggling families before imposing further taxes upon us.

Sincerely,
Anastasia Hammond

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 09:59:04

No Duplicates.

Comment 555 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Gary

Last Name: James

Email Address: james9995@aol.com

Affiliation:

Subject: CAP and Trade

Comment:

Gas prices now are higher than ever, and raising gas prices will only hurt everyone who drives to and from work, buys food for family, and I guess you can forget vacations ...

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 10:06:14

No Duplicates.

Comment 556 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Hank

Last Name: Ryan

Email Address: hryan@smallbusinesscalifornia.org

Affiliation: Small Business California

Subject: AB32 Comments

Comment:

Please see attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/935-sb-cal_comments_on_cap___trade_final.doc'

Original File Name: SB-Cal Comments on Cap & Trade Final.doc

Date and Time Comment Was Submitted: 2010-12-14 10:07:26

No Duplicates.

Comment 557 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Gary

Last Name: Hill

Email Address: garyjil@prodigy.net

Affiliation:

Subject: Cap & Trade

Comment:

Cap & Trade means Cap & Tax. The Federal Government and many States have "backed off" on Cap & Trade. Why would California want to proceed with this devastatating job killer????

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 10:18:45

No Duplicates.

Comment 558 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Thomas
Last Name: Gallagher
Email Address: tom@serenogroup.com
Affiliation:

Subject: Capandtrade 10 Proposal
Comment:

Elinminate this program and build new jobs for the Central Valley farmers and make Calif Ag business the best in the US.

Tom Gallagher

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 10:20:32

No Duplicates.

Comment 559 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Melissa

Last Name: Beaver

Email Address: melissabeaver1@gmail.com

Affiliation:

Subject: Greenhouse Gas Cap

Comment:

Enough with the stifling effects of California government on business--we don't need a cap on greenhouse gas laws now too. Please consider this a big vote AGAINST instituting another law to kill business in my home state over the THEORY of global warming. Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 10:34:00

No Duplicates.

Comment 560 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kelly

Last Name: Browne

Email Address: mbandkb@gmail.com

Affiliation:

Subject: Cap and Trade

Comment:

I wanted to post my objection to the pending regulations. Californians are going to be outraged should these measures be enforced. I don't know anyone who is not suffering financially due to the economic conditions. I have lived in California all of my life and can tell you that we are in the process of liquidating and searching for relocation options.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 10:39:30

No Duplicates.

Comment 561 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Karen
Last Name: Smulevitz
Email Address: ksmulevitz@yahoo.com
Affiliation:

Subject: AB32
Comment:

Dear Board Members,
You have many voices to listen to, so I will be brief and simply say that it is imperative to make sure our actions promote good air quality. Giving credits to major polluters is adverse to your mission. Please continue to keep California in the lead for enforcing clean air measures.
Thank you.
Karen Smulevitz

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 10:38:16

No Duplicates.

Comment 562 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

This comment was posted then deleted because it was unrelated to the Board item or it was a duplicate.

Comment 563 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Todd

Last Name: Gildersleeve

Email Address: tgildersleeve2004@yahoo.com

Affiliation:

Subject: cap and trade

Comment:

You wouldn't think it was possible but government has figured how to tax the very air all living things depend upon to survive. You might say that's crazy and not true. You wouldn't doubt that global warming is happening though. In the most awful of ways you have been tricked into a tax for air. Government has said that carbon dioxide is a poison and a man made cause of green house effect of our planet and in order to save us from our selves they make laws to regulate carbon dioxide emissions. Of course these regulations are just another way of getting to your money with direct or indirect cost for your air.

In my life time I have been bombarded with and regulated into oblivion in the saving of the planet from humans. That is a time period of over 40 years that I have been directly or indirectly made to pay for regulatory agencies that have apparently done little to change the polluting of the planet. I say this because over that time period, according to global warming believer's information, people are still the reason why the planet is in ecological crisis. Forty years is a long time to "fix" the ecological disaster but we have only succeeded in creating empires of 501 3C, special interests and government agencies.

The gas, carbon dioxide, contains essential elements for humans and plants that are beneficial to life. Increases of carbon dioxide are absorbed and turned into energy, oxygen, water and healthy living for people and plants. The empirical data doesn't support the theoretical assertions that CO2 is causing climate change. Our common sense alone tells us that earth, being the third rock from the sun, that the sun effects the temperature the most and that so many other things, like the position of earths orbit, volcanoes, water evaporation and earthquakes, to mention a few, change earths temperature, but we still allow ourselves to be told that mans release of carbon dioxide is the cause of global warming.

Humans, plants and the animal kingdom are all carbon based. To live healthy and productively carbon dioxide is an essential building block that is needed. Using the current levels of CO2 level of 380 parts per million (ppm) in the air, you realize that carbon dioxide is hardly at a level of concern. The threshold limit value (TLV) for human toxicity is 5000 ppm according to OSHA standards which tells us that our health is not in jeopardy yet still the proponents of global warming insist we are in a ecological crisis. None of this makes anecdotal or empirical sense and tells that we should not allow ourselves to be lied to and made to pay for changes in our behavior or regulations to reduce the

levels of CO₂.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 10:47:33

No Duplicates.

Comment 564 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Michael
Last Name: Jordan
Email Address: mjjordan92118@gmail.com
Affiliation:

Subject: RE: AB 32
Comment:

12/14/10

To all:

Kindly keep this type of legislation out of the State of CA!

We don't need any help from the likes of Arnold!!!

The last I looked stupid CO2 is a natural by product of breathing!!!

Regards,

Michael Jordan

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 10:54:29

No Duplicates.

Comment 565 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Peter

Last Name: Montgomery

Email Address: pete@pmontgomeryconsulting.com

Affiliation: Hydrogen Energy CA (HECA)

Subject: HECA Comments on Cap and Trade regulation re. Carbon Capture and Storage (CCS)
Comment:

HECA Comments on Cap and Trade regulation re. Carbon Capture and Storage (CCS)

Attachment: 'www.arb.ca.gov/lists/capandtrade10/946-heca_ct_comments_final.pdf'

Original File Name: HECA CT comments Final.pdf

Date and Time Comment Was Submitted: 2010-12-14 10:55:29

No Duplicates.

Comment 566 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Martha

Last Name: Kowalick

Email Address: martha@almaconsultinggroup.com

Affiliation:

Subject: AB32

Comment:

PLEASE recommend the right and most effective course in our new climate law - cap and dividends and NO to industry giveaways. Let's put money back into the hands of the people of California!! Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 10:57:04

No Duplicates.

Comment 567 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jon

Last Name: Herr

Email Address: fibreglassguru@gmail.com

Affiliation:

Subject: Cap and Trade

Comment:

In this time of high unemployment and poor job creation, you want to implement this costly program? You will drive the prices of everything up in a down-turned economy. Are you nuts? As a business owner, I can undoubtedly say that I will raise prices to accommodate the increased costs. The rules and regulations in this state are driving businesses and private job creators away. When will the state learn?

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 10:32:56

No Duplicates.

Comment 568 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: helena

Last Name: chung

Email Address: island.gr@hotmail.com

Affiliation:

Subject: cap and trade10

Comment:

The carbon emissions from clearcutting—which includes all the impacts from soil disturbance—are not offset for 80 to 100 years or more. We do not have time to wait that long, in the battle to save the planet from global warming. Under this plan, polluters will be able to trade their emissions for credits from forestry "offsets" that are not offsets at all, and will only serve to hasten the demise of the planet and California 's rich biological heritage. And, California 's forests are more than chunks of carbon; California 's Sierra Nevada and Klamath-Siskiyou forests are designated global biodiversity hotspots. Clearcutting - as practiced by the majority of timber companies in the state and sanctioned by our state regulators—permanently eliminates habitat for entire suites of plants and wipes out the entire home ranges for dozens of animals. Even though trees are replanted, the resulting tree farm bears nothing in common with a natural forest (except for the presence of one or two species of conifers).

The net impact of permitting this to continue, and rewarding it under these proposed regulations, will be the certain entrainment of extinction for untold numbers of plants and animals—loss of habitat will only be exacerbated by the adoption of a program that will not be effective at reducing greenhouse gas emissions. Thus this policy is a lose-lose for the environment.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 11:15:49

No Duplicates.

Comment 569 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: steve

Last Name: bush

Email Address: sbush@scds.org

Affiliation:

Subject: Global Warming Solutions Act

Comment:

Dear California Air Resource Board Members,

I am an elementary school teacher and I want to plead with you to take strong action to fight global warming. Please think of our children and their future. Please do not indulge industrial polluters with give aways. Make the regulations child friendly not business friendly. I know the recession has forced some changes in the original idea but please stand strong and do not give away millions in carbon allowances to oil companies and other big polluters. What kind of a world are our children going to get when they grow up? And what about our grand children? Do you really want to explain to your grand children that damaging their lives and livelihoods was the expedient thing to do? Industry can afford to step up their moral standards for our children's sake. Thank you for your time,
Steve Bush

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 11:08:13

No Duplicates.

Comment 570 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Serena
Last Name: Cattiva
Email Address: serenacattiva@yahoo.com
Affiliation:

Subject: Please don't pass clear cutting...
Comment:

Hello,

Please do not allow environmental polluters the option of "carbon credits" by clear cutting forests; this completely goes against attempts to green and make clean our environment.

Please, please, please do not allow this!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 11:18:48

No Duplicates.

Comment 571 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Dan

Last Name: Conners

Email Address: sierranson@aol.com

Affiliation:

Subject: capand trade hearing

Comment:

It's just laughable the logging industry could push through a cap and trade scheme whereby they clear cut, plant a few trees, and get cap and trade revenues from it. Give us a break. It is embarrassing that California would abide that!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 11:20:44

No Duplicates.

Comment 572 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Marilyn

Last Name: Mociun

Email Address: marilyn@mociun.com

Affiliation:

Subject: No CLEARCUTTING in exchange for carbon credits!

Comment:

Please, please, please! Protect our forests, its inhabitants and our planet. Do not pass this very questionable plan to permit market trading of carbon emissions/pollution for forest carbon offsets. This plan permits timber companies to clearcut California's forests, while allowing the companies to sell "credits" in the process. How long will it take for the forest to grow back to recoup? 80 to 100 years! There is nothing logical about this plan.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 11:22:30

No Duplicates.

Comment 573 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jim

Last Name: Hard

Email Address: jhard@seiu1000.org

Affiliation:

Subject: Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance
Comment:

I ask the Board not to adopt rules that allow timber companies to clearcut our forests and yet sell credits in the process when it takes 80-100 years to recouperate such carbon emissions. Adoption of such rules would be a extreme disservice to Californian's, even those as young as my grandchildren who would quite possibly not live long enough to see such an exchange balance out. This appears to be a very irresponsible proposal. Again, please reconsider. Thank you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 11:19:02

No Duplicates.

Comment 574 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Charles

Last Name: Marks

Email Address: chasmarks@gmail.com

Affiliation:

Subject: CARB Rules

Comment:

Please do not allow large polluters to pay a small fee and continue to pollute California. If they must be given a break make the fees high enough to solve California's Budget Crisis.
Charlie Marks

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 11:40:46

No Duplicates.

Comment 575 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Gary

Last Name: Gero

Email Address: gary@climateactionreserve.org

Affiliation: Climate Action Reserve

Subject: Support for Proposed Regulations

Comment:

Please find attached the Climate Action Reserve's letter of support and comments on the proposed regulation.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/956-climate_action_reserve_comments_to_arb_on_cap_and_trade_regulation.pdf'

Original File Name: Climate Action Reserve Comments to ARB on Cap and Trade Regulation.pdf

Date and Time Comment Was Submitted: 2010-12-14 11:45:43

No Duplicates.

Comment 576 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kyle

Last Name: Boudreaux

Email Address: kyle.boudreaux@fpl.com

Affiliation: NextEra Energy Resources

Subject: Comments of NextEra Energy Resources to ARB Proposed Regulation Order GHG Cap and Trade Pr

Comment:

Attached are the comments of NextEra Energy Resources to ARB in response to the Proposed Regulation Order for the GHG cap and trade program.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/957-nextera_energy_resources_comments_to__arb_proposed_regulation_order_ghg_2010.pdf'

Original File Name: NextEra Energy Resources comments to ARB proposed regulation order GHG 2010.pdf

Date and Time Comment Was Submitted: 2010-12-14 11:58:22

No Duplicates.

Comment 577 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Joan

Last Name: Linney

Email Address: joan_linney@ymail.com

Affiliation:

Subject: ask a fair price for carbon emissions

Comment:

I am a strong supporter of the "CLEAR Act" that was proposed this year at the National level. Taxing fossil fuels at the source mimics the effect of reduced supplies which will drive up prices in the foreseeable future. It would use the market to change the choices we make regarding energy use, while providing a revenue stream to accelerate implementation of non-carbon energy sources. Best of all, it provides a revenue stream to consumers, allowing them to "vote with their dollars". This will soften the blow of increasing energy prices on our economy, while allowing us to adapt to that reality. I urge you to follow your expert economic panel's recommendation that "The largest share (roughly 75%) of allowance value should be returned to California households..." in the form of a dividend check; very similar to the recommendations of the CLEAR Act.

I am concerned about what appears to be a "give-away" in the industrial sector. The EU made the mistake of giving away too much in free allocations, and as a result, have yet to see significant changes from that sector. Please do not make the same mistake. Climate Chaos is real, and it is up to California to lead the world in making some real changes in line with the gravity of this threat.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 11:53:16

No Duplicates.

Comment 578 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: David

Last Name: Romain

Email Address: servearth@comcast.net

Affiliation:

Subject: Cap on Greenhouse Emissions

Comment:

Please support the Cap on Greenhouse Emissions. Our children and grandchildren deserve a cleaner environment. It was aot cleaner when I was a child!
Thank you for your support.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 11:57:48

No Duplicates.

Comment 579 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Konrad

Last Name: Huber

Email Address: konrad@sunonesolutions.com

Affiliation: SunOne Solutions - Brazil

Subject: Comments from Brazilian-based REDD Project Developers on AB-32

Comment:

Attached please see comments from a number of Brazilian-based REDD project developers regarding international offset credits under AB-32.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/961-ab-32_commentary_letter_-_brazilian_project_developers_-_13_dec_2010.pdf'

Original File Name: AB-32 Commentary Letter - Brazilian Project Developers - 13 Dec 2010.pdf

Date and Time Comment Was Submitted: 2010-12-14 12:12:29

No Duplicates.

Comment 580 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Evan
Last Name: Ard
Email Address: eard@evomarkets.com
Affiliation: Evolution Markets Inc.

Subject: Evolution Markets' Comments on AB 32 proposed rules
Comment:

Dear Sir/Madam:

Evolution Markets appreciates the opportunity to submit written comments relating to ARB's proposed regulations for the implementation of the AB 32 cap and trade program.

Please find attached our comments.

Best regards,

Evan A. Ard
Evolution Markets Inc.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/963-ab_32_proposed_rules_--_evomkts_comments_final.pdf'

Original File Name: AB 32 Proposed Rules -- EvoMkts Comments FINAL.pdf

Date and Time Comment Was Submitted: 2010-12-14 12:28:04

No Duplicates.

Comment 581 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jan

Last Name: Summers

Email Address: 2jansing2@sbcglobal.net

Affiliation: Tree Foundation

Subject: Clear-Cutting CA forests in exchange for carbon credits

Comment:

ARB:

Clear-cutting of forests should not be traded for carbon credits. The forests that have taken up to 300 years to create habitat for our wildlife and clean the air for our cities is vital to remain intact.

This is not a trade item. Leave the forests intact for today and future generations. Back away from the lumber lobbyists.

Sincerely,

Jan Summers

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 12:39:10

No Duplicates.

Comment 582 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Anne

Last Name: Wallace

Email Address: anne@ecobridges.net

Affiliation:

Subject: Carbon offsets for timber companies

Comment:

I'm not sure how it makes sense for timber companies to sell carbon credits while at the same time removing carbon-neutralizing/sequestering features from the landscape. Replanting a seedling to replace a mature tree does not defray the carbon sequestration lost, now does it? Not for another three or four human generations will those seedlings that survive (those that survive) be equivalent to those lost. One need not be a scientist to think this through rationally.

While this cap and trade process is enormously (and necessarily, to some degree) political, decisions should be based on science and rational considerations, should they not?!

Thanks in advance for reconsidering such a proposal, such a giveaway, for California timber companites.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 12:42:00

No Duplicates.

Comment 583 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Tania
Last Name: Carlone
Email Address: tania@sierraemail.com
Affiliation:

Subject: No subsidies for clearcutting operations
Comment:

I am writing to voice my opposition to the clearcutting provision within the current Protocols under public review.

Inclusion of clearcutting as an ARB endorsed sequestration technique completely undermines the value and credibility of the Protocol program and of California's Global Warming Solutions act of 2006. Clearcutting is a flawed and destructive forest management technique, with no potential for timely carbon sequestration. And, as such, it will be a meaningless offset option that will misuse funds that could go to true reductions of emissions through energy efficiency programs and renewable energy development.

This measure would ostensibly subsidize clear cuts!

Tania Carlone
Executive Director
Yuba Watershed Institute

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 12:24:58

No Duplicates.

Comment 584 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Brandon

Last Name: Sanders

Email Address: Off2tahoe@gmail.com

Affiliation:

Subject: Clearcutting

Comment:

If forest protocols are adopted as currently written, the Board will be endorsing deforestation. Plain and simple.

I will make it my life's work to overturn these protocols through the judicial process, and I am not alone.

SPI and their land management practices are a clear path to a decline in watershed health and many other resource values. Endorsing their destructive practices will not be tolerated, especially coming from a representative public body.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 13:07:40

No Duplicates.

Comment 585 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Daniel

Last Name: Riley

Email Address: daniel.t.riley@tsocorp.com

Affiliation:

Subject: Cap-and-Trade Program 10

Comment:

Tesoro's comments to the Cap-and-Trade Program.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/972-12.14.10_carb_proposed_regulation_to_implement_the_ca_cap-and-trade_program.pdf'

Original File Name: 12.14.10 CARB Proposed Regulation to Implement the CA Cap-and-Trade Program.pdf

Date and Time Comment Was Submitted: 2010-12-14 13:14:32

No Duplicates.

Comment 586 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Dale

Last Name: Backlund

Email Address: djbacklund@dow.com

Affiliation: Dow Chemical Company

Subject: Cap and Trade Comments For The Dow Chemical Company

Comment:

I appreciate the ARB staff's support and time for reviewing our comments for this proposed regulation and the impact it potentially has on The Dow Chemical Company.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/975-ltr__to_arb_december_13.doc'

Original File Name: LTR_ to ARB_December 13.doc

Date and Time Comment Was Submitted: 2010-12-14 13:31:10

No Duplicates.

Comment 587 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Mark

Last Name: Shaffer

Email Address: mark_shaffer@fws.gov

Affiliation: U.S. Fish and Wildlife Service

Subject: Do not exclude federal lands from offset programs

Comment:

December 14, 2010

California Air Resources Board
Byron Sher Auditorium
1001 I Street
Sacramento, California 95814

Dear Air Resources Board:

On behalf of the U.S. Fish and Wildlife Service, I would like to urge the Air Resources Board not to exclude federal lands from carbon offset programs, as currently stated on page 9, 10, and 16 of the Compliance Offset Protocol for U.S. Forest Projects (Part V of the Proposed Regulation to Implement the California Cap and Trade Program).

The U.S. Fish and Wildlife Service, in conjunction with private, not-for-profit groups like The Conservation Fund, has reforested and permanently added over 40,000 acres to the National Wildlife Refuge System in recent years, funded almost entirely by carbon offset funding from private sources. These are lands that were historically forested but had been cleared during the last century. Restoring forest cover to these lands will actually increase the rate of carbon uptake and provide a very real (commensurate with scale) benefit in our collective efforts to limit carbon dioxide build-up in the atmosphere. For example, collectively these efforts have led to the sequestration of over 30 million tons of carbon, and three of our "Go Zero" projects with TCF have been validated under the standards of the Climate, Community & Biodiversity Alliance at the gold level (the highest).

We anticipate seeing many more such projects in the future, if legitimate forest carbon offset protocols do not disadvantage federal lands. However, we are concerned that Part V of the Proposed Regulation to Implement the California Cap-and-Trade Program as written does not make federal land eligible for forest offset projects. Though the Climate Action Registry's Forest Protocol made projects on federal lands eligible subject to legislative or regulatory approval, the current proposed regulation has excluded federal projects entirely, including Restoration Projects.

While we appreciate the added complexity of including federal lands in the Forest Protocol, we believe that removing the provision on federal land eligibility sends the wrong message and would

discourage investment in these types of programs, not only in California but all across the country as well. Failing to grant eligibility for suitable federal lands would effectively prohibit projects on National Wildlife Refuges to qualify under this offset program, making it more difficult to attract new capital for forest-carbon projects and slowing our existing work in this area. Furthermore, this protocol is likely to serve as a benchmark for future national offset protocols, and we are concerned that they may set a standard for excluding federal lands in offset programs in the future.

We are pleased that the proposed regulations recognize the large potential for emission reductions and removals on federal lands, and we appreciate your careful consideration of the legal and regulatory implications of these standards. But we believe our agency's successful record of carrying out carbon offset projects combined with the huge potential to continue to build on these beneficial programs across the more than 150 million acre National Wildlife Refuge system are strong arguments for including these lands in this emerging offset program. We further encourage the Board to consider the unique management practices and mandates of the U.S. Fish and Wildlife Service, as it may not be necessary to enact the same protocols across all federal lands. Because of the mission and management of the National Wildlife Refuge System, carbon offset lands are likely to be managed for perpetual forest cover far into the future.

In conclusion, as you consider improvements to the proposed regulations to implement the California Cap-and-Trade program, we hope you will make the appropriate changes in the Forest Protocol to allow our ongoing carbon offset programs on National Wildlife Refuges to qualify under the ARB's Forest Offset Protocol. It would be unfortunate to suspend these valuable public conservation benefits and successful partnerships prematurely. To further discuss this please contact Mark Shaffer (mark_shaffer@fws.gov) at 703-358-2603.

Sincerely,

Gabriela Chevarria
Science Advisor
U.S. Fish and Wildlife Service

Attachment: 'www.arb.ca.gov/lists/capandtrade10/976-2010.12.14_ltr_to_ca_air_resources_board.pdf'

Original File Name: 2010.12.14 Ltr to CA Air Resources Board.pdf

Date and Time Comment Was Submitted: 2010-12-14 13:02:52

No Duplicates.

Comment 588 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Beryl
Last Name: Magilavy
Email Address: bmagilavy@third-era.net
Affiliation: 415-864-2089

Subject: Comments on proposed cap-and-trade program
Comment:

With respect to the cap and trade program now under discussion: If we are going to have a program like this, it would be improved by

elimination of participation by speculators in the emissions trading market and
elimination of offsets.

Who supports it? I recognize that the California Global Warming Solutions Act (AB 32) is the one that the Texas oil companies just spent millions trying to overturn in the last election. One hesitates to suggest that there might be anything fundamentally wrong with a program they and climate-change deniers oppose.

However, the presence on the political landscape of interested parties who aim to undermine emissions limitations themselves, or even to deny the reality of human-caused climate change, should not keep us from as diligently assessing the effects and risks of a proposed program as we would without self-interested or irrational actors as part of the conversation. Within the limited time remaining to radically reduce carbon emissions before we are overwhelmed by climate change, we must ask whether the proposed trading scheme is likely to deliver the significant emissions reductions needed, and to deliver them in a just and equitable way consistent with our international commitments.

How does it work? Emissions trading schemes operate under the general idea that in the context of many actors having to reduce emissions, it makes sense to try to spend the least money possible for every unit of greenhouse gas emission reduced. This suggests that for a set amount of money, in the end there would be more emission reduction than if cost were not considered. Emitters which face high costs for modifying their systems can shift their responsibility to run cleaner operations to emitters with a lower cost, by paying money via a carbon share system, and the planet benefits by having more programs overall, taking more carbon out of the air. That's the theory.

Carbon trading schemes have been in existence for twenty years now, and have acquired a strong lobby for existing program features. However, this does not mean that all of these features are a good idea.

Last year Friends of the Earth, UK, published a stinging critique

of cap and trade programs, called A Dangerous Obsession.^{1} It should be required reading for anyone considering such programs, and is the source of most of the ideas in this article. According to the report, most traders in the existing carbon markets are not the utilities, manufacturers and green energy companies one would expect, but commodities traders and other speculators, some of whom bundle the carbon shares into derivatives, the same type of opaque financial instrument that brought us the recent global economic meltdown.^{2} The presence of these speculators in the market for emissions reduction units adds risk and creates pernicious effects:

The speculative secondary market removes any reality from the price: The ability of speculators to purchase emission reduction units^{3} precludes their value from being calculated by any objective means. Even though the entire program is based on a political construct, rather than a real-world commodity such as grain that has a physical supply and demand, the value of emission reduction units has become a pure function of speculative activity, not susceptible to adjustment to suit public policy goals.

Speculation makes the price unpredictable: Opening the carbon trading market to speculators means that it is not a reliable and predictable source of income on which long-term development decisions can be based.

Speculation is a risk-laden distraction from the purpose of the program: One would be entitled to ask why government funds are being spent to create and police a speculative market, the operation of which enriches financial gamblers—the same risk-for-profit actors who have just brought the global banking system near to collapse—and does nothing to decrease greenhouse gas emissions. In fact, the presence of this speculative market threatens clean development by creating artificial price fluctuations that have nothing to do with anything other than the vagaries of short-selling, complex and opaque financial instruments, and the irrational fluctuations that characterize stock markets.

Offsets: Another feature described in the Friends of the Earth report that is dangerous to the success of emission reductions and to equity between developed and developing nations is offsets. Offsets allow those with high emissions to buy their way out of having to make cuts with credits for reductions outside the system, in another sector (say in agriculture or forests, rather than manufacturing), or another region or country. The California proposal allows offsets of up to 8% of a facility's compliance obligation, although earlier proposals had set the amount at 4%.^{4}

There are some fundamental problems with this.

Offsets allow developed countries to ignore legally binding emission reduction commitments: With offsets, developed countries can continue to produce more than their fair share of emissions, at a time in which reductions are required by all nations, but particularly by those historically responsible for the problem. This is not merely stating the fact as a matter of equity, but it is required by the Framework Convention on Climate Change, the international agreement signed by most nations in the early 1990s, committing developed countries to reduce their emissions, and to provide "new and additional" money to

less-developed nations to help them with clean development and climate-change mitigation. This assistance to the developed world was very clearly meant to be in addition to, not instead of, immediate emissions reductions on the part of the developed world.

Offsets create a disincentive for technological innovation for the buyers of credits: While companies selling credits—that is, those which emit at a level below that of their carbon allocation—have an incentive to innovate, companies in highly polluting industries have no incentive as long as credits are available to them at rates lower than the anticipated cost of reduced emissions. Why should they innovate or even start on the research and development that would be required? More broadly, the existence of offsets postpones the major structural changes necessary for developed countries to switch to a low-carbon infrastructure, and allows their worst polluters to continue to emit greenhouse gases when they should be actively winding them down.

Offsets create disincentives for quicker paths to emission reductions: Offsets approved by the UN's Clean Development Mechanism executive board must be, among other things, additional to greenhouse gas reduction activity that would have occurred anyway. This rule, set for obvious reasons with respect to the purpose of the program, unfortunately creates a perverse disincentive to new programs of regulation and/or taxation in regions of sellers of certificates, usually the developing world. If more stringent regulations were set, they would limit eligibility for some projects that might have been granted approval otherwise, undercutting the inward flow of capital.{5}

Markets do not plan and are unconcerned with equity or transparency: Relying on market forces to create clean development in the developing world removes that activity from any transparent public planning process that considers sustainability, equity, or regional economic need.

Less-developed countries are forgotten: Development projects have been disproportionately located where industrial infrastructure is already well-established—that is China, India, Mexico and Brazil (now collectively about 80% of all projects){6}—leaving less-developed nations with little inflow of money for mitigation and clean development.

Offsets, along with speculation, should be eliminated from the program.

The Friends of the Earth report makes a compelling case to eliminate cap and trade programs altogether. In the context of a program such as that of California whose creation is already underway, it behooves us to ensure that at least its most pernicious unintended consequences are minimized.

{1} Clifton, Sarah-Jayne, *A Dangerous Obsession: The Evidence Against Carbon Trading and for Real Solutions to Avoid a Climate Crunch*. Friends of the Earth, UK. London: November, 2009. http://www.foe.co.uk/resource/reports/dangerous_obsession.pdf (retrieved 22 November, 2010)

{2} op. cit. p 14.

{3} There are variously defined units of greenhouse gas reduction, such as the CERs (certified emission reduction [units]) authorized by the UN's Clean Development Mechanism executive board.

{4} Fulton Publishing Ltd. California's cap-and-trade plan relaxes offset limit, offers free allowances; Carbon Finance, News and Analysis of Market Solutions to Climate Change. London: 29 October, 2010.
<http://www.carbon-financeonline.com/index.cfm?section=lead&action=view&id=13293>
(retrieved 22 November 2010).

{5} Clifton, op. cit. p 24.

{6} UNEP (United Nations Environment Programme) Risø Centre. CDM projects by host region; Energy, Climate and Development.CD4CDM: Capacity Development for the Clean Development Mechanism. 1 Roskilde, Denmark: November 2010.
<http://cdmpipeline.org/cdm-projects-region.htm#1> (retrieved 22 November 2010).

Thank you for your consideration of these ideas.

Yours truly,
Beryl Magilavy (Ms)
Founder and past director of San Francisco's Department of the Environment

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 13:29:56

No Duplicates.

Comment 589 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Brannen
Last Name: McElmurray
Email Address: brannen@nrgenergy.com
Affiliation: NRG Energy, Inc.

Subject: Error in Footnote 35
Comment:

Your proposed expansion of the protocols to Canada and Mexico is apparently limited in the context of an ODS offset protocol by the following footnote 35:

"Staff does not intend to evaluate an ODS protocol for offset projects in Mexico because the substances covered under the protocol have not yet been completely phased out in developing countries."

NRG believes that this limitation is in error because ODS substances covered by current ODS offset protocols were phased out by Mexico in 2005, under the Montreal Protocol and corresponding agreements. In addition, Mexico's importation of CFCs ceased on January 1, 2010, inclusive of metered dose inhalers, because Mexico did not request an essential use exemption for any purpose.

We have attached a letter more fully describing the error and request that the footnote be removed from the proposed regulations.

Best,
Brannen

Attachment: 'www.arb.ca.gov/lists/capandtrade10/978-brennen_mcelmurray.pdf'

Original File Name: brennen mcelmurray.pdf

Date and Time Comment Was Submitted: 2010-12-14 13:39:38

No Duplicates.

Comment 590 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Masada
Last Name: Disenhouse
Email Address: mdisenhouse@cox.net
Affiliation:

Subject: Please make greenhouse gas emission laws strong
Comment:

Dear CARB members,

Thank you for your efforts to reduce greenhouse gas emissions in California.

As a recent volunteer on the No on Prop 23 effort in the San Diego area, I wanted to encourage you to keep California's global warming laws as strong as possible, to ensure California meets and exceeds its reduction goals. Californians have demanded it!

I firmly believe that a failure to address greenhouse gas emissions will have significant and devastating impacts on our environment, food supply, and economy.

Please make sure our greenhouse gas emissions are reduced by providing as-low-as-possible caps for all greenhouse gas emitters, which are reduced annually to reach scientific targets. Please ensure that there is a minimum cost for all carbon emissions and that in the cap and trade schemes, no polluting is free - all permits must have costs associated with them.

Our grandchildren will thank you.

Sincerely,
Masada Disenhouse
La Mesa, CA

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 13:36:44

No Duplicates.

Comment 591 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Rhea

Last Name: Hale

Email Address: rhea_hale@afandpa.org

Affiliation: American Forest & Paper Association

Subject: AF&PA Comments on Proposed Cap and Trade rule

Comment:

Please find attached American Forest & Paper Association Comments on California Cap on GHG Emissions and Market Based Compliance Mechanisms.

Thank you for your consideration.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/980-afpa_comments_on_proposed_california_cap_and_trade_12-14-10.pdf'

Original File Name: AFPA comments on Proposed California Cap and Trade 12-14-10.pdf

Date and Time Comment Was Submitted: 2010-12-14 14:04:30

No Duplicates.

Comment 592 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Michael

Last Name: Huber

Email Address: michael.huber@navy.mil

Affiliation: U.S. Department of Defense

Subject: DoD Commentd to Proposed Greenhouse Gas Cap & Trade Rule 14Dec10

Comment:

Attached are the U.S. Department of Defense Comments to the
Proposed Greenhouse Gase Cap & Trade Rule

Attachment: 'www.arb.ca.gov/lists/capandtrade10/982-039_dod_cap___trade_ltr_14dec10.pdf'

Original File Name: 039 DoD Cap & Trade ltr 14Dec10.PDF

Date and Time Comment Was Submitted: 2010-12-14 14:08:50

No Duplicates.

Comment 593 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Marcie

Last Name: Milner

Email Address: marcie.milner@shell.com

Affiliation: Shell Energy North America (US), L.P.

Subject: Comments to the Proposed Cap & Trade Regulation

Comment:

Please find attached the above referenced. If you have difficulty opening the document, please don't hesitate to contact me at (858) 526-2106.

Regards,
Marcie Milner
Vice President, Regulatory Affairs
Shell Energy North America (US), L.P.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/983-shell_energy_comments_to_carb_cap_and_trade__12-14-10_.pdf'

Original File Name: Shell Energy Comments to CARB Cap and Trade (12-14-10).pdf

Date and Time Comment Was Submitted: 2010-12-14 13:56:20

No Duplicates.

Comment 594 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Richard
Last Name: Busse
Email Address: drrichbusse@sbcglobal.net
Affiliation:

Subject: CARB thinking and decisions
Comment:

We need to have a price put on carbon and a cap-and-trade system put in place.

The hoped for results of our state's clean air initiatives and goals will come much much sooner if CARB does this.

There may be a dip in businesses wanting to come to California when the cap and trade is first implemented, however within a short time all the other benefits of setting up business in California will outweigh any draw backs originally focused on.

CARB board, have courage in your convictions for a cleaner California... clean air wise and business wise. Cap and Trade is a choice where everyone is going to come out a very big winner.

Thank you,

Dr. Richard Busse
721 Spring St.
Santa Rosa, CA 95404

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 14:15:50

No Duplicates.

Comment 595 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Don

Last Name: Rivenes

Email Address: rivenes@sbcglobal.net

Affiliation:

Subject: Cap and Trade protocol

Comment:

The ARB plan permits timber companies to clearcut California's forests, while allowing the companies to sell "credits" in the process. Since trees take at least 80 to 100 years to recoup their carbon emissions after clearcutting, there is no credible justification for permitting this type of trading. The carbon emissions from clearcutting—which includes all the impacts from soil disturbance—are not offset for 80 to 100 years or more. We do not have time to wait that long, in the battle to save the planet from global warming. Under this plan, polluters will be able to trade their emissions for credits from forestry "offsets" that are not offsets at all, and will only serve to hasten the demise of the planet and California's rich biological heritage. California's Sierra Nevada and Klamath-Siskiyou forests are designated global biodiversity hotspots. Clearcutting - as practiced by the majority of timber companies in the state and sanctioned by our state regulators—permanently eliminates habitat for entire suites of plants and wipes out the entire home ranges for dozens of animals. Even though trees are replanted, the resulting tree farm bears nothing in common with a natural forest (except for the presence of one or two species of conifers). This doesn't even consider the amount of poisonous herbicides reaching our streams from this practice. Please strip (clearcut) this provision from the protocol and disallow clearcutting.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 14:24:55

No Duplicates.

Comment 596 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: David

Last Name: Ames

Email Address: dwames1@comcast.net

Affiliation:

Subject: enforcement of clean energy bill

Comment:

I written a message, but I ran out off time with the concluding sentence cut off! A handicap prevents me ffrom typing rapidly.I urged Sec. Chu to enforce the bill and to strngthen it wherever possible. Our children and grand children expect us to act as their responsible stewards Many other states will emulate us.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 13:53:21

No Duplicates.

Comment 597 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ed

Last Name: Pike

Email Address: ed@theicct.org

Affiliation: International Council on Clean Transport

Subject: ICCT comments on transportation fuels and cap & trade

Comment:

We appreciate CARBs overall approach of world-class standards complimented by incentives and price signals for the transportation sector. Specific to cap & trade, we recommend replacing the biofuels exemption with accounting that can track the LCFS. We support your proposal to auction the GHG allowances for transportation tailpipe emissions in 2015. In the meanwhile we recommend reducing the amount of free allowances for upstream petroleum reduction, which would allow for the potential use to support transition to cleaner and more efficient forms of transportation. Thank you for your consideration of our comments.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/988-icct_cap___trade_comments_final_clean_copy_12-14-2010_am.pdf'

Original File Name: ICCT cap & trade comments final clean copy 12-14-2010 am.pdf

Date and Time Comment Was Submitted: 2010-12-14 14:37:34

No Duplicates.

Comment 598 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Forest Carbon Coalit
Last Name: Forest Carbon Coalit
Email Address: davidwilliamson@andrewskurth.com
Affiliation:

Subject: Cap-and-Trade Comments - Forest Offset Provisions
Comment:

Please see attached public comments.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/989-carb_forest_coalition_comments__12-13-10_.pdf'

Original File Name: CARB Forest Coalition Comments (12-13-10).pdf

Date and Time Comment Was Submitted: 2010-12-14 14:37:51

No Duplicates.

Comment 599 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Tamara

Last Name: Raspberry

Email Address: trasberry@semprautilities.com

Affiliation: Sempra Energy utilities

Subject: Proposed Regulation Order - Cap on GHG Emissions

Comment:

Attached are comments from the Sempra Energy utilities concerning the Proposed Regulation Order for a California Cap on Greenhouse Gas Emissions and Market-based Compliance Mechanisms.

Attachment: 'www.arb.ca.gov/lists/ghg2010/23-seu.c_t-mkt_mechnsms_commts_12.14.10.pdf'

Original File Name: SEu.C&T-Mkt Mechnsms commts 12.14.10.pdf

Date and Time Comment Was Submitted: 2010-12-14 14:26:23

No Duplicates.

Comment 600 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Julia

Last Name: Gardiner

Email Address: jgardiner@tnc.org

Affiliation: The Nature Conservancy

Subject: Allowance value letter -- additional sigons

Comment:

Please accept the attached letter with additional sign ons in place of the letter originally submitted 12/8.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/992-121410_allowancevalueletter.pdf'

Original File Name: 121410 AllowanceValueLetter.pdf

Date and Time Comment Was Submitted: 2010-12-14 15:20:16

No Duplicates.

Comment 601 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Cynthia

Last Name: Cory

Email Address: ccory@cbbf.com

Affiliation:

Subject: Comments from agricultural associations

Comment:

Please find attached comments from several agricultural associations regarding concerns about the proposed cap-and-trade program.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/993-capandtrade.docx'

Original File Name: capandtrade.docx

Date and Time Comment Was Submitted: 2010-12-14 15:18:33

No Duplicates.

Comment 602 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Walter

Last Name: Carnahan

Email Address: w_carnahan@sbcglobal.net

Affiliation:

Subject: Clear cutting adds carbon to the atmosphere.

Comment:

It is difficult to understand how allowing clear cutting can positively influence the carbon content of the atmosphere. While industry may wish to identify a positive contribution over a century time period experience and common sense says that projections over 100 years are never accurate.

What is clear is that the short term effects of harvesting timber add carbon to the atmosphere and clear cutting adds more carbon.

Time horizon's in the business world are for good reason notoriously short-sighted. There is no reason to suddenly adopt a century perspective. If within the next hundred we have not completely changed the carbon budgets in a revolutionary fashion we will have certainly suffered a revolution in the ecosystem and eliminated the habitat of a large number of plants and animals.

The thrust of this proposal is to promote short-term timber harvests increasing the atmospheric carbon load while securing some unknown benefits in a long-term uncertain future. Clearly a bad bargain.

Please remove this provision and rethink the entire protocol.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 15:00:17

No Duplicates.

Comment 603 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Daniel
Last Name: Smyth
Email Address: dsmyth@mgminnova.com
Affiliation: MGM Innova, LLC

Subject: Comments related to potential Mexico ODS offsets
Comment:

Clerk of the Board, Air Resources Board
1001 I Street
Sacramento, California 95814

December 14, 2010
Re: Proposed Regulation to Implement the California Cap-and-Trade Program

Dear Sir/Madam:

MGM Innova thanks you for the opportunity to submit the following comments on the State of California Air Resources Board's ("ARB") proposal to develop an emissions cap-and-trade program targeting greenhouse gas abatement under the California Global Warming Solutions Act of 2006 (Assembly Bill 32; 2006, Chapter 488) ("AB 32"). In particular, MGM Innova's comments are focused on the "Proposed Regulation to Implement the California Cap-and-Trade Program, PART I, Volume I, Staff Report: Initial Statement of Reasons," dated October 28, 2010 (the "Proposal").

In PART 1, Volume I, III.A.5, four different compliance offset protocols are discussed including destruction of ozone depleting substances ("ODS") within the United States. PART I, Volume I, III.A.7.c further notes that "Staff plans to evaluate how the four protocols being taken to the Board can be expanded to include projects in Mexico and Canada." This statement contains the following footnote on page III-11:

35 Staff does not intend to evaluate an ODS protocol for offset projects in Mexico because the substances covered under the protocol have not yet been phased out in developing countries.

Our research indicates that this statement is not factually correct. Specifically, the Montreal Protocol requires all Article 5 countries, including Mexico, to phase-out production of all Annex A, Group 1 Substances by January 1st, 2010. These substances include Chlorofluorocarbons ("CFCs") covered under the Proposal. Mexico went above and beyond this requirement, and agreed to phase-out all production of CFCs by the end of August, 2005.

On May 5, 2010, MGM Innova received a letter from Augustin Sanchez Guevara, Coordinador de la Unidad de Proteccion of Mexico's Secretaria de Medio Ambiente y Recursos Naturales ("SEMARNAT") which confirmed the following:

- 1) Mexico phased out production of CFCs in August, 2005. Since that date, production of CFCs, and imports of feedstock of Carbon Tetrachloride has been banned in Mexico.
- 2) Since January 1, 2010, Mexico has banned imports of CFCs including for use in Metered Dose Inhalers, as Mexico did not request essential use exemptions for any purpose under the Montreal Protocol.
- 3) Mexico does not have regulations requiring the destruction of virgin or recovered ODS of any kind, including CFCs.

MGM Innova would be happy to provide ARB with a copy of this letter if more clarification is needed.

While Mexico can still produce HCFC-22, and HCFC-141b which are both considered as potential ODS sourced from foam under ARB's Compliance Offset Protocol for U.S. Ozone Depleting Substances Projects, it is worth noting that HCFC-22 can still be produced in the United States for use in equipment manufactured before January 1st, 2010. Finally, given the important role Climate Action Reserve ("CAR") has served in helping to develop ARB's compliance offset protocols, MGM Innova would also like to point out that CAR's Article 5 Ozone Depleting Substances Project Protocol Version 1.0 is limited to CFCs produced for the refrigerant market, and does not include HCFCs.

It is our recommendation that ARB strongly consider the development of a compliance offset protocol for ODS destruction projects for ODS sourced from Mexico. In line with this recommendation, MGM Innova suggests utilizing CAR's Ozone Depleting Substances Project Protocol Version 1.0 as a proxy for Mexico offset protocol development and a potential source of early action offsets from Mexico. The CAR Article 5 Protocol has stringent point-of-origin documentation requirements, monitoring requirements, and destruction facility requirements. Furthermore, the Article 5 Protocol negates perverse incentives related to production of ODS given the requirement that ODS be produced prior to the Montreal Protocol phase-out date. A Mexico ODS destruction protocol has the potential to deliver significant environmental benefits given the high global warming potential of CFCs. Finally, drawing upon its extensive experience working as a consultant across a wide range of emission reduction projects located in North America, MGM sees a significant risk that the compliance protocols currently listed on the Proposal will not be able to produce the quantity of offsets anticipated by ARB. The inclusion of a Mexico ODS protocol and other project types that meet ARB's environmental integrity standards will mitigate the risk of offset supply deficiencies.

MGM Innova thanks the Board for its time and attention and hopes that these comments are well received.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/995-carb_letter.docx'

Original File Name: CARB_Letter.docx

Date and Time Comment Was Submitted: 2010-12-14 15:19:08

No Duplicates.

Comment 604 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: joel

Last Name: fine

Email Address: voter@thefines.us

Affiliation:

Subject: I am opposed!

Comment:

I am opposed to the implementation of regulations to enforce AB32. The benefits are small to none and the costs are large. It is a major factor in California's well-deserved reputation as a terrible place to do business.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 15:07:32

No Duplicates.

Comment 605 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Pam

Last Name: Pinkston

Email Address: pampink@pacbell.net

Affiliation: Concerned Citizen

Subject: Greenhouse Emissions Regulations

Comment:

I know you've heard about Climategate, but you choose to totally ignore it. You also choose to ignore the hundreds of scientists who have come forward showing evidence that there is no such thing as "man-made global warming." You also continue to ignore the fact that your draconian regulations are driving more and more businesses out of the State of California. YOU ARE KILLING THE GOOSE THAT LAYS YOUR GOLDEN EGGS, and are too stupid to know or care! WAKE UP!!!!!!! California is on the verge of bankruptcy! WHO WILL PAY YOUR SALARIES WHEN BUSINESS AND TAXPAYERS HAVE LEFT CALIFORNIA FOR FRIENDLIER STATES?

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 15:24:55

No Duplicates.

Comment 606 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Robin
Last Name: Quarrier
Email Address: robin@resource-solutions.org
Affiliation: Center for Resource Solutions

Subject: CRS Supports the Adoption
Comment:

December 14, 2010

California Air Resources Board
1001 "I" Street
Sacramento, CA 95812

*Submitted electronically at
<http://www.arb.ca.gov/lispub/comm/bclist.php>*

Dear Chairman Nichols and Board members,

Thanks to you and the CARB staff for all of your work on the draft cap-and-trade regulation. We applaud your efforts to balance the multiple, sometimes competing, objectives of AB 32 in this draft regulation. Though we do not agree with every policy choice, Center for Resource Solutions supports CARB's approval of this draft regulation. It will serve as a crucial element of California's plan for smooth transition to a clean energy future and sustainable prosperity. Once again California is leading the nation, and we can demonstrate the great potential for economic progress powered by clean energy.

Center for Resource Solutions (CRS) has deep expertise in the electricity sector, and we write to comment on two particular issues:

1. CRS is very supportive of the decision to include a voluntary renewable energy (VRE) set-aside mechanism, indicated by the inclusion in the draft rule of placeholder language indicating this.
2. CRS continues to have concerns about the WCI recommendation that RECs have no role in mandatory GHG reporting and compliance protocols.

Support for the Voluntary Renewable Energy Set-Aside

The inclusion of a VRE set aside in the draft rule is a natural outgrowth of CARB's efforts to spur clean energy progress in California. The VRE set aside will support the continued growth of voluntary purchases of renewable energy from both distributed generation and utility-scale facilities based within the state. These purchases are private funds going to expand clean energy generation in California. Given that this has been one of the bright spots in the California economy, policy choices to support

continued growth only makes sense.

As CARB has recognized, without such a VRE Set Aside, California clean energy producers wishing to sell into the voluntary market would be hampered by the fact they would no longer be able to correctly say that such purchases would lead to net emission reductions. There is demonstrated appetite amongst Californians for investment in voluntary action to reduce greenhouse gas emissions. The inclusion of a VRE Set Aside ensures that an in-state clean energy option continues to exist for these funds.

This policy has garnered support from coalitions of dozens of diverse stakeholders: nonprofits groups, including environmental groups; and also public health groups like the American Lung Association of California; faith groups like Interfaith Power and Light; clean-energy industry stakeholders like Sun Power and SunTech; associations like the California Wind Energy Association and the Large-scale Solar Association; plus venture capitalists and the forward-looking Sacramento Municipal Utility District. Broad, diverse groups have come together to voice support for a Voluntary Renewable Energy Set-Aside in coalition letters submitted in 2008, 2009, and 2010. Incidentally, this diverse coalition looks a lot like the one that helped defeat Proposition 23.

CRS submitted letters in 2009 and 2010 offering our view on the reason that a VRE Set Aside should be a priority. We will not replicate these same arguments here, though we are happy to provide further information. Indeed, we understand that this is one of the areas of the cap-and-trade program that will be further defined in 2011, and we stand ready to assist in further defining the program.

Concerns about the WCI recommendation that RECs have no role in cap-and-trade accounting

In the spring of 2010, the Western Climate Initiative (WCI) announced a recommendation to Partner states and provinces that, in a nutshell, unbundled REC purchases by regulated entities in the electricity sector should not reduce their compliance obligation. May 27, 2010, CRS submitted a comment letter explaining the reasons that we believe this approach is misguided. Not least, this counters accepted best practice that null power should be assigned a system power profile. And the approach would undermine the commonly accepted definition of RECs as containing the environmental benefits of the renewable energy generation that produced the REC. This hard-won—and now commonly accepted—definition has been enshrined in existing contracts and has facilitated impressive growth in the voluntary market over the past five years.

In response to concerns such as these, we understand that WCI's final recommendations for a VRE set aside were changed to explicitly suggest that specified null power be made eligible for the set aside. From page 3: "WCI Partner jurisdictions should also consider requiring that renewable energy produced by VRE-eligible facilities in a non-WCI Partner jurisdictions and sold on a specified basis to the WCI Partner jurisdiction be counted as if those facilities were located in the WCI Partner jurisdiction."

We appreciate that perspectives such as those we have been offering

appear to have been heard and responded to with this adjustment to the operation of the VRE Set Aside. Though we would prefer a more direct approach, whereby RECs do affect carbon accounting and null power carries associated emissions, in the absence of this first best outcome, we would support the inclusion of specified null power under the VRE Set Aside.

We do not believe that the draft cap-and-trade rule directly addresses this issue of REC accounting, however we understand CARB is planning to follow the WCI recommended approach. That approach did not include a participatory process, not even the more limited participation usually offered as part of WCI policy development. A whitepaper discussing options was released, but there was no proposed recommendation with an opportunity to comment.

Though we see no indication that CARB is on the cusp of committing to a policy that constructs an artificial wall between RECs and carbon accounting, we reiterate that we think this would be a bad idea even with the inclusion of null power in the VRE set aside. Such a policy would create new accounting challenges and complications for existing contracts. We would be happy to further elaborate.

In conclusion, we must emphasize our gratitude for all that CARB has accomplished with this draft regulation and all of the related AB 32 policies. That you achieved so much under difficult circumstances (not least mandatory furloughs) is a testament to the commitment to pursuit of the public interest of CARB staff at all levels.

CRS is always willing to offer our expertise as these policymaking processes continue to unfold.

Sincerely,

Jennifer Martin
Executive Director
Center for Resource Solutions

Attachment: 'www.arb.ca.gov/lists/capandtrade10/998-crs_comment_cap_trade-12-14-10.pdf'

Original File Name: CRS_comment_cap_trade-12-14-10.pdf

Date and Time Comment Was Submitted: 2010-12-14 14:47:26

No Duplicates.

Comment 607 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Martha

Last Name: Davis

Email Address: mdavis@ieua.org

Affiliation: Inland Empire Utilities Agency

Subject: IEUA Comment Letter on Cap on Greenhouse Gas Emissions

Comment:

Attached is Inland Empire Utilities Agency's comment letter on the California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/999-ieua_comment_letter_on_cap_on_greenhouse_gas_emissions.pdf'

Original File Name: IEUA Comment Letter on Cap on Greenhouse Gas Emissions.pdf

Date and Time Comment Was Submitted: 2010-12-14 15:47:31

No Duplicates.

Comment 608 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Suzanne

Last Name: Bratcher

Email Address: suzannebratcher@msn.com

Affiliation:

Subject: CA Cap on Greenhouse Gas Emissions

Comment:

I strongly support passing climate change cap and trade legislation in the state of California. If the federal government can't get it's act together, it's up to the states and local government to enact common sense legislation that will protect the environment and move us away from our dependence on oil. California has long been a leader for the nation. I hope this legislation will pass and send an important message to the rest of the country!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 15:59:10

No Duplicates.

Comment 609 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Christopher

Last Name: Lish

Email Address: lishchris@yahoo.com

Affiliation:

Subject: strengthen the program, protect the public interest, and support a carbon tax
Comment:

Dear Chair Nichols and members of the California Air Resources Board:

I wish to thank state officials for taking global warming seriously and developing a plan to reduce global warming pollution while at the same time attempting to create jobs and make California a healthier and more prosperous place to live. This program is one of many policies CARB is using to reach the state's goal of reducing global warming emissions to 1990 levels by 2020, along with renewable energy, energy efficiency, and cleaner transportation standards.

Parts of the proposal are strong, such as setting a limit that declines each year, and setting a minimum price on carbon pollution. This steady price signal will help businesses make long-term investments in strategies to reduce global warming emissions.

By forcing polluters to pay for the emissions they generate by purchasing permits in an auction, we can then

As proposed, the AB 32 cap-and-trade regulation threatens California's forests and the wildlife that rely on them. As you consider the cap-and-trade regulation at your meeting on December 16, please amend the proposed cap-and-trade rule to strengthen the program and to protect the public interest by:

1. Making polluters pay for their greenhouse gas emissions. Pollution allowances should not be given away to oil companies and other large emitters. Allowances should be auctioned off, with the money from the auction funds re-invested in efforts that will help us transition to a cleaner economy and help lower energy costs for Californians—such as making homes and businesses more energy efficient, creating green jobs, increasing public transit options, and developing wind, solar, and other clean energy projects in California, and assisting low-income consumers.

2. Protecting the integrity of the climate program and resiliency of California's forests by: a) eliminating from the offset program forest management projects that allow forest clearcutting as a way of sequestering carbon; b) adding provisions to assure that forest projects DO NOT result in the conversion of naturally managed (uneven aged forests) into clear-cut plantations (even aged forests).

3. Eliminating the exemption from compliance obligations for forest biomass emissions.

4. Reducing the percentage of emission reductions allowed to come from offsets. Californians support our global warming law because we want to green our state's economy, not outsource the job of reducing emissions to other states and countries.

I implore you not to make forest clearcuts and biomass plants the face of AB 32. We cannot and should not try to clearcut and burn our way out of climate change.

I also wish to express my concern that cap-and-trade with offsets cannot deliver the needed emissions reductions necessary to avert catastrophic climate destabilization—it has not effectively reduced emissions in the EU, and has resulted in windfall profits for utilities. I strongly encourage you to support a carbon tax on fuels, with its revenue recycled to Californian households.

The most effective, socially just, and transparent way to halt global warming is through a carbon tax, with its revenues returned to Californian households. Under a carbon tax, fuels would be taxed on their carbon content (i.e., their ability to contribute to global warming), and the revenue would be recycled to Californian households. With the revenue return to households, most middle-income and low-income households could actually come out ahead financially if they conserved energy.

A carbon tax would also provide a built-in incentive for utilities and industry to transition to low-carbon fuels, while softening the impact of rising energy prices on consumers. A carbon tax would give industry and investors a clear price signal, spurring investments in clean energy and efficiency; this could create millions of jobs in a clean energy economy.

California can demonstrate leadership with a carbon tax while protecting Californian industry with WTO-sanctioned border adjustments. Sweden, Norway, Finland, the Netherlands, and British Columbia have already implemented a carbon tax.

Support for a carbon tax is also growing steadily among public officials, economists, policy experts, and community leaders. And voters prefer a carbon tax with revenue returned to households over cap-and-trade's Wall Street carbon markets.

Our species' existence, along with that of thousands of other species, depends upon our reducing our greenhouse gas emissions. A steadily-rising carbon tax with its revenues returned to Californian households is the most effective, socially-just, and transparent means to halt climate change and transition to a clean energy economy.

Again, I strongly encourage you to support a carbon tax on fuels, with its revenue recycled to Californian households.

Thank you for your consideration of my comments. Please do NOT add my name to your mailing list. I will learn about future developments on this issue from other sources.

Sincerely,
Christopher Lish
PO Box 113

Olema, CA 94950
lishchris@yahoo.com

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 16:00:55

No Duplicates.

Comment 610 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kent W.

Last Name: Noyes

Email Address: Non-web submitted comment

Affiliation:

Subject: Water and Power Associates, Inc.

Comment:

Please see attached

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1002-kent.pdf'

Original File Name: kent.pdf

Date and Time Comment Was Submitted: 2010-12-14 16:17:06

No Duplicates.

Comment 611 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Charlene
Last Name: Wardlow
Email Address: cwardlow@ormat.com
Affiliation: Ormat

Subject: Comments on Proposed Regulation Order for CA Cap on GHG & Market Based Compliance
Comment:

Attached is our comment letter on this proposed Regulation.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1003-ormat_comment_letter_on_cap_and_trade_proposed_regulation_order_12-14-10.pdf'

Original File Name: Ormat Comment Letter on Cap and Trade Proposed Regulation Order 12-14-10.pdf

Date and Time Comment Was Submitted: 2010-12-14 15:27:10

No Duplicates.

Comment 612 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Camille

Last Name: Kustin

Email Address: camille@betterworldgroup.com

Affiliation:

Subject: Support for voluntary renewable energy set-aside (revised)

Comment:

Attached is a revised coalition letter in support for the voluntary renewable energy set aside provisions.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1004-voluntary_renewable_set_aside_12-13-10.pdf'

Original File Name: Voluntary Renewable Set Aside_12-13-10.pdf

Date and Time Comment Was Submitted: 2010-12-14 15:57:49

No Duplicates.

Comment 613 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Sandra

Last Name: Taylor

Email Address: Non-web submitted comment

Affiliation:

Subject: Forest Carbon Offset Program

Comment:

Please see attached

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1005-sandra.pdf'

Original File Name: Sandra.pdf

Date and Time Comment Was Submitted: 2010-12-14 16:17:06

No Duplicates.

Comment 614 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: William

Last Name: Wells

Email Address: Non-web submitted comment

Affiliation:

Subject: CARB's Footprint

Comment:

Please see attached

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1006-william.pdf'

Original File Name: William.pdf

Date and Time Comment Was Submitted: 2010-12-14 16:17:06

No Duplicates.

Comment 615 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Charmaine M.

Last Name: Rehg

Email Address: Non-web submitted comment

Affiliation:

Subject: AB 32

Comment:

Please see attached

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1007-charmaine.pdf'

Original File Name: Charmaine.pdf

Date and Time Comment Was Submitted: 2010-12-14 16:17:06

No Duplicates.

Comment 616 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Paul
Last Name: La Follette
Email Address: theskipper85@yahoo.com
Affiliation:

Subject: CARB READ THIS!

Comment:

I hope that carb actually reads this and has half a heart to listen to what I have to say!

Let me make this perfectly clear,

I know exactly what is trying to be done here with ab32!
Unlike the majority of people who are like sheep and buy into ab32 and saving the environment I don't.

Ab 32 is a ploy to take more of our money and give us less freedoms and liberties as us citizens! Isn't american supposed to be home of the free land of the brave!?!

It becomes very apparent to me that ab32 is much more than any do good "climate change" policy. It is making the divide between rich and poor bigger and stealing our money from the people who actually work for it.

I want to know who is planning on getting rich off of ab32 carbon taxes? CARB or is this a redistribution of wealth scam?

Making ab32 law is going to put countless californian's out of work.

It is going to skyrocket,electricity rates, natural gas rates and the price of diesel and gasoline!

Let's throw out there say 60% higher electricity costs,57% higher natural gas rates and an extra \$3.7 Billion a year in carbon taxes on fuel!

A million californian's put out of work!!! That doesn't sound like a rational OR affordable bill at all!

Can the middle class or poor afford this NO THEY CANNOT!!!

How clever is that? Make the poor poorer and the rich richer.

Luckily for carb most californian's don't know the cost behind ab32! and that it is a scam in the plainest form.

Ab32 will also take old cars off the road which are doing no harm, and which are people's pride and joy.

It has already forced companies out of the state and will force

countelss californian's and to leave the state, which is a loss of revenue to the state!

And it will make families choose electricity and gas over food!

I want to further make my point on the bigger agenda here " Redistribution of wealth"

To prove my case I want to point to an interview between German Nzz online Sunday

and OTTMAR EDENHOFER, UN IPCC OFFICIAL (which means intergovernmental Panel on Climate Change)

Don't take my word for it Look up this interview yourself!

In this interview Ottomar admits:

During an interview with Germany's NZZ Online Sunday, UN official Ottmar Edenhofer declared, "We redistribute de facto the world's wealth by climate policy."

(OTTMAR EDENHOFER, UN IPCC OFFICIAL): That will change immediately if global emission rights are distributed. If this happens, on a per capital basis, then Africa will be the big winner, and huge amounts of money will flow there. This will have enormous implications for development policy. And it will raise the question if these countries can deal responsibly with so much money at all.

"One has to free oneself from the illusion that international climate policy is environmental policy. This has almost nothing to do with the environmental policy anymore, with problems such as deforestation or the ozone hole."

Edenhofer confirmed what many Americans have asserted all along: cap and trade will penalize Americans and American industry.

The American Chronicle article entitled "Cap-and-Trade Energy Tax will Cause Redistribution of Wealth Among States and Working Families" cites the Congressional Budget Office as stating that cap and trade would cost the average American household an extra \$1,600 per year. It would increase the price for a gallon of gasoline between \$0.61 to \$2.53, and would increase electricity costs anywhere from 44 percent to 129 percent.

Hmm out of all the NO on prop 23 adds on tv did anyone happen to mention how much this will cost the citizens of california!?

No they did not! I think that's false advertising if you ask me?? Even infomercials tell you how much a product will cost!

So carb if you are reading this. I don't know what you are smoking on!

You guys must have dollar signs in your eyes or someone else does and they are using you as a front!!!!

Any citizen reading this tell all of your friends the truth this is

a scam!

Thank you carb for your time I appreciate it, and I hope you have a heart to realize

that ab32 will turn california on its head and put the state and its citizens further in debt!

This is american not utopia!!!! Please listen that ab32 is lunacy

this is not europe, with \$10 and \$12 a gallon gas it is america. Lets keep it that way!!!!

and stop stripping us of our freedoms, liberties and our hard earned money!!!

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1008-climate_change.pages'

Original File Name: climate change.pages

Date and Time Comment Was Submitted: 2010-12-14 15:49:33

No Duplicates.

Comment 617 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Bradley

Last Name: Heisey

Email Address: BHeisey@TENASKA.com

Affiliation:

Subject: High Desert Power Project's Comments on ARB's Proposed Cap-And-Trade Program
Comment:

High Desert Power Project's Comments on ARB's Proposed
Cap-And-Trade Program, see attached comment letter.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1009-
hdpp_comments_on_proposed_c_t_program.pdf'

Original File Name: HDPP Comments on Proposed C&T Program.pdf

Date and Time Comment Was Submitted: 2010-12-14 16:16:19

No Duplicates.

Comment 618 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Eric

Last Name: Sauer

Email Address: esauer@caltrux.org

Affiliation: California Trucking Association

Subject: CTA Cap and Trade Comments

Comment:

Comments attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1010-cta_cap_and_trade_comments_12-14-2010.pdf'

Original File Name: CTA Cap and Trade Comments 12-14-2010.pdf

Date and Time Comment Was Submitted: 2010-12-14 16:24:27

No Duplicates.

Comment 619 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Donald

Last Name: Bowles

Email Address: dbowles944@aol.com

Affiliation:

Subject: climate change

Comment:

I do not follow this matter closely. As a retired economist, however, it is clear to me that climate change is real, not a hoax. in the name of all of our children, give science priority in your deliberations!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 16:26:54

No Duplicates.

Comment 620 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Camille

Last Name: Kustin

Email Address: camille@betterworldgroup.com

Affiliation:

Subject: Request to account for and include bioenergy emissions under the cap (revised)

Comment:

Attached is the revised coalition letter on support to include bioenergy emissions under the cap and account for greenhouse gas emissions associated with biomass production and combustion.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1012-woody_biomass_exemption_letter_12-14-10.pdf'

Original File Name: Woody biomass exemption letter_12-14-10.pdf

Date and Time Comment Was Submitted: 2010-12-14 16:29:15

No Duplicates.

Comment 621 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Terry

Last Name: Dorsey

Email Address: terry.dorsey@co.santa-cruz.ca.us

Affiliation: Santa Cruz County Board of Supervisors

Subject: COMMENTS FROM THE SANTA CRUZ COUNTY BOARD OF SUPERVISORS

Comment:

Please see the comments from the Santa Cruz County Board of Supervisors attached hereto.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1013-mary_nichols.pdf'

Original File Name: Mary Nichols.pdf

Date and Time Comment Was Submitted: 2010-12-14 16:35:40

No Duplicates.

Comment 622 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: ted

Last Name: wells

Email Address: ted.wells@sbcglobal.net

Affiliation:

Subject: global warming

Comment:

Please understand that I am in favor of Adoption of the Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, Including Compliance Offset Protocols. I am glad to see that the people in control of the future regulations understand and take the prevailing science from the UN in account to protect the world. Leaders have to step forward and make the right decisions to protect our children and their children. Yes it will be tough on our generation to conserve. Better now then when no resources are available.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 16:32:02

No Duplicates.

Comment 623 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Camille

Last Name: Kustin

Email Address: camille@betterworldgroup.com

Affiliation:

Subject: Cap and trade design letter (revised)

Comment:

Attached is a revised coalition on cap and trade design, regarding the industrial and electricity sectors and use of allowance value.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1015-gwac_cap_and_trade_letter_12-13-10.pdf'

Original File Name: GWAC Cap and Trade letter 12-13-10.pdf

Date and Time Comment Was Submitted: 2010-12-14 16:34:02

No Duplicates.

Comment 624 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: David

Last Name: Gibbs

Email Address: dbgibbs@gmail.com

Affiliation:

Subject: adoption of California's cap and trade legislation

Comment:

I strongly urge the Air Resources Board to adopt the most stringent air quality measures. At this vital point in the fight to protect our environment from increasing accumulation of green house gasses it is important that the ARB adopt regulations that will place California in the forefront as a leader fighting global climate change. Strong regulation is a win-win for the state as it will create green jobs and protect our environment. Please adopt the most robust regulation possible.

Thank You!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 16:33:09

No Duplicates.

Comment 625 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Craig

Last Name: Anderson

Email Address: anderson_craig_d@solarturbines.com

Affiliation: Solar Turbines

Subject: Cap and Trade for Small Industry Sectors

Comment:

Please consider the attached comments on the proposed Regulation to Implement the Cap and Trade Program.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1017-solar_turbines_comments_cap_and_trade.pdf'

Original File Name: Solar Turbines Comments Cap and Trade.pdf

Date and Time Comment Was Submitted: 2010-12-14 16:38:29

No Duplicates.

Comment 626 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Mark

Last Name: Parsons

Email Address: mparsons@mwdh2o.com

Affiliation: State Water Contractors

Subject: Comments of State Water Contractors on Proposed Cap-and-Trade Regulations
Comment:

Comments of the State Water Contractors on the California Air Resources Board's October 28, 2010 Proposed Regulation to Implement a California Cap-and-Trade Program

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1018-final_swc_carb_comments_on_california_cap-and-trade_program.docx'

Original File Name: FINAL SWC CARB Comments on California Cap-and-Trade Program.docx

Date and Time Comment Was Submitted: 2010-12-14 16:42:11

No Duplicates.

Comment 627 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Camille

Last Name: Kustin

Email Address: camille@betterworldgroup.com

Affiliation:

Subject: Recommendation to include transportation biofuels under the cap (revised)

Comment:

Attached is the revised coalition letter on requiring fuel providers to hold allowances to cover the greenhouse gas emissions released as a consequence of the use of transportation biofuels.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1019-biofuels_in_cap_12-13-10.pdf'

Original File Name: Biofuels_in_Cap_12-13-10.pdf

Date and Time Comment Was Submitted: 2010-12-14 16:40:54

No Duplicates.

Comment 628 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Leslie

Last Name: Tozzini

Email Address: pactg@comcast.net

Affiliation:

Subject: proposed california cap on greenhouse gas emissions

Comment:

We respectfully ask that you vote to suspend AB 32, NOW!
California does not need this legislation, especially now during
this very bad fiscal time for the state. The research has been
based on false information, stop it now.

Sincerely

Leslie Tozzin

Registered Voter

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 16:47:36

No Duplicates.

Comment 629 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Sherry

Last Name: Schermerhorn

Email Address: jerez121@gmail.com

Affiliation:

Subject: Support for Cap and Trade

Comment:

Please stay strong on cap and trade for carbon emissions.
California has the opportunity to be a leader on this issue and to
spur other states to act to protect our planet.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 16:51:31

No Duplicates.

Comment 630 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Emily

Last Name: Rooney

Email Address: emily@agcouncil.org

Affiliation: Agricultural Council of CA

Subject: California Cap on GHG Emissions and Market-Based Compliance Mechanisms

Comment:

Comments attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1022-climate_change_recommendations_and_comments.pdf'

Original File Name: Climate Change Recommendations and Comments.pdf

Date and Time Comment Was Submitted: 2010-12-14 16:52:19

No Duplicates.

Comment 631 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Camille

Last Name: Kustin

Email Address: camille@betterworldgroup.com

Affiliation:

Subject: Proposed amendments to the offset protocol for forest projects

Comment:

Attached is the revised version of the coalition letter on proposed amendments to the ARB compliance offset protocol for forest projects.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1023-forest_protocol_letter_12_13_10.pdf'

Original File Name: Forest Protocol Letter_12_13_10.pdf

Date and Time Comment Was Submitted: 2010-12-14 16:50:39

No Duplicates.

Comment 632 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Doug
Last Name: Davie
Email Address: ddavie@wellhead.com
Affiliation:

Subject: Wellhead Electric Company, Inc. Comments on Proposed Cap-and-Trade Regulation
Comment:

Dear Clerk of the Board,

Please find attached comments from Doug Davie of Wellhead Electric Company Inc. on the October 28, 2010 Proposed Regulation to Implement the Cap-and-Trade Program.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1024-wec_comments_on_cap_and_trade_proposed_regulation_2010_12_14_final.pdf'

Original File Name: WEC comments on Cap and Trade proposed regulation 2010 12 14 FINAL.pdf

Date and Time Comment Was Submitted: 2010-12-14 16:50:45

No Duplicates.

Comment 633 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Rick

Last Name: Brown

Email Address: rick.brown@tvrpllc.com

Affiliation:

Subject: RPS

Comment:

Please make sure that RPS requirements and penalties are maintained or strengthened. Anything that creates incentives for utilities to invest in renewable generation is better in the long-run for the the environment and our economy. And with increasing competition from emerging economies for natural gas, we must invest in energy independence.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 16:59:00

No Duplicates.

Comment 634 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

This comment was posted then deleted because it was unrelated to the Board item or it was a duplicate.

Comment 635 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: James
Last Name: Giannini
Email Address: southatheart@hotmail.com
Affiliation:

Subject: Cap and trade
Comment:

Dear Carb,

I have been a life long california resident. AND a hard working citizen.

I have farmed for the past 40 years. Making a living for my family. Producing revenue for the state, via my tax dollars. And abiding by the law.

I work hard for my money to put food on the table and ab32 is going to reach in my pocket and steal my money, that I work for!!!

I am truly disheartened and disgusted at the prospect of having to live with ab32!!!

Ab32 must have been cooked up by a team of people with purely evil intentions. To think that this is perfectly fine to implement is hard to comprehend.

Unless you consider the fact that this has nothing to do with global warming and everything to do with power and control and the almighty dollar.

And that ab32 will create a HUGE amount of revenue for CARB.

I want to ask carb to think rationally and respect the state and people to which they are trying to turn into their almighty empire of fake climate change.

Carb do you see california as purely a money making state for you?

With dollar signs on everyone's heads?

I am against ab32 and what it will do to the cost of living!

All services and goods in california will become much more expensive.

Electricity, gas, diesel, natural gas, groceries the cost off all of them will shoot through the roof!!

Is this actually reasonable, or right to do to the citizens of california. I think not!

This is a truly offending proposition that you have here.

Carb,
I hope you can think rationally and decide that as a state we cannot afford to pay anymore for gas! diesel! electricity and we cannot afford any higher cost of living then what it already is!

I beg you to stop ab32 and carbon taxes, It is unjust and it is stealing!

Stealing is for theives and we don't need anymore theives in this world.

CARB do you honestly think this is feasable?

and that californian's can afford this?

What good is going to come out of making the working man poorer???

I am not for a supposed "air resources board" to govern how we as american's are supposed to live and what we are supposed to do with our money!

This affects our lives and our state... so stay out of it!

I want to also ask you, if there is truly a global warming epidemic?

Then why is al gore buying a beach front house in california?

The ice caps aren't melting, but the sky is falling.

www.dakotavoices.com/2010/04/al-gore-buys-new-mansion-carbon-footprint-undetermined/

<http://www.ihatethemedia.com/al-gore-buy-home-in-montecito>

This whole global warming is made up and is another evil plot

Sincerely James Giannini

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 16:35:22

No Duplicates.

Comment 636 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Barry

Last Name: Wallerstein

Email Address: bwallerstein@aqmd.gov

Affiliation: South Coast AQMD

Subject: California Cap on GHG Emissions and M-B Compli

Comment:

Please see the attached comment letter from SCAQMD on this matter.
Thank you.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1028-carb_re_mandatory_reporting_ghg_emis_12-14-2010.pdf'

Original File Name: CARB re Mandatory Reporting GHG Emis 12-14-2010.pdf

Date and Time Comment Was Submitted: 2010-12-14 17:22:37

No Duplicates.

Comment 637 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Daniel

Last Name: Gerding

Email Address: Daniel.Gerding@gmail.com

Affiliation:

Subject: AB32 and Cap and Trade

Comment:

I firmly support the adoption of comprehensive cap and trade legislation in California. California must continue to lead the way in the transition to a clean(er) economy!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 17:27:29

No Duplicates.

Comment 638 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John

Last Name: Dennis

Email Address: jdennis@yahoo.com

Affiliation:

Subject: DON"T DO IT

Comment:

This Is based on bad science and will hurt companies and individuals already failing from the economy

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 17:32:28

No Duplicates.

Comment 639 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ian
Last Name: McGowan
Email Address: imcgowan@3degreesinc.com
Affiliation: 3Degrees

Subject: 3Degrees' comments on ARB's ETS
Comment:

Hello,

3Degrees appreciates the opportunity to submit the attached comments on California's proposed cap and trade program. If ARB staff have any questions, please let me know.

Thank you,
Ian

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1031-3degrees_comments_on_arb_ets_12.14.10.pdf'

Original File Name: 3Degrees comments on ARB ETS_12.14.10.pdf

Date and Time Comment Was Submitted: 2010-12-14 17:25:17

No Duplicates.

Comment 640 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Sue
Last Name: Lynn
Email Address: suelynn403@yahoo.com
Affiliation: Sierra Club

Subject: CARB's Draft Scoping Plan
Comment:

December 14, 2010

The Honorable May Nichols, Chair
California Air Resources Board

Dear Ms. Nichols and Members of the California Air Resources Board:

I am writing to urge you to eliminate forest clearcutting from the Forest Carbon Offset Program. I live in Shasta County, and I see clearcuts all around me and they have destroyed much of the appeal of living in a rural area. Clearcutting has devastating impacts on habitat for wildlife, on the ability of forests to cope with climate change as temperatures increase in clearcut areas, and on water quality, upon which much of the state relies.

Most significant, though is the fact that clearcutting, followed by the creation of plantation tree farms, releases more carbon to the atmosphere than any other type of forest management. Carbon is released from slash that is left on the ground and later burned, from wood by-products, and from the soil. Soil contains large amounts of carbon; in the process of logging, and using heavy equipment to rip open the soil to plant the young plantation trees, much of that carbon is released.

The timber industry argues that tree plantations take up carbon quickly and thus store more carbon than before. Research studies by most forest scientists indicate that while an individual small tree may take up carbon more quickly than an older one, for many decades the amount stored by an older forest far outweighs the amount taken up by a younger one. We don't have decades to wait. Climate change is occurring far faster than climate scientists predicted just a few years ago. Clearcutting is deforestation, and climate scientists and forestry scientists alike know that deforestation is one of the major sources of carbon emissions.

Whom should we trust? The timber industry, whose bottom line is profit? Or should we trust forest scientists who work for universities or nonprofit groups, whose concern is scientific truth? We don't believe the oil companies when they tell us that global warming isn't caused by human activity. Why should we trust the claims of the timber industry whose economic interests are at stake over independent scientists?

To preserve the rich resources of our forests, which provide

recreation, wildlife habit, clean water, and wood products, we need to preserve our forests from deforestation. If we encourage clearcutting through AB32, all the benefits of the forests will be degraded more quickly than is already occurring. Please do not make forest clearcutting count for carbon offsets.

Sincerely,

Sue Lynn
Montgomery Creek, California

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 17:39:09

No Duplicates.

Comment 641 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Rebecca

Last Name: Brown

Email Address: rebeccabrown@volcano.net

Affiliation: a woman who lives with trees

Subject: Cap & Trade on G.H. Gases by allowing clear cutting

Comment:

I have to say that I continue to be totally bewildered that CARB is even considering the possibility that cutting down trees, even if planting new ones, can be considered a method for offset. Where does one start to make sense of that?! First, how can the carbon used up by inputs to cut the trees, inputs to send them off to whatever may be their end use, and the inputs for those end uses possibly be considered as a trade for somebody else's carbon outputs? How does cutting down a tree that sequesters carbon and replacing it with a sapling provide the same carbon savings??? I could go on in this vein, but perhaps I'm looking at it in all the wrong way! It has been offered to me that this is just a gimme to SPI in response to a giveya for CARB. It may be that "CARB" isn't the real recipient, but someone(s) who can push this decision. Perhaps CARB has just fallen down the rabbit hole like Alice and needs to come back to the real world. None of these satisfy and the justifications you provide for PR don't either.

Nevertheless, regardless of my efforts to understand the road CARB is going down, my response is that this cap & trade process WRONG!!!! Please, act with integrity. Respect the citizens of this state, the nation, the world. California has been a leader, even with flaws, on protection of the environment. This direction you are taking turns everything else around that we are trying to accomplish in response to climate change, carbon pollution, etc., etc.

I am not vain enough to believe that my little email of disappointment and begging is going to steer your big boat in a wholesome direction. But, maybe you will receive enough little emails, especially from very intelligent and persuasive people, that you will listen and stop this travesty.

This is being sent by an Amador County resident who is familiar with SPI. I don't want to see the slash they will be leaving behind by clear cutting in this county going to the probable new biomass facility in Buena Vista that will be counting on that feedstock to keep it running.

Thank you,
Rebecca Brown
rebeccabrown@volcano.net

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 17:47:25

No Duplicates.

Comment 642 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Eric
Last Name: Chung
Email Address: eric.chung@pacificorp.com
Affiliation: PacifiCorp

Subject: Comments from PacifiCorp regarding Proposed Cap-and-Trade Program
Comment:

Attached please find comments of PacifiCorp regarding the California Air Resources Board October 28, 2010 proposed regulation to implement the Cap-and-Trade Program under Assembly Bill 32.

Regards,

Eric Chung
Director, Environmental Policy & Strategy
PacifiCorp

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1034-20101215-pacificorp-capandtrade-45_day_lang_comments_final.pdf'

Original File Name: 20101215-PacifiCorp-CapAndTrade-45_day_lang_comments_FINAL.pdf

Date and Time Comment Was Submitted: 2010-12-14 17:59:38

No Duplicates.

Comment 643 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Peter

Last Name: Montana

Email Address: montana4@pacbell.net

Affiliation: Progressive, Independent

Subject: Please think of future generations

Comment:

With the economy, the environment and our world on all levels is going through massive change. It does not look good for our future generations. I ask that you please think of our children's children's children so we can leave them a planet. Let's think far beyond our immediate future. That is all I ask, and let your consciousness decide what is correct.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 18:07:20

No Duplicates.

Comment 644 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Sarah

Last Name: Merrill

Email Address: smerrill@ch2m.com

Affiliation: BACWA AIR Committee

Subject: BACWA AIR Comments on Proposed Cap and Trade Regulation
Comment:

Please see the attached letter for the BACWA AIR Committee's comments on the CARB Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1036-bacwa.air_cap-and-trade_comments_final.pdf'

Original File Name: BACWA.AIR_Cap-and-Trade_comments_final.pdf

Date and Time Comment Was Submitted: 2010-12-14 18:09:53

No Duplicates.

Comment 645 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Diane
Last Name: Doucette
Email Address: diane@e2.org
Affiliation: Environmental Entrepreneurs

Subject: E2 Comments on Proposed Cap and Trade Program Regulation
Comment:

Dear Chairman Nichols and Members of the Board,
Attached, please find E2's Comments on ARB's Proposed Cap and Trade Program Regulation.

Sincerely,
Diane H. Doucette, Ph. D
Director, Climate Campaign
Environmental Entrepreneurs
(510) 589 2494

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1037-e2_comments_arb_cap_and_trade_dec_2010_final.pdf'

Original File Name: E2 Comments ARB Cap and Trade Dec 2010 Final.pdf

Date and Time Comment Was Submitted: 2010-12-14 18:04:07

No Duplicates.

Comment 646 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Steve

Last Name: Lynes

Email Address: bankpool@ix.netcom.com

Affiliation:

Subject: Cap and Trade

Comment:

I am a business owner and a 49 year resident of California. This state is in BIG trouble. We have made doing business here next to impossible. I am down to 9 employees from 42. I am trying to hang on, but the regulatory burden placed upon business is unbearable. It's a drain of resources - money, time, ebergy and desire. I beg you, please stop adding additional burdens. Give the economy time to recover. We already have some of teh strictest environmental laws in the country. Arizona is just miles away - please don't force us there or to Texas. We want to stay here. This is our home. Let us work together to bring California back. It's a matter of time, if you continue to drive business away, until all that is left in California are people taking - not producing. Additionally, the science is flawed. Be smart!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 18:33:02

No Duplicates.

Comment 647 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Bill

Last Name: Haskins

Email Address: center@biologicaldiversity.org

Affiliation:

Subject: Capandtrade10 Comments

Comment:

The attached comments are submitted on behalf of supporters of the Center for Biological Diversity.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1039-cbd1.pdf'

Original File Name: cbd1.pdf

Date and Time Comment Was Submitted: 2010-12-14 18:37:29

4175 Duplicates.

Comment 648 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Carolyn
Last Name: Barkow
Email Address: itzmeee@cox.net
Affiliation:

Subject: cap and trade
Comment:

I am in favor of cap and trade to regulate greenhouse gases.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 19:20:36

No Duplicates.

Comment 649 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John

Last Name: Ward

Email Address: wardo@wardo.com

Affiliation:

Subject: Cap and Trade Program Comments

Comment:

Please accept the attached comments from California independent ready mixed concrete producers.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1045-carb_comments_12-14-10_final_ready_mix.pdf'

Original File Name: CARB Comments 12-14-10 FINAL Ready Mix.pdf

Date and Time Comment Was Submitted: 2010-12-14 19:24:08

No Duplicates.

Comment 650 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Alan

Last Name: Kellogg

Email Address: alankellogg@cox.net

Affiliation:

Subject: Cap and Trade

Comment:

PLEASE RECONSIDER YOUR STANCE ON CAP AND TRADE. MUCH OF THE SO CALLED SCIENCE IS BEING SHOWN TO BE BOGUS. THERE IS NO "GLOBAL WARMING", IT IS TOTAL FAKERY, READ YOUR HISTORY BOOKS!!!

ALAN KELLOGG

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 19:44:08

No Duplicates.

Comment 651 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Bradley

Last Name: Curtis

Email Address: bcurtis35@gmail.com

Affiliation:

Subject: Cap and Trade

Comment:

Short and sweet.

Cap and Trade has nothing to do with the environment or global warming. It is a political charade designed to pay for a liberal agenda item.

Vote no

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 20:05:10

No Duplicates.

Comment 652 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Thora

Last Name: Lares

Email Address: thoralares@gmail.com

Affiliation: family

Subject: cap and dividend

Comment:

Dear Board Members

I urge you to follow your expert economic panel's recommendation that "The largest share (roughly 75%) of allowance value should be returned to California households..." in the form of a dividend check.

Sincerely,
Thora Lares

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 20:35:21

No Duplicates.

Comment 653 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Bill

Last Name: Titus

Email Address: btitus@earthlink.net

Affiliation:

Subject: Cap and trade

Comment:

It's well known that a lot of the "science" regarding, global warming, gas emissions, pollution is specious and if what is being discussed and carried out without Californians being able to vote on it. Those bypassing the will of the people for financial reasons have to live with themselves for eons. You do live more than once.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 20:44:33

No Duplicates.

Comment 654 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Barbara
Last Name: Decker
Email Address: bv6decker@aol.com
Affiliation:

Subject: AB 32
Comment:

Suspend AB 32 until the unemployment in Ca. is 4.5% for four straight quarters. Those who can least afford the increase in electric rates, gas prices will be affected.

Thank you,
Barbara Decker

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 21:19:47

No Duplicates.

Comment 655 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Biff
Last Name: Schaefer
Email Address: wpschaef@pacbell.net
Affiliation: none

Subject: Cap and trade
Comment:

JUST SAY NO TO CAP AND TRADE!!!!!!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 21:24:58

No Duplicates.

Comment 656 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Steven

Last Name: Schiller

Email Address: sschiller@efficiencycouncil.org

Affiliation: California Energy Efficiency Industry Co

Subject: Support for Adoption of a Proposed California Cap on Greenhouse Gas Emissions

Comment:

December 14, 2010

Clerk of the Board
California Air Resources Board
1001 I Street
Sacramento, CA 95812

Subject: Support for Adoption of a Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, Including Compliance Offset Protocols

The California Energy Efficiency Industry Council supports the adoption of the proposed cap and trade regulations for the purpose of putting a price on carbon. For decades, California has been at the forefront of creating effective environmental and clean energy policies. As a result, these policies are stimulating innovation and efficiency, positioning the state as a leader in this thriving global marketplace, and creating new businesses and jobs. We see the proposed regulation as another positive step in California's leadership, by demonstrating how to develop an energy infrastructure in a carbon-constrained world. We believe the regulation will also support a stable energy and business environment that will result in our member companies being able to grow and employ more Californians.

We do have a few suggestions though:

1. The Air Resources Board and/or the CPUC must establish strong oversight to ensure that funds generated as a result of the regulation are only spent on any appropriate consumer rate relief and GHG-reducing measures such as energy efficiency and the use of renewables. Given the free allowance allocation provisions, it is of particular concern that there is investment in mitigation versus windfalls for any participants.

2. All participants must realize that a cap and trade system does not replace our State's other greenhouse gas mitigation policies and thus we need to stay the course and even expand implementation activities related to energy efficiency and other clean energy policy initiatives. This particularly includes the public benefits charge funding for energy efficiency programs.

The Efficiency Council is an association representing businesses that provide energy efficiency services and products in California

(www.energycouncil.org). The energy efficiency industry continues to expand in California, creating jobs and saving energy and dollars for residents and businesses feeling the economic pinch throughout the state. The Efficiency Council membership includes energy service companies, engineering and architecture firms, contractors, implementation and evaluation experts, financing experts, and manufacturers of California Air Resources Board energy efficiency products and equipment. The member companies of the Efficiency Council have over 110 different offices in cities from Eureka to San Diego to help California residents and businesses save energy in every corner of the state. Our member companies will be hiring more individuals in California in the years to come, assuming a continued policy of clean energy and environmental stewardship.

Thank you for your time and consideration.

Sincerely,

Steven R. Schiller, P.E.
Board Chair

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1057-arb_capandtrade_summary.pdf'

Original File Name: ARB capandtrade summary.pdf

Date and Time Comment Was Submitted: 2010-12-14 21:24:49

No Duplicates.

Comment 657 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Steven

Last Name: Schiller

Email Address: sschiller@efficiencycouncil.org

Affiliation: California Energy Efficiency Industry Co

Subject: Corrected Attachment for Support for Adoption

Comment:

December 14, 2010

Clerk of the Board
California Air Resources Board
1001 I Street
Sacramento, CA 95812

Subject: Support for Adoption of a Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, Including Compliance Offset Protocols

The California Energy Efficiency Industry Council supports the adoption of the proposed cap and trade regulations for the purpose of putting a price on carbon. For decades, California has been at the forefront of creating effective environmental and clean energy policies. As a result, these policies are stimulating innovation and efficiency, positioning the state as a leader in this thriving global marketplace, and creating new businesses and jobs. We see the proposed regulation as another positive step in California's leadership, by demonstrating how to develop an energy infrastructure in a carbon-constrained world. We believe the regulation will also support a stable energy and business environment that will result in our member companies being able to grow and employ more Californians.

We do have a few suggestions though:

1. The Air Resources Board and/or the CPUC must establish strong oversight to ensure that funds generated as a result of the regulation are only spent on any appropriate consumer rate relief and GHG-reducing measures such as energy efficiency and the use of renewables. Given the free allowance allocation provisions, it is of particular concern that there is investment in mitigation versus windfalls for any participants.

2. All participants must realize that a cap and trade system does not replace our State's other greenhouse gas mitigation policies and thus we need to stay the course and even expand implementation activities related to energy efficiency and other clean energy policy initiatives. This particularly includes the public benefits charge funding for energy efficiency programs.

The Efficiency Council is an association representing businesses that provide energy efficiency services and products in California

(www.energycouncil.org). The energy efficiency industry continues to expand in California, creating jobs and saving energy and dollars for residents and businesses feeling the economic pinch throughout the state. The Efficiency Council membership includes energy service companies, engineering and architecture firms, contractors, implementation and evaluation experts, financing experts, and manufacturers of California Air Resources Board energy efficiency products and equipment. The member companies of the Efficiency Council have over 110 different offices in cities from Eureka to San Diego to help California residents and businesses save energy in every corner of the state. Our member companies will be hiring more individuals in California in the years to come, assuming a continued policy of clean energy and environmental stewardship.

Thank you for your time and consideration.

Sincerely,

Steven R. Schiller, P.E.
Board Chair

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1058-ceeic_letter_to_carb_12_14_10.pdf'

Original File Name: CEEIC letter to CARB 12 14 10.pdf

Date and Time Comment Was Submitted: 2010-12-14 21:35:04

No Duplicates.

Comment 658 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Robert

Last Name: Wyman

Email Address: robert.wyman@lw.com

Affiliation: California Climate Coalition

Subject: California Climate Coalition Comments

Comment:

Please accept the attached comments on behalf of the California Climate Coalition. Thank you.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1059-california_climate_coalition_comments.pdf'

Original File Name: California Climate Coalition Comments.pdf

Date and Time Comment Was Submitted: 2010-12-14 21:50:08

No Duplicates.

Comment 659 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Dan

Last Name: Monte

Email Address: danmonte93@yahoo.com

Affiliation:

Subject: Cap and Trade

Comment:

Cap and Trade is just a form of buying one's way out of reducing carbon use. Allowing speculation in such markets further removes the process from the goal of reducing carbon use. There is enough carbon at present to raise sea levels 3 meet, if we could magically turn off the carbon switch today. California has over 1,000 miles of coastal lands and inland lowlands that will be severely impacted by sea level rise. At the minimum California should remove speculation from its cap and trade program so that its effectiveness can be measured, and so that incentives for maintaining a program that will not work will be removed.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 21:59:37

No Duplicates.

Comment 660 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Roger
Last Name: Williams
Email Address: rwilliams@bluesource.com
Affiliation:

Subject: Blue Source ARB comments
Comment:

Dear ARB staff:

Thank you in advance for reviewing the attached comments.

Best,

Roger Williams
Blue Source

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1063-blue_source_carb_comments_12_13_10.pdf'

Original File Name: Blue Source CARB comments 12_13_10.pdf

Date and Time Comment Was Submitted: 2010-12-14 22:41:20

No Duplicates.

Comment 661 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Woody
Last Name: Hastings
Email Address: woody@climateprotection.org
Affiliation: Climate Protection Campaign

Subject: Proposed Cap & Trade Regulations
Comment:

California Air Resources Board
1001 I Street
Sacramento, CA 95812

RE: Proposed Cap & Trade Regulations

Dear Chair Nichols, Board and Staff:

Thank you for your hard work and leadership in this arena. As a former long-time constituent and supporter of Fran Pavley, it is gratifying to see this policy coming to fruition.

First, as a new staff member of the Climate Protection Campaign, I want to concur with the CPC's main points, contained in separate correspondence from our Executive Director, Ann Hancock, in favor of:

- An upstream-biased system
- Initial maximization leading to 100% auction of permits
- Compensating ratepayers with a dividend
- Use of trading proceeds to fund important energy efficiency and renewable energy programs
- A price floor on allowances (which is included in the proposal at \$10.00/allowance)

I want to emphasize the point about specifically defining ratepayer benefit. Currently the benefit is not defined at all. This should be a rebate check sent to ratepayers separately from their utility bill so that they receive the price signal first and financial adjustment secondarily.

In addition to the above, I support:

- The declining cap;
- The full auction of allowances in the transportation sector;
- The concern among my fellow Sierra Club volunteers and others about the regulations allowing forest clear-cut offsets. Please eliminate this provision from the regulations.

Thank you for the opportunity to comment,

Woody Hastings
Sebastopol, CA

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 22:37:41

No Duplicates.

Comment 662 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ruth

Last Name: Robertson

Email Address: rwsrobertson@yahoo.com

Affiliation:

Subject: Concern about Clearcutting as a Carbon Offset

Comment:

Some friends and I made the following very short youtube video to sing our concern about clearcut forests being called a carbon offset.

Our song is called "Clearcuts are not Genuine Offsets" and we have sung it to the familiar tune "My Bonnie Lies Over the Ocean" with ukulele accompaniment. It is only 2 min 30 seconds long, and we made it to put our feelings forth in words and song.

We are all older women who have raised children, many of us have grandchildren, and are very concerned about climate change.

http://www.youtube.com/watch?v=c_oM_cyD4JA

Thank you, in advance, for making this available to the members of the Air Resources Board.

Ruth Robertson

Raging Grannies

www.RagingGrannies.com

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 22:38:10

No Duplicates.

Comment 663 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John

Last Name: Larrea

Email Address: john@clfp.com

Affiliation: CA League of Food Processors

Subject: Comments on Proposed Cap and Trade Regulation

Comment:

The California League of Food Processors submits the attached comments on the ARB's proposed Cap and Trade Regulation.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1066-ca_league_of_food_processors_candt_comments_12-14-2010.pdf'

Original File Name: CA League of Food Processors CandT Comments 12-14-2010.pdf

Date and Time Comment Was Submitted: 2010-12-14 22:47:48

No Duplicates.

Comment 664 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Renae

Last Name: Steele

Email Address: Steele.geo.renae@att.net

Affiliation:

Subject: capandtrade10

Comment:

This would tragically impact all citizens of California. The cost of gas alone would increase the price of everything we eat, wear and use on a daily basis. The schools would need to increase their budgets to allow for buses to run. The billions of trucks doing business would significantly be limited, therefore products could not be shipped without raising prices to the consumer. How could anyone be so blind as not to see the impact of such a punitive tax?

What good can come out of this at a time when people are struggling to keep or maybe find employment and then this law makes it three times harder for employers to hire, or employees trying to get to a job?? How is this extra tax going to be justified?? Just where is this ill-gotten gain going to go?? Who made this agency and these ideologs so important that they can control the citizens of this state through these unfair and unnecessary penalties?? Please reconsider, time to stabilize this pathetic bankrupt state not throw it into more chaos. With businesses moving out of state already, might as well wave bye to the remaining. Who would even try to start anything with these conditions in place?? Think hard about these actions.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 22:43:57

No Duplicates.

Comment 665 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Robert
Last Name: Lawrence
Email Address: rlawrence@orrick.com
Affiliation:

Subject: Cap and Trade Proposed Rule
Comment:

My comments on the Cap and Trade Proposed Rule are respectfully attached.

Bob Lawrence

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1073-c_t_rule_comments.doc'

Original File Name: C&T Rule Comments.doc

Date and Time Comment Was Submitted: 2010-12-15 02:15:41

No Duplicates.

Comment 666 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Peter

Last Name: Glaser

Email Address: peter.glaser@troutmansanders.com

Affiliation: Peabody Energy Company

Subject: Comments of Peabody Energy Company

Comment:

Attached are the comments of Peabody Energy Company on the Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, including Compliance Offset Protocols. Please contact me if you have any questions or need further information. Thank you.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1075-peabody_arb_comments.pdf'

Original File Name: Peabody ARB Comments.pdf

Date and Time Comment Was Submitted: 2010-12-15 04:58:12

No Duplicates.

Comment 667 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Amy

Last Name: Grishaber

Email Address: amygrishaber@hotmail.com

Affiliation:

Subject: Pass Cap and Trade Regulation

Comment:

I am in favor of the ABR passing the Cap and Trade regulation needed to implement AB32, California's Global Warming Solutions Act. We can move forward in this country and California has long been a leader for others to emulate. Please pass the cap and trade regulation immediately and regulate greenhouse gases.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 06:55:15

No Duplicates.

Comment 668 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John

Last Name: Arensmeyer

Email Address: jsteed@smallbusinessmajority.org

Affiliation:

Subject: ARB Emissions Trading Program Hearing

Comment:

ARB Emissions Trading Program Hearing

Testimony, John Arensmeyer

Dec. 16, 2010

The enactment of the Global Warming Solutions Act, known as AB 32, marked a milestone in California's effort to grow the clean energy sector of our economy. A key component of AB 32's implementation is the Air Resources Board's carbon emissions trading program. This program is needed to provide the economic opportunities AB 32 creates for small businesses, and to transition California out of its present state and into a fiscally responsible clean energy future. For that reason, the Air Resources Board should adopt its proposed market system without delay.

Small businesses across our state stand to benefit greatly from the incentives a carbon emissions trading system establishes. We know this from an in-depth economic analysis of AB 32 we released in October of this year. Our report, "Economic Opportunities for Small Businesses Under AB 32," concluded that the new law will lead to significant economic growth from increased investment and innovation—a boon to California small businesses and the economy overall.

The key findings of the report are encouraging, as small businesses play a pivotal role in our state's economy. In 2006, 7.2 million Californians were employed by nearly 720,000 small businesses. Of these firms, 88% had fewer than 20 employees. AB 32 provides opportunities for many of these businesses to gain a financial edge in the burgeoning clean energy sector. According to our report, these opportunities include:

Increased investment in energy efficiency: Climate change legislation will fuel demand for and increase investment in energy efficiency goods and services, thus generating new prospects for small businesses that provide them. It will boost investment in building retrofits, new construction and renewable energy generation—industries primarily composed of small firms that do the majority of hiring.

Increased spending on non-energy purchases: AB 32 will reduce spending on energy expenses and increase demand in many sectors for goods and services, which will in turn pad small businesses coffers. In addition, the law will help raise revenues of small service businesses, which make up 50% of all small businesses in the state, by \$4.6 billion by 2020, and more than 15,000 jobs will

be added. Because of requirements in the law that will spur greater fuel and energy efficiency, consumers are expected to save \$2 billion annually, allowing this money to be pumped back into the economy. For California small service business, the financial benefit translates to an extra \$1,115 per employee.

Incentives for companies to go green: AB 32 will create savings and boost profit margins for new and existing "Main Street" small businesses that successfully go green and employ brand differentiation strategies to grow their businesses.

New innovation: AB 32 will drive innovation, as small businesses will continue looking for opportunities to make and supply the energy efficiency technologies needed to comply with the law's emissions standards. When the Clean Air Act was enacted on the federal level decades ago, American innovation led to the creation of catalytic converters, a product that has spurred job growth in manufacturing and other sectors. The same type of innovation will occur here in California. But we must make it a top priority to address all of AB 32's provisions, including ARB's carbon emissions trading program, which is key to providing Californians with incentives to invent, build and maintain these technologies.

The opportunities AB 32 creates for California and our small businesses are vast. They will enable small employers to do what they do best: create new jobs and help our struggling economy get back on its feet. However, we need a strong market signal to continue the investments and incentives needed to take full advantage of the law. Since AB 32's passage in 2006, venture capital has been flooding into California and reached \$1.4 billion in the first two quarters of 2010 alone. The Air Resources Board's work on adopting a system of carbon emissions trading will help sustain market certainty, continue this growth in investment and move California from a carbon-based economy to a clean energy one.

California has a proud tradition of leading the nation in smart, new policies. AB 32 is a prime example. It's imperative we don't miss our chance to give small business owners the help they need during these tough economic times, because it's our creative entrepreneurs who will lead the way in restoring our state's economic vitality.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1078-carb_testimony_121610.pdf'

Original File Name: CARB testimony_121610.pdf

Date and Time Comment Was Submitted: 2010-12-15 07:40:24

No Duplicates.

Comment 669 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Steven

Last Name: Smith

Email Address: Steven.B.Smith@Saint-Gobain.com

Affiliation:

Subject: Comments on Cap & Trade

Comment:

Please find attached our comments on the proposed Cap & Trade rule.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1079-carb_c_t_12-15-10.pdf'

Original File Name: CARB C&T 12-15-10.pdf

Date and Time Comment Was Submitted: 2010-12-15 07:23:45

No Duplicates.

Comment 670 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Sheila

Last Name: Atcher

Email Address: smatcher@frontiernet.net

Affiliation: human race

Subject: AB32

Comment:

Please -- this is about a whole lot more than immediate dollar signs. Coming from a logging community, we still recognise the necessity of multiple age forests. There is more to our forests than \$\$\$. By allowing the clear-cutting and falsehood of the carbon credits to become law, we truly are entering the age of stupid. Our forests can be and should be managed in their total form (ie biodiversity) and not just in their profit form. Selling the carbon credits in no way changes the excessive amount of pollution that is expended into our environment. Let's come up with a plan that will be appreciated and praised by the future generations. Thank you for your serious, heartfelt consideration. You have an important decision to make.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 07:29:09

No Duplicates.

Comment 671 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Maxine

Last Name: Rodowicz

Email Address: max1953x@gmail.com

Affiliation:

Subject: Cap andTrade

Comment:

With soo much false information out there on global warming/climate change, I believe that now is not the time to impose regulations thaat can not be proven to prevent any adverse climate conditions.

The earth has over the ages experienced many dramatic weather events, all of which are not the result of any man made factors. Classes in Astrology has also mentioned that the planetary alignment has and will continue to change this earth as well as the seasons.

Please delay any new regulations until full and ACCURATE studies have been concluded.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 07:54:17

No Duplicates.

Comment 672 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Justin

Last Name: Kennerly

Email Address: pocopelo@charter.net

Affiliation: California Resident - Democrat

Subject: Opposed to cap-and-trade

Comment:

I am writing in opposition to the proposed Cap and Trade system in California. I am not opposed to a Cap system but Cap and Trade, according to estimates by a variety of scientists, would not even make the slightest demonstrable change in global temperature. This is precisely why proponents want Cap and Trade - global warming. It is my opinion that this Cap and Trade will only serve to exchange hundreds of millions of dollars without any improvement in air quality, water quality or any significant difference in our climate. I truly think that some of the "masterminds" (if I can use the term without sounding like a crazy person) behind the cap and trade system are the "green" brokers that will stand to make considerable sums of money trading carbon credits.

The proponents will say that cap and trade is needed to keep big polluters in check...well, then, let's cap CO2 emissions and be done with it! To control CO2 in our atmosphere (I use this to mean all layers of the atmosphere in general, we would be better served to focus on reducing consumption of goods, planting trees and reducing actual production of CO2, not pretending to do so by trading carbon credits.

There is no need for a cap and trade system that, even by our best estimates will have a negligible effect on our local and global climate. Ultimately, this will be a waste of huge sums of money that will not curb CO2 pollution from large "polluters" because they can purchase credits from those who create less CO2...this is a complete wash in terms of CO2 production and only serves to transfer money from one business, filter it through brokers who will take their share and then give it to other industries who are already conducting business with little CO2 production. This is more about money exchange than addressing climate issues.

If the world's best scientists cannot produce overwhelming proof that a Cap and Trade system will ultimately have significant and demonstrable changes in our climate, then why would we even consider this system? We need to follow the science and not the hocus focus numbers in this massive dollar exchange system. I do realize that the Federal Government, or at least this administration is in favor or at least leans toward Cap and Trade. Just because the administration is in favor of Cap and Trade does not amount to proof that this system will have any significant effect on climate.

I am all in favor of California paving the way to reducing pollution, reducing environmental toxins, clean water and clean air - these should really be our primary focus, not CO2 production in

which one volcanic eruption on the globe will nullify any local man made efforts (and the millions of dollars spent). So, I have to take a stand against this Cap and Trade system that has not been proven to have any significant effects on our climate.

I urge you not to bring Cap and Trade to California.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 07:28:36

No Duplicates.

Comment 673 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John

Last Name: Fitzgerald

Email Address: jfitzgerald@conbio.org

Affiliation: Society for Conservation Biology

Subject: Cap and trade design, minimizing offsets, maximizing ecosystems

Comment:

SOCIETY FOR CONSERVATION BIOLOGY
COMMENTS ON THE PROPOSED
CALIFORNIA CAP ON GREENHOUSE GAS EMISSIONS
AND MARKET-BASED COMPLIANCE MECHANISMS

December 15, 2010

The Society for Conservation Biology is a global network of nearly 10,000 conservation professionals with policy leaders drawn from all continents on the globe and numerous disciplines relevant to conservation science and practice. Over half of our members are from the United States, however, and a large portion of our policy work is focused on the conservation of the American West.

Our top priority issue since early 2007 has been climate change and we have submitted testimony, comments and other papers in Federal and international proceedings.

Our North America Section President, Dominick DellaSala, joined by several other senior members and staff of SCB and others coauthored a groundbreaking book demonstrating the heretofore under-appreciated carbon storage services of temperate rainforests such as exist from northern California to Alaska. Our letter to Cancun cites this research and related studies. We also cite Dr. DellaSala's testimony to the U.S. House Committee on Natural Resources on the management of public lands with regard to climate change.

Our Policy Director participated this September in workshop of scientists and policy makers, including senior officials of California, at the University of California at Davis' John Muir Institute of the Environment, which is headed by a former board member of SCB, Professor Mark Schwartz. The workshop focused on greenhouse gas sequestration effects of different ecosystems in California and in areas that may be included in your cap and trade system. The scientists issued a succinct statement noting the very substantial and in some cases, surprising, capacity of grasslands, marine marshes and kelp forests, and forests of different sorts to sequester greenhouse gases if managed properly and protected from excessive anthropogenic stresses.

We are submitting these comments and attachments today by way of your web-based form as our comments on your proposed cap and trade regulations as we believe you will find these submissions useful in

your consideration of the California draft rules -- Subchapter 10 Climate Change, Article 5, Sections 95800 to 96022, Title 17, California Code of Regulations, (--: Article 5: CALIFORNIA CAP ON GREENHOUSE GAS EMISSIONS AND MARKET-BASED COMPLIANCE MECHANISMS).

We are submitting our letter to the conveners and delegates of the UNFCCC Conference of the Parties in Cancun, which references our letter to the COP in Copenhagen, both of which cited recent research that should directly help to shape your regulations. These are available also at www.conbio.org/resources/policy.

A fundamental point of our letters and testimony is that governments have an obligation to require the most rapid reduction possible in human-caused greenhouse gases and other forcing agents, such as black carbon or soot, and to combine that with bio-diverse ecosystem conservation and restoration. Nothing short of the combination will be likely to avoid highly dangerous climate change and accelerating losses in biodiversity and ecosystem service.

The second point is that these mitigating steps should not be undercut by reliance upon offsets when any other approach is available. Otherwise, the heat and drought and other climate driven stresses threaten to repeat the experience of the Amazon which in the drought of 2005 tipped for one year to not only fail to sequester its usual 2-3 billion tons of CO₂, but to become a source of carbon nearly as large, with a net loss in planter sequestration as large as the European Union and Japanese emissions combined. US forests are also stressed and the California system must take that into account dynamically in its approach.

In the US system, states have the greatest array of tools available under our Constitution -- from common law to legislation to protect public health using all of the powers not preempted by the Federal government, and in fact, California is the prime example of a state that uses its freedom to lead and help other states join in the process, even when the Federal government is far behind in controlling air pollution. We hope that you will protect and exercise those powers and stand ready to help you do that in the future as we are today with the attached submissions.

Thank you.

John M. Fitzgerald
Policy Director

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1083-scb_letter_to_cancun_12-6_11am.pdf'

Original File Name: SCB Letter to Cancun 12-6 11am.pdf

Date and Time Comment Was Submitted: 2010-12-15 08:02:46

No Duplicates.

Comment 674 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Patricia

Last Name: Lawrence

Email Address: Adventures@AudioJourneys.org

Affiliation:

Subject: Cap them, but don't trade our forests

Comment:

The cap part of this program is a good strategy. Industry should be willingly doing everything possible to stop source pollution, asap.

Doing any type of clearcutting of our forests is a bad strategy. Californians and the biodiversity that lives in natural forests need uneven-management, and select cutting. Forests are currently being clearcut even without your c&t program. Of which itself is controversial. Are you intending to do more clearcutting than the Board of Forestry is already allowing? See satellite images of what we have lost just in the last 10 years. Please don't let only a market economy dictate how California faces climate change. Please don't ignore the voices and the science of the people, for example; clearcutting forests will not sequester more carbon. Clearcutting more forests will defiantly stress even more fragile ecosystems across the state and drive to extinction species of animals and plants that may have not even been identified. You can always take the cap off, you will never be able to put back the natural forests. Please no more clearcutting California's natural forests.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 07:51:01

No Duplicates.

Comment 675 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Bruce

Last Name: McLaughlin

Email Address: mclaughlin@braunlegal.com

Affiliation: Offsets Working Group

Subject: Comments on the Cap-and-Trade Proposed Regulation

Comment:

Please find attached the comments of the Offsets Working Group on the offset provisions of the Cap-and-Trade Proposed Regulation.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1086-20101215_owg_pr_comments.pdf'

Original File Name: 20101215_OWG_PR comments.pdf

Date and Time Comment Was Submitted: 2010-12-15 08:23:59

No Duplicates.

Comment 676 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Koji

Last Name: Kawamura

Email Address: kawamura@wapa.gov

Affiliation: Western Area Power Administration

Subject: California Air Resources Board (ARB) request for comments on its Rulemaking
Comment:

Attached below please find Western Area Power Administration's comments in response to the California Air Resources Board (ARB) request for comments on its Rulemaking to Consider the Adoption of a Proposed California Cap on Greenhouse Gas Emissions and Market Based Compliance Mechanisms Regulations, Including Compliance Offset Protocols.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1087-comments121510f0filed.pdf'

Original File Name: Comments121510f0filed.pdf

Date and Time Comment Was Submitted: 2010-12-15 08:14:55

No Duplicates.

Comment 677 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John

Last Name: Hopkins

Email Address: ieh@cal.net

Affiliation: California HCP Coalition

Subject: Use of allowance value for ecosystem adaptation

Comment:

Letter as attachment

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1089-chcpc-arb.pdf'

Original File Name: CHCPC-ARB.pdf

Date and Time Comment Was Submitted: 2010-12-15 08:31:41

No Duplicates.

Comment 678 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Michael

Last Name: Mazowita

Email Address: mmazowita@olympuspower.com

Affiliation:

Subject: PE-Berkeley Comments

Comment:

Attached are PE-Berkeley's comments to the proposed Cap and Trade Regulation.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1090-peb_comments_proposedcapandtraderegulation.pdf'

Original File Name: PEB_Comments_ProposedCapandTradeRegulation.pdf

Date and Time Comment Was Submitted: 2010-12-15 08:43:50

No Duplicates.

Comment 679 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Carl

Last Name: Wirdak

Email Address: carl_wirdak@oxy.com

Affiliation: Occidental Petroleum Corp

Subject: Comments related to upstream oil and gas sector

Comment:

Attached are Occidental Petroleum's comments regarding allowance allocation, benchmarking, cap adjustment factor and electricity/steam for the upstream oil and gas production sector.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1092-oxy_comments_on_cap_and_trade_regulation.pdf'

Original File Name: OXY Comments on Cap and Trade Regulation.pdf

Date and Time Comment Was Submitted: 2010-12-15 08:51:27

No Duplicates.

Comment 680 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Craig

Last Name: Parker

Email Address: ceparker@calenergy.com

Affiliation: CalEnergy Operating Corporation

Subject: CalEnergy comments CARB Cap-and Trade Program

Comment:

Comments of CalEnergy Regarding the California Air Resources Board
October 28, 2010 Proposed Regulation to Implement the Cap-and-Trade
Program under Assembly Bill 32

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1093-
calenergy_cap_and_trade_comments_sl_12_15_2010.pdf'

Original File Name: CalEnergy Cap and Trade Comments SL 12 15 2010.pdf

Date and Time Comment Was Submitted: 2010-12-15 08:56:02

No Duplicates.

Comment 681 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Chuck

Last Name: DeVore

Email Address: ChuckDeVore@aol.com

Affiliation: California State Assemblyman, 2004-2010

Subject: Emissions leakage

Comment:

When considering the 2020 emission limit of 427 million metric tons of carbon dioxide equivalent (MMTCO₂E) of greenhouse gases in conjunction with the Western Climate Initiative (WCI), will emissions leakage be considered? Specifically, BC Power, the government-owned utility in British Columbia, has been in power deficit for 10 of the past 11 years. It makes up that deficit by importing coal-fired power from Washington state and the province of Alberta. BC Power then sells California "green" hydropower after backfilling their grid deficit with coal power.

Will the ARB account for this form of electron laundering by looking at the full life cycle emissions of the sources of power imported into California? How will the ARB attempt to account for multiple sources of power generation within the Western Interconnection? Has ARB considered the cost impact of electricity to California consumers if BC Power, or other providers of electricity, are forced to purchase emissions allowances to fully account for their electron laundering?

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 08:53:50

No Duplicates.

Comment 682 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Constance

Last Name: Roth

Email Address: constanceroth@sbcglobal.net

Affiliation:

Subject: Cap and Trade//December 16th

Comment:

Please no more regulations. Please do away with Cap and Trade. We need jobs in California not more questionable environmental regulations. What good are these regulations when industry just leaves the state and the country. How is China's environment. Do you reject all things from China!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 09:04:37

No Duplicates.

Comment 683 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Chuck

Last Name: DeVore

Email Address: ChuckDeVore@aol.com

Affiliation: California State Assemblyman, 2004-2010

Subject: Full lifecycle greenhouse gas emissions accounting

Comment:

When considering the 2020 emission limit of 427 million metric tons of carbon dioxide equivalent (MMTCO₂E) of greenhouse gases (GHG), what method of GHG accounting is used?

For instance, ethanol production varies widely in carbon intensity, depending on such factors as the whether it originates from corn or sugar cane, the amount of energy needed to process it and transport it, the impact on land and whether rain forest was cut down to make room for the crop, or, in the case of U.S. corn ethanol subsidies, corn crops displacing soy bean production, which in turn went to Brazil which cut down forest to produce more soy beans that were once produced in the U.S.

Secondly, some studies have suggested that hydropower, depending on where it is sited, can be a net negative for GHG emissions because it can drown carbon-impounding forests while the rotting plant matter releases large amounts of methane. Given this, will hydropower from BC Power have a higher imputed GHG load than hydropower from the Hoover Dam, which did not drown forests as it was built in a desert?

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 09:14:19

No Duplicates.

Comment 684 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Shannon
Last Name: Baker-Branstetter
Email Address: bakesh@consumer.org
Affiliation: Consumers Union

Subject: Consumers Union's comments on proposed cap and trade regulations
Comment:

December 15, 2010

Clerk of the Board, Air Resources Board
1001 I Street
Sacramento, California 95814

Via: <http://www.arb.ca.gov/lispub/comm/bclist.php>

Re: Comments on Rulemaking to Consider the Adoption of a Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, Including Compliance Offset Protocols

Introduction

Consumers Union of United States, Inc., publisher of Consumer Reports®, submits the following comments in response to the California Air Resources Board (CARB) proposed rule in the above-referenced matter.

Comments

Background

Consumers Union (CU) was an active opponent of Proposition 23 and has advocated for federal climate change efforts to include consumer protections, including a consumer rebate or dividend from cap-and-trade revenue. We have considerable reservations that local distribution companies (LDCs), particularly investor-owned utilities (IOUs), can equitably and transparently deliver consumer benefit to ratepayers once allowances have already been provided to them.

CU strongly supports the following components as essential for an equitable, consumer-friendly climate policy: 1) auction of permits, 2) dividend or rebate for consumers, and 3) enhanced energy efficiency and other cost-control measures to keep energy bills affordable, especially for low- to moderate-income households. The first two of these components are implicated in the current proposed rule. The consumer rebate and auction were important components of CU's defense of AB 32 and are essential for consumer acceptance of and support for climate change policies. The AB 32 Scoping Plan (December 2008) and the Economic and Allocations Advisory Committee (EAAC) recommendations clearly identified the benefits of auctioning permits and using a significant proportion of the revenue as a direct consumer rebate.

It is untenable for CARB to now ignore these prior plans and recommendations and abandon them in favor of pro-industry policies.

Recommendations

The proposed cap and trade regulations for electric utilities provide an excessive number of free allowances and an indirect and likely ineffective return of allowance value to consumers. We urge CARB to include the following recommendations in its final regulation:

1) Increase the percentage of allowances auctioned to emitters and utilities.

The California Public Utilities Commission (CPUC) and the California Energy Commission (CEC) recommended to CARB a transition to 100 percent auction for the electricity sector by 2016. It is not entirely clear from CARB's Proposed Rule § 95870(c)(1) and Table 9.2 what percentage is being freely allocated versus auctioned, but it appears to be a far cry from 100 percent by 2016.

Although it is less efficient and transparent, it seems reasonable for CARB to start with some free allowances at the outset and increase the auction percentage over time in order to ease anxiety over the transition and allow utilities adequate adjustment time to adjust to new emission constraints. However, for reasons of planning certainty, principles of fairness, consumer protection, and public support, there should be a clear path towards auction and dividend in the electric sector.

While the impact of AB 32 on specific utilities (LDCs) and industries will vary significantly, giving away allowances outright is not the most equitable or efficient mechanism for distributing allowances. Free allocations to emitters decrease the revenue available to be returned directly to consumers, and an efficient allocation system is important for lowering the overall costs of the program. Giving away excessive free allowances creates a windfall for polluters at worst and provides an inefficient allocation at best. In its recommendations to CARB, the Market Advisory Committee (MAC) identified "reducing the cost of the program to consumers, especially low-income consumers," and "avoiding windfall profits" as important principles to be followed in the implementation of AB 32, with which CU enthusiastically agrees. Based on these principles, MAC recommended to CARB "that California avoid windfall profits, where they would occur, by limiting the free allocation of allowances." The EAAC report also recognizes that free allocations to emitters should be limited to where emissions leakage is likely to occur and even then, used as a last resort.

If CARB cannot estimate with certainty which entities or end-consumers would be the hardest hit through an auction system, then it is difficult to see how free allocations solve this uncertainty—there will still be winners and losers and the competitive disadvantage of those entities that receive insufficient allocations compared to those that receive a windfall from overallocation will still be present. Free allocations do not solve this problem, but instead, obscure it and make it more difficult to determine the level of allowances that entities actually need and the inequities that arise from the cap-and-trade program.

Not only is an auction system an efficient way to distribute allowances to entities that need them, but it also has important cost efficiencies for consumers of carbon-intensive goods and services. Entities that can reduce emissions at a lower cost than purchasing allowances will make these improvements instead of

purchasing additional allowances. Consumers benefit from this market efficiency that drives the lowest-cost emission reductions.

CARB recognizes that under its proposed rule, some IOUs will have extra allowances to auction in a secondary market. Consumers Union feels strongly that, particularly in the case of IOUs, it would be more efficient to auction these allowances in the first place and return most of the revenue directly to consumers. An LDC pass-through requires close regulation and detailed analysis of each LDC's proposal to ensure the value of allowances is actually passed through to consumers. Even under vigilant oversight, determining the value of "free" allowances and what counts as "consumer benefit" is not as transparent as issuing direct rebates and may not be sufficient to counteract the regressivity of pricing carbon.

Provided that rebates or dividends are a large percentage of allowance revenue and are distributed fairly, most consumers, particularly low- and middle-income consumers will be not significantly worse off under the new program, and many may be better off. Principles of fairness may require additional rebates to account for particularly large differences in regional impacts. Providing additional or larger rebates for consumers most impacted by the new program will provide more transparent, and likely larger, relief than providing free allowances to the LDCs and hoping the benefit will trickle down in an equitable manner. Ultimately, the auction and dividend method of distributing allowances is the most transparent and reliable method for delivering ratepayer relief from the cap-and-trade program. However, given the uncertainties in initiating a new program, a mixture of free and auctioned allowances may still benefit ratepayers, as long as the path to full auction is clearly laid out. CU strongly urges CARB to formulate a clear path to full auction by 2016, as recommended by the CPUC and CEC.

2) Provide residential ratepayers a direct rebate through lump-sum payments.

Auctioning allowances and returning a large portion of the auction revenues directly to consumers are essential for ratepayer protection. However, CARB's current proposal does not dedicate sufficient revenue to direct consumer rebates nor adequately ensure consumers will actually receive the benefits promised them under the proposal. Equal rebate checks for residential ratepayers (or at least equal within a LDC service area) are essential to ensure basic fairness of the program and to protect low- and middle-income ratepayers from potential increases to electricity prices. The EAAC report explicitly recommended dividends (possibly combined with tax cuts) as the majority use of allowance value because dividends best serve the twin objectives of fairness and economic efficiency.

CARB's utility sector plan includes provisions for a secondary market for excess allowances distributed to utilities. Section 95892 directs utilities to use excess allowance value "to reduce the costs of AB 32 policies on their ratepayers," for "ratepayer benefit" and "for protection of electricity customers and for other AB 32 purposes." As outlined in the first recommendation above, CU ardently supports a direct consumer rebate as opposed to an LDC-pass through. However, if CARB insists on routing consumer benefit through LDCs, Consumers Union strongly believes that a direct consumer rebate or "lump-sum transfer" should be the only allowable use of these funds.

The AB 32 Scoping Plan (December 2008) is filled with excellent recommendations for cost-effective efficiency programs and

standards, weatherization efforts, smart growth planning, and renewable energy research and deployment. Many of these worthy efforts will also help defray energy costs for consumers and are excellent options for use of allowance revenue. Support for such programs should be allocated in a transparent, competitive and efficient process, however, and not be opaquely routed through LDCs.

Cost-effective efficiency programs and other uses of the allowances that may "benefit ratepayers" that are administered by IOUs are not the best use of allowances. IOUs are often obligated to conduct such programs irrespective of the AB 32 program; the substitution effect may occur, with the result that IOUs do the same level of efficiency programs with no added benefit for ratepayers that are supposed to be provided by AB 32. Such substitutions are difficult to identify, and other failures of transparency are entirely plausible if utilities are given leeway on "ratepayer benefit." Theoretically, the CPUC could prevent such abuses, but it is much cleaner and more transparent to provide the entire allowance auction value directly to consumers in a lump sum and then keep efficiency and other programs separately addressed through independent allowance allocation (in the case of non-IOU recipients) or ratemaking or other CPUC proceedings (in the case of IOU-sponsored programs).

In addition, many consumers will not realize the significance of the on-bill rebate unless it is clearly identified as a reduction. A separate dividend check would be the clearest and fairest option for consumers, even if such a check is included in the same envelope as the electricity bill. A lump-sum payment will preserve the economic signals intended to reduce energy use and emissions while helping consumers afford increasing energy bills.

Conclusion

For the above reasons, Consumers Union urges CARB to consider these recommendations in its implementation of AB 32. We appreciate CARB's hard work and tireless efforts to ensure climate change policy benefit the state's citizens and its environment and hope that it makes special efforts to ensure fairness to consumers throughout this process.

Respectfully Submitted,

Shannon Baker-Branstetter
Policy Counsel, Consumers Union

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1097-2010_12_15_cu_comments_on_ab_32_regulations.pdf'

Original File Name: 2010_12_15_CU comments on AB 32 regulations.pdf

Date and Time Comment Was Submitted: 2010-12-15 09:13:10

No Duplicates.

Comment 685 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Linnea

Last Name: Fronce

Email Address: wildart@dslextreme.com

Affiliation:

Subject: Green house Gas Emissions cap

Comment:

Our economy cannot afford to allow anyone to continue spewing greenhouse gases into the air. Consider what is going to happen as climate change worsens; the central valley becomes drier, sea levels rise, storms worsen and cause more property damage. As air pollution worsens, more health costs will incur. Rates of asthma will increase, and more of us with breathing problems will be hospitalized. State costs for alleviating the problems will be much higher than the costs of preventing them.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 09:11:19

No Duplicates.

Comment 686 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Chuck

Last Name: DeVore

Email Address: ChuckDeVore@aol.com

Affiliation: California State Assemblyman, 2004-2010

Subject: Offset Credits

Comment:

ARB is considering allowing up to eight percent of the required greenhouse gas (GHG) emissions reduction to be met through the purchase of offset credits. Experience has shown that many of the mechanisms used to calculate the effectiveness of offset credits are non-transparent, non-scientific, and rife with fraud, especially in developing nations. What sort of comprehensive auditing mechanism will ARB put in place to ensure that offset credits are truly "real, permanent, verifiable, enforceable, quantifiable, and additional"? If an offset credit is purchased and allowed, then it is later discovered that the offset credit purchased was not effective, or the foreign government was engaging in fraud, what mechanism will ARB use to make the system whole? Will the ARB audit offset credits? Has the cost of oversight for offset credit auditing been considered?

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 09:25:01

No Duplicates.

Comment 687 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Larry
Last Name: Lohmann
Email Address: larrylohmann@gn.apc.org
Affiliation: The Corner House

Subject: Comment on Compliance Offset Protocols -- AB32
Comment:

COMMENT

PROPOSED ADOPTION OF A CALIFORNIA CAP ON GREENHOUSE GAS EMISSIONS
AND MARKET-BASED COMPLIANCE MECHANISMS REGULATION, INCLUDING
COMPLIANCE OFFSET PROTOCOLS - IMPLEMENTATION OF AB32

Larry Lohmann
The Corner House
15 December 2010

None of the offset types described under the Offset Protocols under discussion for AB32 could ever be demonstrated to be real, permanent, quantifiable, verifiable, enforceable, or additional. Hence they do not meet AB32 requirements and should be rejected.

Carbon trading in general would be counterproductive as a component of AB32 because it selects for delay in addressing structural change in those industries where it is most important (see, for example, Driesen, D.M. 'Sustainable Development and Market Liberalism's Shotgun Wedding: Emissions Trading under the Kyoto Protocol', Indiana Law Journal 83(1) (2008) 21-69; Larry Lohmann (ed.), Carbon Trading: A Critical Conversation on Climate, Privatization and Power, Dag Hammarskjold Foundation, Uppsala (2006); Tamra Gilbertson and Oscar Reyes, Carbon Trading: How it Works and Why it Fails, Uppsala (2009)).

Offsets, however, would play an even more egregious role undermining AB32 than emissions trading proper, for additional reasons involving unverifiability, reflexivity, counterproductivity and environmental and social damage that have been well-rehearsed in the peer-reviewed literature (see, for example, B. K. Sovacool and M. A. Brown "Scaling the Response to Climate Change," Policy & Society Vol. 27, No. 4 (2009), pp. 317-328; Larry Lohmann, "Uncertainty Markets and Carbon Markets: Variations on Polanyian Themes", New Political Economy, Vol. 15, No. 2 (2010), pp. 225-254; "Toward a Different Debate in Environmental Accounting: The Cases of Carbon and Cost-Benefit", Accounting, Organisations and Society Vol. 34, Issues 3-4 (April/May 2009), pp. 499-534; "Carbon Trading, Climate Justice and the Production of Ignorance: Ten Examples", Development, Vol. 51, No. 3 (2008) pp. 359-365; "Marketing and Making Carbon Dumps: Commodification, Calculation and Counterfactuals in Climate Change Mitigation", Science as Culture, Vol. 14, No. 3 (2005), pp. 203-235; "Climate as Investment," Development and Change Vol. 40, No. 6 (2009), pp. 1063-1083;

"Neoliberalism and the Calculable World: The Rise of Carbon Trading", in Kean Birch, Vlad Mykhnenko and Katherine Trebeck (eds.), *The Rise and Fall of Neoliberalism: The Collapse of an Economic Order?*, London, Zed Books (2010); "Climate Crisis: Social Science Crisis," in Martin Voss (ed.), *Der Klimawandel: Sozialwissenschaftliche Perspektiven*, VS-Verlag, Berlin (2010), pp. 133-153 and Steffen Bohm and Siddhartha Dabha (eds.), *Upsetting the Offset: The Political Economy of Carbon Trading*, Mayfly Books, London (2010)).

As the US General Accounting Office pointed out in 2009 (*Observations on the Potential Role of Carbon Offsets in Climate Change Legislation*, GAO-09-456T), it is not possible, and never will be possible, to demonstrate that any offset is either additional or nonadditional. It should be added that offset projects involving livestock manure, ozone depleting substances, and forestry mentioned in the proposal under review have a well-documented international record of being particularly damaging not only to the climate, but to local economies and the environment. HFC-23 offsets, for instance, have caused a scandal at the level of the United Nations Framework Convention on Climate Change because of their climatically-damaging effects due to perverse incentives for production of additional greenhouse gas (see, for example, CDM Watch website, www.cdm-watch.org). The emphasis on "cost-savings" that has led to such projects becoming prominent in, for example, the Clean Development Mechanism has resulted in carbon trading schemes losing touch with what is being costed (Lohmann, *New Political Economy*, 2010). Livestock manure projects in Mexico and elsewhere are subject to the same problem and are also provoking heavy public resistance, as are REDD and other carbon forestry projects worldwide (see Ronnie Hall, *REDD: The Realities in Black and White*, Friends of the Earth International (2010); F. Carus, "Liberian President Calls for Extradition of British Businessman over Alleged Carbon Offset Deal", *BusinessGreen*, 18 October 2010; Joanna Cabello and Tamra Gilbertson (eds.) *No Redd! A Reader*. Hermosillo: Carbon Trade Watch and Indigenous Environmental Network (2010)). Offset unverifiability, in addition, is at the heart of rising concerns about offsets becoming "toxic assets" infecting and undermining the whole economic system (see Steve Suppan, "Speculating on Carbon: The Next Toxic Asset", Minneapolis: Institute for Agriculture and Trade Policy (2009); "Trusting in Dark (Carbon) Markets? The UN High-Level Advisory Group on Climate Finance", Minneapolis: Institute for Agriculture and Trade Policy (2010); Michelle Chan, "Subprime Carbon: Rethinking the World's Largest New Derivatives Market", San Francisco: Friends of the Earth (2009); "10 Ways to Game the Carbon Markets", San Francisco, Friends of the Earth (2010)).

It should be emphasized, finally, that the impossibility of using offsets for climate mitigation cannot be overcome through "regulation" or "governance." Indeed, attempts to regulate an offset program would only make the problems described above worse (see Larry Lohmann, "Regulatory Challenges for Financial and Carbon Markets", *Carbon & Climate Law Review* Vol. 3, No. 2 (2009), pp. 161-71; "Regulation as Corruption in Carbon Offset Markets," in Steffen Bohm and Siddhartha Dabha (eds.), *Upsetting the Offset: The Political Economy of Carbon Trading*, Mayfly Books, London (2010), pp. 175-191).

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1104-comment_--
_proposed_ab32_offsets.doc'

Original File Name: COMMENT -- PROPOSED AB32 OFFSETS.doc

Date and Time Comment Was Submitted: 2010-12-15 09:25:17

No Duplicates.

Comment 688 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Elijah
Last Name: Zarlin
Email Address: ab32credo@gmail.com
Affiliation: CREDO Action

Subject: RE: CA Cap and Trade Public Comment Period (capandtrade10)
Comment:

California Air Resources Board
1001 "I" Street
P.O. Box 2815
Sacramento, CA 95812

RE: CA Cap and Trade Public Comment Period (capandtrade10)

Dear Members of the California Air Resources Board,

Enclosed is a PDF with the public comment submissions from 10,578 concerned environmentalists from all across California urging you to enact stricter cap and trade rules. The submissions were collected by CREDO Action, and though they vary throughout, the messages within can be summed up as follows:

"In overwhelmingly rejecting Prop 23, California voters have given a historic mandate for immediate action to reduce global warming pollution. However, the proposed cap and trade rules weaken the impact of our climate bill by giving away the vast majority of pollution allowances. Seize the mandate for bold, meaningful action and remove the massive allowance giveaways outlined in the current rules."

If you have any questions about these comment submissions, please don't hesitate to contact me through the information provided below.

Sincerely,
Elijah Zarlin
Campaign Manager
CREDO Action
ezarlin@credomobile.com
415.369.2014

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1106-10868comments_capandtrade10.pdf'

Original File Name: 10868comments_capandtrade10.pdf

Date and Time Comment Was Submitted: 2010-12-15 09:22:12

10578 Duplicates.

Comment 689 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Peter
Last Name: Klosterman
Email Address: petek@accesscom.com
Affiliation:

Subject: Please disallow carbon offsets associated with clearcutting
Comment:

From: Pete Klosterman
Date: December 14, 2010 9:14:33 PM PST
To: "Nichols, Mary D. @ARB"
Subject: Please disallow carbon offsets associated with clearcutting

Dear Ms. Nichols,

I understand that in the near future the California Air Resources Board will consider adopting a cap-and-trade program that would allow industrial polluters to purchase carbon offsets in place of reducing their own greenhouse gas emissions. In addition, these carbon offsets may be associated with forest management projects using clearcutting.

I strongly urge you to disallow these carbon offsets, since replanting following clearcutting is of questionable value in reducing carbon emissions. Clearcutting is a highly aggressive logging method which reduces biodiversity and the complexity of forest structure; it should not be encouraged in the name of reducing carbon emissions.

Sincerely,

Peter Klosterman, Ph.D.

779 Kingston Ave Apt 14
Piedmont, CA 94611-4442
510-658-0975

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 09:23:56

No Duplicates.

Comment 690 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jessica
Last Name: Davis-Stein
Email Address: jdavisstein@aol.com
Affiliation:

Subject: Clearcutting
Comment:

From: Jessica Davis-Stein
Date: December 15, 2010 7:48:50 AM PST

Subject: clearcutting

For the benefit of all of us, please remove clear cutting from the proposed cap and trade program.

Thanks,

Jessica Davis-Stein zip: 91423

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 09:23:56

No Duplicates.

Comment 691 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Alan

Last Name: Shaw

Email Address: info@codexis.com

Affiliation:

Subject: Cap-and-trade Proposed Regulations

Comment:

See attached document for comments.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1109-carb_letter_121510.pdf'

Original File Name: CARB Letter_121510.pdf

Date and Time Comment Was Submitted: 2010-12-15 09:33:44

No Duplicates.

Comment 692 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Matthew

Last Name: Eaton

Email Address: meaton@lacsds.org

Affiliation: Commerce Refuse-to-Energy Authority

Subject: Cap on Greenhouse Gas Emissions - Commerce Refuse-to-Energy Authority

Comment:

Attached is comment letter from the Commerce Refuse-to-Energy Authority.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1110-commerce_refuse_to_energy_comments_ghg_cap.pdf'

Original File Name: Commerce Refuse to Energy Comments GHG Cap.pdf

Date and Time Comment Was Submitted: 2010-12-15 09:38:59

No Duplicates.

Comment 693 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Sofia

Last Name: Parino

Email Address: sparino@crpe-ej.org

Affiliation: CRPE

Subject: Comment Letter Opposing Cap and Trade

Comment:

Please find our comment letter attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1111-crpe_comment_letter_final.pdf'

Original File Name: CRPE comment letter FINAL.pdf

Date and Time Comment Was Submitted: 2010-12-15 09:44:24

No Duplicates.

Comment 694 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Catherine

Last Name: Mazzeo

Email Address: catherine.mazzeo@swgas.com

Affiliation: Southwest Gas Corporation

Subject: Southwest Gas Corporation's Comments on Proposed Cap-and-Trade Program and Regulation

Comment:

Attached in .pdf format are the Comments of Southwest Gas Corporation on the ARB's Proposed Cap-and-Trade Program and Regulation.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1112-swgas_comments_on_arb_cap___trade_prop._prog._and_regs.pdf'

Original File Name: SWGas Comments on ARB Cap & Trade Prop. Prog. and Regs.pdf

Date and Time Comment Was Submitted: 2010-12-15 09:35:37

No Duplicates.

Comment 695 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Chuck

Last Name: DeVore

Email Address: ChuckDeVore@aol.com

Affiliation: California State Assemblyman, 2004-2010

Subject: Economic analysis

Comment:

The ARB makes of number of seemingly contradictory economic claims.

The ARB states that its cap-and-trade regulations will reduce the growth rate of the California economy from 2.4 percent to 2.3 percent. At the same time, the ARB claims that the regulations under consideration will "not have a significant statewide adverse economic impact directly affecting businesses, and little or no impact on the ability of California businesses to compete with businesses in other states." And that, "...impacts on long-term projected growth rates in personal income and employment are similarly small." And that, "Regulated businesses may face additional indirect costs due to increased energy and input prices, and some businesses might be impacted based on the compliance path they choose to meet their obligations under the proposed regulation." And that, the "proposed regulatory action would not eliminate existing businesses within the State of California, but would affect the creation of new businesses or the expansion of existing businesses currently doing business in California. The proposed regulatory action would not eliminate jobs within the State of California, but would affect the creation of jobs within California."

It strains credulity to believe that California can act to completely reorder the energy sector and only slightly reduce economic growth, slightly increase prices and end up with more jobs, not less. Assuming this to be the case, does that mean that the ARB projects more lower paying jobs and relatively less higher paying jobs as the result of its actions? How else can a reduction of economic growth be explained as part of the ARB analysis?

Lastly, the ARB in its economic analysis states that the analysis did "...not consider the avoided costs of inaction. The potential effects of climate change that are expected to occur in California, such as increased water scarcity, reduced crop yield, sea level rise, and increased incidence of wildfires, could cause severe economic impacts." Given that California's cap-and-trade efforts, when viewed in the global context of a developing China and India, is likely to provide, at most, a day or two's reduction in greenhouse gas (GHG) emissions (and this is assuming that leakage doesn't accelerate, as more economic activity that once occurred in California is off-shored to coal-fired China), how can this statement even be seriously countenanced when, in fact, there will be no significant global GHG emissions reduction as a result of the ARB's actions? Lastly, over the past 150 years, California has

experienced "increased water scarcity, reduced crop yield, sea level rise, and increased incidence of wildfires" with three of the four directly attributable to environmental policies that have limited water storage and conveyance (increased water scarcity), cut flows of water to farms (reduced crop yield), and reduced timber harvesting and forest fuel management (increased incidence of wildfires) - the one foot rise in sea level over the past 150 years being the sole impact not caused by environmental policy, and certainly not an impact anyone in California has seen as particularly difficult in which to adapt.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 09:26:23

No Duplicates.

Comment 696 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jim
Last Name: Stewart
Email Address: Jim@earthdayla.org
Affiliation:

Subject: Send cap-and-trade regulation back for revisions required by science
Comment:

Dear California Air Resources Board,

I am speaking as a PhD physicist who has been concerned about the effects of global warming for decades.

I was impressed by the courage and vision of the Legislature and Governor to pass AB 32 and mandate the reduction of California's emissions to 1990 levels by 2020.

However, I am extremely disappointed with the proposed cap-and-trade approach you are considering at your meeting on December 16.

Because the eyes of the world are on California, you must set an example of how to reduce emissions in a way that guarantees achievement of the AB 32 goals. The science of global warming says that the planet is nearing a number of tipping points that must be avoided if we are to escape runaway temperature increase and an uninhabitable planet.

Because proposed cap-and-trade approach has been tried in Europe and completely failed, you should vote to delay this proposed cap-and-trade approach and send it back to staff to develop a regulation-based approach that can guarantee achievement of the AB 32 goals.

If you are unable to do that necessary step, you should send it back to staff to make at least the following major improvements:

1. Make all emitters pay for 100% of their greenhouse gas emissions. Pollution allowances should not be given away to oil companies and other large emitters. Allowances should be auctioned off, with the money used for clean energy, green jobs, public transit, and low-income consumers.
2. Protect the integrity of the climate program and resiliency of California's forests by: a) eliminating from the offset program clear-cutting of our forests as a way of sequestering carbon; b) adding provisions to assure that forest projects DO NOT result in the conversion of naturally managed (uneven aged forests) into clear-cut plantations (even aged forests).
3. Drastically reduce the percentage of emission reductions allowed to come from offsets and require that 100% of offsets be located in California (thus providing California jobs).

Californians support our global warming law because we want to green our state's economy, not outsource the job of reducing emissions to other states and countries.

Thank you,

Jim Stewart, PhD, 213-487-9340 Fax: 310-362-8400 Cell:
213-820-4345
1216 S. Westlake Ave.
Los Angeles, CA 90006-4118

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 09:57:20

No Duplicates.

Comment 697 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Robert
Last Name: Callahan
Email Address: robert.callahan@calchamber.com
Affiliation:

Subject: CalChamber Cap-and-Trade Regulation Comments
Comment:

To Whom it May Concern:

Please find the attached document containing the California Chamber of Commerce's comments on the ARB's adoption of a proposed cap on greenhouse gas emissions and market-based compliance mechanisms regulation, including compliance offset protocols. Please contact me at (916)444-6670 if you have any questions. Thank you.

Robert Callahan
CalChamber

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1115-calchamber_cap-and-trade_comments_-_12.15.10.pdf'

Original File Name: CalChamber Cap-and-Trade comments - 12.15.10.pdf

Date and Time Comment Was Submitted: 2010-12-15 09:56:05

No Duplicates.

Comment 698 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kate
Last Name: Horner
Email Address: khorner@foe.org
Affiliation: Friends of the Earth et al

Subject: REDD
Comment:

December 12, 2010
Mary D. Nichols Chair,
California Air Resources Board
1001 "I" Street
P.O. Box 2815
Sacramento, CA 95812

RE: Protection of Indigenous Peoples' and Local Communities' Rights
in Cap and Trade Regulation

Dear Ms. Nichols,

We appreciate the efforts of the California Air Resources Board (CARB) to develop a package of policies necessary to implement California Global Warming Solutions Act of 2006 (AB 32) and to address deforestation in developing countries. Policies aimed at reducing emissions from deforestation and degradation in developing countries can play a critical role in global efforts to fight climate change. However, we are writing to express our concern that international forest programs in the proposed regulation to establish a California cap on greenhouse gas emissions and market-based compliance mechanisms could affect the rights of some of the world's most vulnerable peoples if appropriate guidelines and safeguards are not included in the regulations.

The proposed regulation establishes a program to generate offset credits from reduced deforestation and degradation but does not include language to ensure the rights of indigenous peoples and local communities. California must ensure that the development and implementation of REDD crediting programs do not lead to negative social and environmental consequences. It is therefore vital to include clear guidance requiring the full protection of the rights of indigenous peoples and local communities. We strongly recommend that "Section 95994: Requirements for Sector-Based Offset Crediting Programs" of the cap and trade regulation be amended to include the following provision: "Rights of Indigenous Peoples and Local Communities. The program has requirements to ensure that the rights of indigenous peoples and local communities, including their rights to lands, territories and resources, are fully respected."

As the proposed regulation is currently written, California risks undermining high standards for REDD policy making currently underway in other fora. The World Bank, UN-REDD and the UN Framework Convention on Climate Change have all recognized the rights of indigenous peoples and local communities in REDD (Reduced

Emissions from Deforestation and Degradation) policies. As an early mover in REDD policy making, California must build on these efforts rather than risk undermining them.

If the rights and participation of indigenous peoples and forest dependent communities are not guaranteed in California's regulation to establish a REDD crediting program, governments are likely to view avoiding adverse social impacts and respecting rights as merely an extra implementation cost, rather than as a contribution to and prerequisite for REDD effectiveness.

Far from being a burden, however, respecting and promoting the rights and traditional knowledge of indigenous peoples and other forest-dependent local communities is an asset to any national or international effort to protect forests and biodiversity while mitigating climate change. For example, Instituto Socioambiental (ISA) has shown that Indigenous territories in the Brazilian Amazon are virtually free from deforestation. In these territories, deforestation is only 1%, compared to an average of 2% in all protected areas, 8% in state level sustainable use protected areas, and 19% outside the protected areas. Ensuring these indigenous and forest-dependent local communities' rights to land, territories and resources are vital to the long-term efficacy of REDD efforts. Therefore, we urge the Air Resources Board to include clear guidance the requiring the full protection of the rights of indigenous peoples and local communities.

We thank you very much for your consideration and look forward to working with you as the regulations for implementation of AB 32 are further developed.

Sincerely,

Asian Indigenous Women's Network
Australian Climate Justice Program
Australian Orangutan Project
Center for International Environmental Law
Civil Society Forum on Climate Justice, Indonesia
ClientEarth
Earth Day Network
FERN
Forum pour la Gouvernance et les Droits de l'Homme (FGDH), Congo
Brazzaville
Friends of the Earth
Greenpeace
Indonesian Center for Environmental Law
International Forum on Globalization
Oxfam
Rainforest Foundation, US
Rainforest Foundation, UK
Rainforest Foundation, Norway
Tebtebba - Indigenous Peoples' International Centre for Policy
Research and Education

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1116-carb_letter_on_redd_and_rights_final.pdf'

Original File Name: CARB_Letter_on_REDD_and_Rights_FINAL.pdf

Date and Time Comment Was Submitted: 2010-12-15 09:44:52

No Duplicates.

Comment 699 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Courtney

Last Name: Olive

Email Address: jcolive@bpa.gov

Affiliation: Bonneville Power Administration

Subject: Bonneville Power Administration's comments on proposed Cap & Trade regs

Comment:

Attached please find Bonneville Power Administration's comments on Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1117-12.15.10_comment_to_carb_letter.pdf'

Original File Name: 12.15.10 Comment to CARB letter.pdf

Date and Time Comment Was Submitted: 2010-12-15 09:53:42

No Duplicates.

Comment 700 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Dwayne
Last Name: Phillips
Email Address: Dwayne.Phillips@Airliquide.com
Affiliation: Air Liquide Large Industries U.S. LP

Subject: Comments of Air Liquide Large Industries U.S. LP
Comment:

Dear Ms. Nichols:

Please find attached the comments on the proposed Regulation to Implement the California Cap-and-Trade Program of Air Liquide Large Industries U.S. LP.

Very truly yours,

Dwayne Phillips
Director, Hydrogen/Syngas On-Sites Business Unit
Air Liquide Large Industries U.S. LP
1255 Treat Boulevard, Suite 300
Walnut Creek, CA 94597

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1118-air_liquide_comment_letter_re_proposed_cap-and-trade_rule.pdf'

Original File Name: Air Liquide Comment Letter Re Proposed Cap-and-Trade Rule.pdf

Date and Time Comment Was Submitted: 2010-12-15 09:16:27

No Duplicates.

Comment 701 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jennifer

Last Name: Stettner

Email Address: jen.c.stettner@conocophillips.com

Affiliation:

Subject: ConocoPhillips comments agenda Item # 10-11-1 CA Cap on GHG emissions, etc.

Comment:

Attached are ConocoPhillips comments. Please let us know if you have any questions.

Jennifer Stettner

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1120-2010-12-16_executed_lz_ltr-cop_comments_on_cap__trade.pdf'

Original File Name: 2010-12-16 Executed LZ Ltr-COP Comments on Cap Trade.pdf

Date and Time Comment Was Submitted: 2010-12-15 10:03:27

No Duplicates.

Comment 702 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kevin

Last Name: Welsh

Email Address: kwelsh@airlines.org

Affiliation: Air Transport Association of America, In

Subject: Comments on the Proposed Regulation to Implement the California Cap-and-Trade Program

Comment:

Comments attached in PDF document.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1121-ca_ab32_ata_comments_on_proposed_regulation_12-15-10.pdf'

Original File Name: CA_AB32_ATA_Comments_on_Proposed_Regulation_12-15-10.pdf

Date and Time Comment Was Submitted: 2010-12-15 10:02:37

No Duplicates.

Comment 703 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jasmin

Last Name: Ansar

Email Address: jansar@ucsusa.org

Affiliation: Union of Concerned Scientists

Subject: Letter from Economists on the Proposed Cap-And-Trade Regulations

Comment:

December 13, 2010

Chairman Nichols and Members of the Board
California Air Resources Board
1001 "I" Street
Sacramento, CA 95812

Re: Letter from Economists on the Proposed Regulation to Implement
the California Cap-and-Trade Program

Dear Chairwoman Nichols and Members of the Board:

We commend the California Air Resources Board
We commend the California Air Resources Board (CARB) for its vision and leadership in the design of the proposed cap and trade regulation. An emission cap, combined with a range of regulatory and market-based implementation mechanisms, provides clear incentives for changes in business practices and the development of new technologies. We applaud CARB for laying the groundwork for the largest carbon market in the United States.

We support the maximum use of auctioning as the method of allocating allowances

We recommend the maximum use of auctioning as the method of allocating allowances, subject to a short initial period of adjustment. Auctioning is preferable because it raises revenue for the State of California, it provides a sharper price signal, and it avoids conferring a competitive advantage on incumbent firms. We would support a modest amount of free distribution of allowances to a carefully considered subset of trade-exposed industries, subject to periodic review.

We recommend a mid-course update of the identification of sectors singled out for special treatment due to potential leakage
We support distributing free allowances only for the purpose of addressing emissions leakages associated with trade-exposed industries. However, CARB staff has noted that limitations on the availability of data and staff resources diminished the quality of the analysis that was performed to assess sectoral vulnerability. We, therefore, recommend that CARB complete a reassessment of leakage risk by 2014 and not specify how the protocol for special treatment of leakage would apply during the period 2015-2020.

We recommend returning a significant portion of the allowance value to the people of California

Although we expect the State to help finance investments designed to achieve low-cost emissions reductions, help adapt to climate impacts, help disadvantaged communities, and provide job training to acquire the skill sets needed for the new technologies and industries, the State should have flexibility in using the auction revenue.

All of California will benefit from the improved health and lower pollution levels that will result from CARB's implementation of California's landmark legislation. We believe these policies can improve our energy security, create new business opportunities and more jobs, and provide incentives for innovation.

Sincerely,

-Original Authors-

W. MICHAEL HANNEMAN, Ph.D.

Chancellor's Professor

Department of Agricultural and Resource Economics

University of California, Berkeley

Berkeley, CA

CHARLES KOLSTAD, Ph.D.

Professor of Economics

Department of Economics

Bren School of Environmental Science and Management

University of California, Santa Barbara

Santa Barbara, CA

JASMIN ANSAR, Ph.D.

Western States Climate Economist

Union of Concerned Scientists

Berkeley, CA

-Additional Signers-

MICHAEL ANDERSON, Ph.D.

Assistant Professor

Department of Agriculture and Resource Economics

University of California, Berkeley

San Francisco, CA

RICHARD ARNOTT, Ph.D.

Distinguished Professor of Economics

Department of Economics

University of California, Riverside

Riverside, CA

KENNETH ARROW, Ph.D

Stanford, CA

Nobel Laureate, Economics

BEVIN ASHENMILLER, Ph.D

Professor

Department of Economics

Occidental College

Los Angeles, CA

MAXIMILIAN AUFFHAMMER, Ph.D.
Associate Professor
Department of Agriculture and Resource Economics
University of California, Berkeley
Berkeley, CA

EDWARD BARBIER, Ph.D.
John S. Bugas Professor of Economics
Department of Economics & Finance
University of Wyoming
Laramie, WY

CLAIR BROWN, Ph.D.
Professor of Economics
Director, Center for Work, Technology, and Society
Institute for Research on Labor and Employment
University of California, Berkeley
Richmond, CA

GARDNER BROWN, Ph.D.
Professor Emeritus
Department of Economics
University of Washington
Seattle, WA

DALLAS BURTRAW, Ph.D.
Washington, DC

CHRIS BUSCH, Ph.D.
Policy Director
Apollo Alliance
San Francisco, CA

TRUDY ANN CAMERON, Ph.D.
Mikesell Professor of Environmental and Resource Economics
Department of Economics
University of Oregon
Eugene, OR

RACHEL CLEETUS, Ph.D.
Climate Economist
Union of Concerned Scientists
Cambridge, MA

BOWMAN CUTTER, Ph.D.
Claremont, CA

EIRIK EVENHOUSE, Ph.D.
Associate Professor
Department of Economics
Mills College
Piedmont, CA

MARVIN FELDMAN, Ph.D.
Principal Economist
Resource Decisions
San Francisco, CA

JAMES FINE, Ph.D.
Economist
Climate and Air Program
Environmental Defense Fund
Sacramento, CA

ANTHONY FISHER, Ph.D.
Professor
Department of Agriculture and Resource Economics
University of California, Berkeley
Orinda, CA

LEE FRIEDMAN, Ph.D.
Professor,
Goldman School of Public Policy
University of California, Berkeley
Berkeley, CA

GALLO, Ph.D.
Professor Emeritus
Department of Economics
California State University, Chico
Chico, CA

JOSHUA GRAFF ZIVIN, Ph.D.
Associate Professor of Economics
School of International Relations and Pacific Studies
University of California, San Diego
La Jolla, CA

THEODORE GROVES, Ph.D.
Professor
Department of Economics
University of California, San Diego
La Jolla, CA

STEVEN HACKETT, Ph.D.
Professor
Interim Associate Dean
Department of Economics
Humboldt State University
Arcata, CA

BRONWYN HALL, Ph.D.
Professor
Department of Economics
University of California, Berkeley
Berkeley, CA

DARWIN HALL, Ph.D.
Professor
Department of Economics
Department of Environmental Science and Policy
California State University, Long Beach
Long Beach, CA

JANE HALL, Ph.D.
Professor
Department of Economics
Co-Director, Institute of Economic and Environmental Studies

California State University, Fullerton
Laguna Beach, CA

GEOFFREY HEAL, Ph.D.
Professor
Graduate School of Business
Columbia University
New York, NY

CHARLES HOWE, Ph.D.
Professor Emeritus
Department of Economics
University of Colorado, Boulder
Boulder, CO

LEA-RACHEL KOSNIK, Ph.D.
Associate Professor
Department of Economics
University of Missouri-St. Louis
St. Louis, MO

DOUGLAS LARSON, Ph.D.
Davis, CA

NEIL LEARY, Ph.D.
Carlisle, PA

ERIN MANSUR, Ph.D.
Associate Professor
Department of Economics
Dartmouth College
Hanover, NH

WADE MARTIN, Ph.D.
Professor and Chair
Department of Economics
California State University, Long Beach
Long Beach, CA

PETER MEYER, Ph.D.
President and Chief Economist
The E.P. Systems Groups, Inc.
Covington, KY

DAVID MILLER, Ph.D.
Assistant Professor
Department of Economics
University of California, San Diego
San Diego, CA

BRUCE MIZRACH, Ph.D.
Associate Professor
Department of Economics
Rutgers University
Westfield, NJ

NERMIN NERGIS, Ph.D.
San Diego, CA

DAVID NEWBURN, Ph.D.
Assistant Professor
Department of Agricultural Economics

Texas A&M University
College Station, TX

RICHARD NORGAARD, Ph.D.
Professor
Energy and Resources Group
University of California, Berkeley
Berkeley, CA

LON PETERS, Ph.D.
Senior Energy Economist
Union of Concerned Scientists
Cambridge, MA

MICHAEL REICH, Ph.D.
Professor
Department of Economics
University of California, Berkeley
Berkeley, CA

SIOBHAN REILLY, Ph.D.
Oakland, CA

KURT SCHWABE, Ph.D.
Associate Professor of Environmental Economics and Policy
Department of Environmental Sciences
University of California, Riverside
Riverside, CA

KRISTEN SHEERAN, Ph.D.
Executive Director
E3 Network
Portland, OR

KENNETH SMALL, Ph.D.
Professor Emeritus of Economics
University of California, Irvine
Irvine, CA

JOHN SORRENTINO, Ph.D.
Associate Professor
Department of Economics
Temple University,
Glenside, PA

ROGER SPARKS, Ph.D.
Professor
Department of Economics
Mills College
Oakland, CA

SEIJI STEIMETZ, Ph.D.
Assistant Professor
Department of Economics
California State University, Long Beach
Long Beach, CA
STEVEN STOFT, Ph.D.
Berkeley, CA

WILLIAM SUNDSTROM, Ph.D.

Professor
Department fo Economics
Santa Clara University
Palo Alto, CA

SCOTT TEMPLETON, Ph.D.
Associate Professor
Department of Applied Economics and Statistics
Dept. Of Applied Economics And Statistics
Clemson University
Clemson, SC

TOM TIETENBERG, Ph.D.
Mitchell Family Professor of Economics, Emeritus
Department of Economics
Colby College
Waterville, ME

ANTHONY WESTERLING, Ph.D.
Associate Professor
Sierra Nevada Research Institute
University of California, Merced
Mariposa, CA

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 10:07:47

No Duplicates.

Comment 704 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jacqueline

Last Name: Kepke

Email Address: jkepke@ch2m.com

Affiliation: CA Wastewater Climate Change Group

Subject: Comments of the California Wastewater Climate Change Group

Comment:

Attached please find the comments of the California Wastewater Climate Change Group on the Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, Including Compliance Offset Protocols.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1124-cwccg_cap-and-trade_comments_final.pdf'

Original File Name: CWCCG_Cap-and-Trade_comments_final.pdf

Date and Time Comment Was Submitted: 2010-12-15 10:09:11

No Duplicates.

Comment 705 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: June

Last Name: Schlichter

Email Address: june3rd@hotmail.com

Affiliation:

Subject: cap and trade bill

Comment:

please do not vote for or pass the cap and trade bill...we will be watching and keeping track of who is responsible for raising our utility bills and will respond on election day if not before.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 10:16:17

No Duplicates.

Comment 706 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Roger

Last Name: Williams

Email Address: rwilliams@bluesource.com

Affiliation: Carbon Offset Providers Coalition

Subject: COPC Comments on CARB's Cap-and-Trade Regulation

Comment:

Please see COPC's attached comments letter.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1128-copc_comments_letter_re_cap-and-trade_regulation.pdf'

Original File Name: COPC Comments Letter re Cap-and-Trade Regulation.pdf

Date and Time Comment Was Submitted: 2010-12-15 10:24:13

No Duplicates.

Comment 707 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Josh
Last Name: Margolis
Email Address: jmargolis@cantorco2e.com
Affiliation: CantorCO2e

Subject: Cap and Trade Regulations
Comment:

It is recommended that CARB:

1. Eliminate buyer liability associated with offset reversals.
2. Eliminate the 8% cap on offset use for facility compliance.
3. Provide for the ability to carry forward/bank unused annual offset capacity.
4. Provide for the ability to use allowances and credits that result from shutdowns or curtailments.
5. Allocate allowances without charge throughout the duration of the program.

The implementation of these recommendations will:

1. Improve the prospects for achieving the ambitious goals of the AB 32.
2. Minimize compliance costs.
3. Reduce the likelihood of leakage.
4. Foster a more robust liquid emissions market.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1129-cantorco2e_cap_and_trade_comments_final_dec_15_2010.pdf'

Original File Name: CantorCO2e Cap and Trade comments final Dec 15 2010.pdf

Date and Time Comment Was Submitted: 2010-12-15 10:25:39

No Duplicates.

Comment 708 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Lily

Last Name: Mitchell

Email Address: l Mitchell@hanmor.com

Affiliation: Southern Calif. Public Power Authority

Subject: SCPPA comments on allowance holding limit in cap and trade regulation

Comment:

Please find attached comments of the Southern California Public Power Authority on the allowance holding limit in the proposed regulation "California Cap on Greenhouse Gas Emissions and Market-based Compliance Mechanisms".

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1130-300226001lmm12151001_holding_limit_comment_final.pdf'

Original File Name: 300226001lmm12151001 holding limit comment final.pdf

Date and Time Comment Was Submitted: 2010-12-15 10:33:06

No Duplicates.

Comment 709 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: David

Last Name: Antonioli

Email Address: dantonioli@v-c-s.org

Affiliation:

Subject: Comments on proposed cap-and-trade regulation

Comment:

Attached please find our comments on the proposed cap-and-trade regulation.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1131-vcsa_comments__proposed_carb_cap-and-trade_regulation__15_dec_2010.pdf'

Original File Name: VCSA Comments, Proposed CARB Cap-and-Trade Regulation, 15 DEC 2010.pdf

Date and Time Comment Was Submitted: 2010-12-15 10:37:05

No Duplicates.

Comment 710 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Stephen

Last Name: Orava

Email Address: sorava@kslaw.com

Affiliation: King & Spalding

Subject: Comments on Proposed Cap-And-Trade Regulation

Comment:

On behalf of the Coalition for Sustainable Cement Manufacturing and Environment ("CSCME"), please see the attached comments on the Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1133-final_cscme_comments_on_proposed_regulation.pdf'

Original File Name: FINAL CSCME Comments on Proposed Regulation.pdf

Date and Time Comment Was Submitted: 2010-12-15 10:34:19

No Duplicates.

Comment 711 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Alfred

Last Name: Picardi

Email Address: alfred.picardi@constellation.com

Affiliation: Constellation Energy

Subject: Comments : Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance

Comment:

Please find attached comments by Constellation Energy, signed by Paul J. Allen, Senior Vice President, Corporate Affairs Division, Chief environmental Officer.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1134-101214_carb_comments_final.pdf'

Original File Name: 101214_CARB_comments_final.pdf

Date and Time Comment Was Submitted: 2010-12-15 10:38:21

No Duplicates.

Comment 712 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Angus

Last Name: Crane

Email Address: acrane@naima.org

Affiliation: NAIMA

Subject: NAIMA's Comments - Proposed CA Cap on GHG Emissions

Comment:

Please find attached NAIMA's comments on the Proposed Regulation to Implement the California Cap-and-Trade Program for Greenhouse Gases.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1135-naimacomments121510carbproposalimplementcacapandtradeprogramghgs.pdf'

Original File Name:

NAIMAComments121510CARBProposalImplementCACapAndTradeProgramGHGs.pdf

Date and Time Comment Was Submitted: 2010-12-15 10:33:04

No Duplicates.

Comment 713 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Frank

Last Name: Caponi

Email Address: fcaponi@lacsdsd.org

Affiliation:

Subject: Capandtrade10

Comment:

LACSD comment letter to consider the Adoption of a Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, Including Compliance Offset Protocols.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1136-capandtrade10.pdf'

Original File Name: Capandtrade10.pdf

Date and Time Comment Was Submitted: 2010-12-15 10:40:14

No Duplicates.

Comment 714 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Sue

Last Name: Kateley

Email Address: info@calseia.org

Affiliation:

Subject: CALSEIA Comments on Proposed Cap-and-Trade Program/Regulations

Comment:

The California Solar Energy Industries Association wishes to submit the attached comments to the California Air Resources Board on its proposed Cap-and-Trade regulations.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1137-calseia_comments_on_cap_and_trade_regulations.pdf'

Original File Name: CALSEIA Comments on Cap and Trade Regulations.pdf

Date and Time Comment Was Submitted: 2010-12-15 10:42:57

No Duplicates.

Comment 715 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Angela

Last Name: Foster-Rice

Email Address: angela.foster-rice@united.com

Affiliation:

Subject: Comments to Cap and Trade

Comment:

Please see attachment.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1138-united_airlines_letter.pdf'

Original File Name: United Airlines Letter.PDF

Date and Time Comment Was Submitted: 2010-12-15 10:43:57

No Duplicates.

Comment 716 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Norm

Last Name: Benson

Email Address: norm@normbenson.com

Affiliation:

Subject: AB 32

Comment:

Cutting 100 percent of the world's CO2 emissions lowers CO2 emissions by a whopping 1.5 percent of the carbon cycle, because the rest: 210 billion metric tons per year (Source: J Christy, 2002) comes from natural processes. So, how much of an affect would cutting 100% of California's emissions have? Less than 0.15% This is bad economics and bad policy.

It's not about saving the world (except for the true believers) it's about money. Follow the incentives. Baptists and bootleggers, true believers and the buck-seekers, have banded together to make markets out of thin air with offsets or allowances.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 10:37:11

No Duplicates.

Comment 717 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: carl

Last Name: bellovich

Email Address: c.bellovich@gmail.com

Affiliation:

Subject: cap and trade

Comment:

why would you people promote regulations based on false science?
surely you don't believe we are all idiots. so, i can only surmise
that your political agenda overrides and demonstrates the miniscule
respect you have for the people of our great country. shame on
you. you should and need to be replaced for the benefit of our
prosperity. this type of policy is indicative of just how much you
hate america. i feel sorry for you.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 10:19:51

No Duplicates.

Comment 718 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kevin

Last Name: Bundy

Email Address: kbundy@biologicaldiversity.org

Affiliation: Center for Biological Diversity

Subject: Exhibits to Center for Biological Diversity Comment Letter

Comment:

Attached in zipped format are PDF copies of exhibits and references cited in the comments of the Center for Biological Diversity on the proposed cap-and-trade regulation. The comment letter itself has been uploaded separately.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1142-cbd_cap_and_trade_comments_appendix_a__exhibits__121510.zip'

Original File Name: CBD Cap and Trade Comments Appendix A (Exhibits) 121510.zip

Date and Time Comment Was Submitted: 2010-12-15 10:18:49

No Duplicates.

Comment 719 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Camille

Last Name: Kustin

Email Address: camille@betterworldgroup.com

Affiliation:

Subject: Public health recommendations for the proposed cap and trade rulemaking (revised)

Comment:

See the attached coalition letter from environmental and public health groups.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1143-public_health_cap_and_trade_letter_12-15-10.pdf'

Original File Name: Public Health Cap and Trade letter_12-15-10.pdf

Date and Time Comment Was Submitted: 2010-12-15 10:47:40

No Duplicates.

Comment 720 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Bill

Last Name: Yanek

Email Address: byanek@glasswebsite.com

Affiliation: Glass Association of North America

Subject: GANA Comments to Draft Cap and Trade Regulations

Comment:

Attached is GANA's comments to the draft cap and trade regulations.
Submitted as a high resolution PDF file.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1144-gana_comments_to_draft_cap_and_trade_regulations_-_2010.12.15.pdf'

Original File Name: GANA Comments to Draft Cap and Trade Regulations - 2010.12.15.pdf

Date and Time Comment Was Submitted: 2010-12-15 10:49:43

No Duplicates.

Comment 721 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Al

Last Name: Javier

Email Address: javiera@emwd.org

Affiliation: Eastern Municipal Water District

Subject: EMWD Comments on Cap and Trade

Comment:

Please see comments in attachment. Thank you.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1145-3582_2010-12-15_-_cc_-_ca_air_res_bd_ca_cap_and_trade.pdf'

Original File Name: 3582 2010-12-15 - CC - CA Air Res Bd CA Cap and Trade.pdf

Date and Time Comment Was Submitted: 2010-12-15 10:50:03

No Duplicates.

Comment 722 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Elvira

Last Name: Ramirez

Email Address: eramirez@ccstockton.org

Affiliation: Catholic Charities, Stockton Diocese

Subject: Cap and Trade Program

Comment:

Catholic Charities urges ARB to implement AB 32 and the Cap and Trade program to benefit all Californians, including our state's disadvantaged and vulnerable populations. We strong recommend that ARB strictly limit offsets and to require 100 percent auctions from the outset of the Cap and Trade Program. Attached are our more detailed comments. Thank you.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1146-cathcharities_comments_cap_and_trade.doc'

Original File Name: CathCharities_comments_Cap_and_Trade.doc

Date and Time Comment Was Submitted: 2010-12-15 10:49:21

No Duplicates.

Comment 723 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jeff

Last Name: Conant

Email Address: jc@globaljusticeecology.org

Affiliation: Global Justice Ecology Project

Subject: REDD and Carbon Offset Programs Will Make the Climate Crisis Worse
Comment:

As a journalist and environmental justice advocate just returning from the UN Climate Summit in Cancun, Mexico, I have deep concerns about California's participation in a REDD/carbon offset program.

What I witnessed in Cancun was widespread criticism of REDD as a strategy for addressing climate change; indeed, many indigenous peoples' groups and forest-dwelling peoples are concerned that REDD may bring about what they are calling "perhaps the largest landgrab in history".

In Cancun, many organizations, including indigenous leaders from the Amazon, youth groups, advocacy organizations like Friends of the Earth International, research organizations such as Biofuelwatch, Carbon Trade Watch, and others, as well as La Via Campesina "the largest federation of smallholder farmers in the world" were very vocal about their opposition to carbon offset programs in general, and to REDD in particular.

Tom Goldtooth, director of the Indigenous Environmental Network, was outspoken in Cancun as an ardent opponent of REDD, saying "such strategies have already proved fruitless and have been shown to violate human and Indigenous rights. Such agreements implicitly promote carbon markets, offsets, unproven technologies, and land grabs" anything but a commitment to real emissions reductions. Language "noting" rights is exclusively in the context of market mechanisms, while failing to guarantee safeguards for the rights of peoples and communities, women and youth."

Using offsets to reduce emissions on paper has multiple negative effects; on the one hand, it fails to actually reduce emissions at the source, which will allow continued toxic exposure of California communities such as those living near the Richmond refineries, Kettleman City, and other hotbeds of polluting industries. On the other hand, offset programs such as REDD use dubious standards and profoundly troubling strategies, such as offering carbon credits to agrofuel/biofuel plantations, waste-to-energy facilities, and other projects that are falsely presented as "green." Indeed, in the state of Chiapas, Mexico, biofuel plantations of *Jatropha curcas* are extending throughout regions that previously or currently are home to indigenous subsistence farmers. Such plantations "which are erroneously called "forests" under the United Nations definition" involve massive agrochemical inputs, low-wage labor, and displacement of land-based peoples; at the same time, looked at in terms of its entire lifecycle, biofuels have been shown to be just as CO₂ intensive as fossil fuels.

In order for California to truly take leadership on the environmental front, we must avoid toxic programs like REDD and carbon offsets in general, which will fail to address the problem of climate change while also leading to human rights abuses and displacement of peoples from their lands in Chiapas and throughout the global South.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1147-whyreddiswrong.pdf'

Original File Name: WhyReddIsWrong.pdf

Date and Time Comment Was Submitted: 2010-12-15 10:35:36

No Duplicates.

Comment 724 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Sierra Club Californ

Last Name: Activists

Email Address: annie.pham@sierraclub.org

Affiliation: Sierra Club California Activists

Subject: Cap-and-trade regulation

Comment:

Attached is a zip file containing letters from 3309 Sierra Club California activists regarding the upcoming hearing regarding the cap-and-trade regulation.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1148-cap-and-trade_regulation_letters.zip'

Original File Name: cap-and-trade regulation letters.zip

Date and Time Comment Was Submitted: 2010-12-15 11:01:16

3309 Duplicates.

Comment 725 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Pam

Last Name: Farly

Email Address: prfarly@sbcglobal.net

Affiliation:

Subject: Opposition of AB32

Comment:

I oppose the implementation of AB32. This will hurt CA business and will force more unemployment in CA.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 11:01:19

No Duplicates.

Comment 726 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Harlan

Last Name: Young

Email Address: hcyoung@sbcglobal.net

Affiliation:

Subject: AB32

Comment:

I urge this committee not to implement and provision of AB 32. California's are being taxed to death. The economey in California is on the verge of bankruptcy and if you implement any portion of AB32 this state may not survive.

Have you not heard of Climategate, which became known a year ago this month. The scientist on climate have been cooking the books for years. There is not such thing as global warming. The climate of this planet changes constantly, it's nature.

It is aragant to believe that man can change the climate of this great planet. This bill is all about money and lots of it going to certain people.

Please don't strap the people of this great state with more taxes.

Thank you!

P.S. The valcano that erupted this year that shut down air traffic for several days would have caused more damage than man can do, and guess what this planet survived and is doing well; no long term damage.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 10:57:47

No Duplicates.

Comment 727 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Gary

Last Name: Rynearson

Email Address: grynearson@greendiamond.com

Affiliation: Green Diamond Resource Company

Subject: Support of Cap and Trade - Forestry Protocols

Comment:

Please see attachment.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1151-support_of_cap_and_trade_-_forestry_protocols.pdf'

Original File Name: Support of Cap and Trade - Forestry Protocols.pdf

Date and Time Comment Was Submitted: 2010-12-15 10:56:37

No Duplicates.

Comment 728 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Veronica

Last Name: Hicks

Email Address: veronica@water.ca.gov

Affiliation: CA Dept of Water Resources

Subject: CDWR Comments to ARB Cap and Trade

Comment:

Submitted herein is California Department of Water Resources' comments to the ARB's Proposed Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, Including Compliance Offset Protocols.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1152-cdwr_121510_arb_cap_and_trade.pdf'

Original File Name: CDWR 121510 ARB Cap and Trade.pdf

Date and Time Comment Was Submitted: 2010-12-15 10:49:55

No Duplicates.

Comment 729 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Susan

Last Name: Stephenson

Email Address: susan@theregenerationproject.org

Affiliation: California Interfaith Power and Light

Subject: Cap and Trade program

Comment:

California Interfaith Power and Light supports the timely implementation of the Cap and Trade program and commends ARB on the release of the proposed regulation. We support many of the provisions and find that others need to be strengthened. We oppose ARB's excessive reliance on free allocations for the electricity sector. We support ARB's proposal for full auction in the transportation sector beginning in 2015. CIPL opposes the wide use of offsets as it will do nothing to improve air quality in communities where large polluters using offsets are located. CIPL also urges ARB to provide specific direction for the Community Benefits Fund and to set aside at least four percent of allowances from the industrial and electricity sectors at the beginning of the Cap and Trade program. Our more extensive comments are attached. Thank you for your consideration.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1153-cipl_cap_trade_comments.doc'

Original File Name: CIPL cap&trade comments.doc

Date and Time Comment Was Submitted: 2010-12-15 10:58:02

No Duplicates.

Comment 730 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

This comment was posted then deleted because it was unrelated to the Board item or it was a duplicate.

Comment 731 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Scott

Last Name: Hernandez

Email Address: scotth@acwa.com

Affiliation: Assoc. of California Water Agencies

Subject: ACWA Comments on Proposed Cap & Trade Regs

Comment:

Attached are ACWA's comments on the proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanism.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1155-acwa_comment_letter_ca_cap_and_trade_regs.pdf'

Original File Name: ACWA Comment Letter CA Cap and Trade Regs.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:14:04

No Duplicates.

Comment 732 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Matthew

Last Name: Hodges

Email Address: matt.hodges@valero.com

Affiliation: Valero Companies

Subject: Valero Comments, Proposed Cap and Trade Regulations

Comment:

Valero Comments, Proposed Cap and Trade Regulations

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1157-valero_comment_letter_concerning_the_draft_ab32_cap_and_trade_regulation__12-15-10.pdf'

Original File Name: Valero Comment letter Concerning the Draft AB32 Cap and Trade Regulation, 12-15-10.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:16:58

No Duplicates.

Comment 733 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Victor

Last Name: Carmichael

Email Address: vcarmichael@comcast.net

Affiliation:

Subject: Ambivlant support

Comment:

I have some misgivings about Cap and Trade as a means to address global greenhouse gas emissions. But I think it is good idea to try it. As we know it has worked on sulfur dioxide emissions and to stop acid rain. California's nation-scale economy is a good place to test it out. As usual the devil will be in the details. But go for it!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 11:14:39

No Duplicates.

Comment 734 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Brian
Last Name: Shillinglaw
Email Address: bshillinglaw@newforests-us.com
Affiliation: New Forests

Subject: Coalition comments on REDD
Comment:

Attached please find a joint statement from a number of environmental organizations, regulated entities and forest carbon project developers, which expresses shared recommendations related to sector-based credits from Reducing Emissions from Deforestation and Forest Degradation (REDD).

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1159-coalition_redd_comments_final_signed.pdf'

Original File Name: Coalition_REDD_Comments_final_signed.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:12:35

No Duplicates.

Comment 735 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Catherine
Last Name: Reheis-Boyd
Email Address: joey@wspa.org
Affiliation:

Subject: WSPA Comments on CA Cap on GHG Emissions
Comment:

Please see attached Western States Petroleum Association comments
Agenda 10-11-1, Public Hearing to Consider the Adoption of a
Proposed California Cap on Greenhouse Gas Emissions and
Market-Based Compliance Mechanisms Regulation, Including Compliance
Offset Protocols.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1160-
wspa_comments_on_ca_cap_on_ghg_final.pdf'

Original File Name: WSPA Comments on CA Cap on GHG Final.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:18:50

No Duplicates.

Comment 736 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: LeiLani
Last Name: Johnson Kowal
Email Address: leilani.johnson@ladwp.com
Affiliation: LADWP

Subject: LADWP Comments on Proposed Regulation for the AB 32 Cap-and-Trade Program
Comment:

The Los Angeles Department of Water and Power's comments on the California Air Resources Board's Proposed Regulation to implement the California Cap-and-Trade Program under AB 32 are attached to this email. If you have any questions regarding this electronic transmittal, please call me at 213-367-3023.

Thank you,
LeiLani Johnson Kowal
Legislative and Regulatory Affairs
Los Angeles Department of Water and Power

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1161-ladwp_ab_32_cap-and-trade_reg_comments_12-16-2010.pdf'

Original File Name: LADWP AB 32 Cap-and-Trade Reg Comments_12-16-2010.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:22:54

No Duplicates.

Comment 737 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Andreas

Last Name: Klugescheid

Email Address: andreas.klugescheid@bmwna.com

Affiliation: BMW Group

Subject: Cap and trade in the transportation sector.

Comment:

The BMW Group supports the implementation of a Cap and Trade system for transportation fuels in order to reflect the growing use and availability of alternative fuels such as biofuels, electricity and hydrogen. Contrary to the fuel world dominated by gasoline and diesel today, alternative fuels are produced with extremely different environmental impacts. The CO₂ balance of one kilowatt hour of electricity that comes e.g. from a coal power station differs from one that was generated by wind power significantly. Hence, in order to assess the actual CO₂ footprint of a certain fuel, there is a need for the implementation of a new system. This is particularly obvious with electricity: the CO₂ emissions of electricity generated from renewable energies, such as wind, water, or sun is in contrast to electricity generated from coal or natural gas. The environmental impacts from biofuels are also defined mainly by its production. The comparability is missing, when for example electricity and a mix of fossil diesel and bio-diesel will be competing in the future for the lowest overall emissions. A long-term political framework is needed here that will address the CO₂ reduction in the traffic sector comprehensively and in a transparent way for industry and consumer.

According to the study „Car Industry, Road Transport and an International Emission Trading Scheme“ (CITIES) developed under the direction of Professor Ottmar Edenhofer of the globally renowned Potsdam Institute for Climate Impact Research (PIK), Cap and Trade is the instrument that enables a treatment of the upstream emissions of fuels. The study was commissioned by BMW Group.

Important Results of the Study:

1. In order to reduce CO₂ emissions in the transport sector, all system participants must live up to their respective responsibility. Fuel producers must reduce the CO₂ content of their fuels; automobile manufacturers must increase the efficiency of their products.
2. The CO₂ content varies considerably depending on the production method, regardless of the type of fuel used. Automobile manufacturers have no influence on that. As a result, political instruments must be created that specifically address fuel producers and automobile manufacturers in their respective responsibilities.
3. The introduction of emission trading for fuels is not supposed to replace the regulations on CO₂ emissions for new cars. Rather it

can bring forward the additional decarbonization of the entire traffic sector in a comprehensive manner.

4. Electric cars should be credited with 0 gr/km CO₂ within the context of today's regulations on fleet consumption, since the automobile manufacturers have no control over the origin of the electricity. In the longer term, an efficiency factor (i.e. MJ/km) can be used that rates the car's energy consumption technology-neutral for all kinds of propulsion systems, regardless of the respective fuel.

5. The CO₂ content of fuels should be regulated at the level of the fuel producers, in order to increase the efficiency of the regulation and provide incentives for CO₂ reductions.

6. In the light of changing conditions on the fuel market and the related CO₂ emissions, Cap and Trade is suitable as an instrument to holistically realize the CO₂ reduction goals in the traffic sector.

The study CITIES was authored by scientists of the Technical University Berlin and the Potsdam Institute for Climate Impact Research. The department "Economics of Climate Change" at Technical University Berlin researches the relations between mobility, economics and climate change. Scientists at the Potsdam Institute for Climate Impact Research are working interdisciplinarily on researching climate change and its impacts on ecological, social and economic systems. Professor Ottmar Edenhofer, as deputy director and chief economist, heads the field of study Sustainable Solution Strategies at PIK and has a professorship at TU Berlin. He is also co-chair of the working group III of IPCC, Dr. Felix Creutzig is the Team Leader for Sustainability and Transport Economy at the Technical University Berlin and lead author of the transportation section of the upcoming IPCC report.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1162-100824_cities_final_version.pdf'

Original File Name: 100824_CITIES final version.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:26:04

No Duplicates.

Comment 738 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Lisa

Last Name: Jacobson

Email Address: ljacobson@bcse.org

Affiliation: Business Council for Sustainable Energy

Subject: Comments on draft AB32 regulations

Comment:

Comments of the Business Council for Sustainable Energy regarding the draft regulations to implement AB32 are attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1163-12.15.10_bcse_ab32_fnl.pdf'

Original File Name: 12.15.10 BCSE AB32 FNL.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:25:33

No Duplicates.

Comment 739 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Kirk
Last Name: Marckwald
Email Address: Sarah@ceaconsulting.com
Affiliation: California Railroad Industry

Subject: Railroad Comments on Cap and Trade Program
Comment:

The enclosed letter provides the comments of BNSF Railway Company and Union Pacific Railroad Company ("the Railroads") on the "Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulations," adding Article 5 (§§ 95800 et seq.) to Title 17 of the California Code of Regulations ("the Cap-and-Trade Rule" or "the Rule"), as well as the proposed "Amendment to the Regulation for Mandatory Reporting of Greenhouse Gas Emissions (Title 17, §§ 95100 et seq.) ("the MRR)". The Railroads appreciate the opportunity to comment on the Rule and the MRR, as well as the Air Resources Board's consideration of these comments.

We look forward to continuing to work cooperatively with ARB staff. Please contact me at 415-421-4213 x 12, or Sarah Weldon at 415-421-4213 x 34 if you have any questions.

Sincerely yours,

Kirk Marckwald
On Behalf of the Association of American Railroads, BNSF Railway,
and Union Pacific Railroad

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1164-12_15_2010_rr_comments_on_cap_and_trade.pdf'

Original File Name: 12_15_2010 RR Comments on Cap and Trade.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:20:11

No Duplicates.

Comment 740 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Karey

Last Name: Christ-Janer

Email Address: karey@boulder.net

Affiliation:

Subject: AB32 Implementation

Comment:

I urge you to stake a very strong and committed stance regarding the implementation of the goals of AB32A. Global warming is a critically important problem that should be addressed and I am grateful for the existence of this key legislation.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 11:16:10

No Duplicates.

Comment 741 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Melody

Last Name: LaBella

Email Address: mlabella@centralsan.org

Affiliation: Central Contra Costa Sanitary District

Subject: Central Contra Costa Sanitary District's Comments

Comment:

Attached are Central Contra Costa Sanitary District's comments on the Air Resources Board's 10/28/2010 Proposed Regulation to Implement the Cap-and-Trade Program Under AB 32.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1166-california_air.pdf'

Original File Name: California Air.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:34:40

No Duplicates.

Comment 742 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: William

Last Name: Westerfield

Email Address: wwester@smud.org

Affiliation: Sacramento Municipal Utility District

Subject: SMUD Comments re Proposed Regulation Order for Cap and Trade Regulations
Comment:

Attached please find SMUD's Comments re Proposed Regulation Order
for California Cap and Trade Regulations.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1167-carb_comments_on_cap_and_trade.pdf'

Original File Name: CARB Comments on Cap and Trade.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:32:36

No Duplicates.

Comment 743 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Charles
Last Name: White
Email Address: cwhite1@wm.com
Affiliation: Waste Management

Subject: Proposed Cap and Trade Regulations
Comment:

Dear Clerk of the Board --

Please accept the attached comments from Waste Management
pertaining to the proposed Cap and Trade regulations.

Charles White
Waste Management

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1168-carb_letter_final_12_15_10.pdf'

Original File Name: CARB letter final 12 15 10.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:08:57

No Duplicates.

Comment 744 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John

Last Name: Calka

Email Address: john_calka@praxair.com

Affiliation:

Subject: Praxair, Inc. Comments on Proposed Cap-and-Trade Regulation

Comment:

Dear Clerk of the Board,

On behalf of Praxair, Inc., please find attached comments on the Proposed Regulation Order for a California Cap-and-Trade Program.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1169-101215_praxair_carbcmts_fin.pdf'

Original File Name: 101215_Praxair_CARBCmts_fin.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:25:53

No Duplicates.

Comment 745 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Katherine

Last Name: Sims

Email Address: cisims@jelly.toast.net

Affiliation:

Subject: California's Cap and Trade Program

Comment:

Stringent regulations are essential to California's Cap and Trade program. Speculators bent on accumulating personal wealth will cloud the proposed goal of reducing emissions and therefore should absolutely not be allowed to participate.

There is little time left. The goal is to create a system of operation more in tune with a healthy environment. The focus should be to reform local operations that create the pollution. If a cap and trade system is needed to help pay for the modifications necessary then these interactions should be highly scrutinized and transparent.

To think of selling responsibility for reform elsewhere is unconscionable.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 11:29:11

No Duplicates.

Comment 746 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Brian

Last Name: Nowicki

Email Address: bnowicki@biologicaldiversity.org

Affiliation: Center for Biological Diversity

Subject: Comments of the Center for Biological Diversity

Comment:

The Center for Biological Diversity submits these comments on the proposed cap-and-trade regulation. Please see attached letter.

PDF files containing references and exhibits cited herein have been uploaded to the ARB website separately as Comment 1142.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1171-cbd_comments_re_ab_32_capandtrade_rule_12_15_10_with_appx_a.pdf'

Original File Name: CBD comments re AB 32 CapAndTrade rule 12_15_10 with appx A.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:20:48

No Duplicates.

Comment 747 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Erin
Last Name: Craig
Email Address: erin@terrapass.com
Affiliation: TerraPass Inc.

Subject: TP #2 - Detailed comments on Proposed Regulation Order
Comment:

This letter is the second of three we are submitting. This letter focuses on the details of the proposed regulation.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1172-tp_2_-_detailed_comments_on_regulation.pdf'

Original File Name: TP#2 - Detailed comments on regulation.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:39:24

No Duplicates.

Comment 748 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Brian

Last Name: Shillinglaw

Email Address: bshillinglaw@newforests-us.com

Affiliation:

Subject: New Forests' comments on forest carbon

Comment:

Attached please find New Forests' comments on the forest carbon offset provisions in the proposed regulation order.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1173-newforests_pro_comments.pdf'

Original File Name: NewForests_PRO_comments.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:27:56

No Duplicates.

Comment 749 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: William

Last Name: Herz

Email Address: wcherz@tfi.org

Affiliation:

Subject: The Fertilizer Institute's Comments to Adoption of a Proposed California Cap on GHGs

Comment:

Please see the attached comments from The Fertilizer Institute on the Adoption of a Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, Including Compliance Offset Protocols.

For further questions

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1174-tfi_comments_-_final_-_carb_n2o_abatement_protocol_acceptance_-_dec_15_2010_-_wch.pdf'

Original File Name: tfi comments - final - carb n2o abatement protocol acceptance - dec 15 2010 - wch.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:34:56

No Duplicates.

Comment 750 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Laurie

Last Name: Fitzmaurice

Email Address: laurie@ce2capital.com

Affiliation:

Subject: Proposed Regulations to Implement Cap-and-Trade
Comment:

Please see attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1176-
comment_ltr_re_ab_32_regs_dec_15_2010.pdf'

Original File Name: Comment ltr re AB 32 regs Dec 15 2010.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:43:42

No Duplicates.

Comment 751 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John
Last Name: Holladay
Email Address: doc@swdahsv.org
Affiliation: 256.880.6054

Subject: Cap and Trade Regulations
Comment:

Please see attached Comments and ten related documents.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1177-local_government_coalition_comments_and_attachments_re_cap_and_trade_regs._12.15.10.zip'

Original File Name: Local Government Coalition Comments and Attachments re Cap and Trade Regs. 12.15.10.zip

Date and Time Comment Was Submitted: 2010-12-15 11:42:15

No Duplicates.

Comment 752 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Craig

Last Name: Moyer

Email Address: cmoyer@manatt.com

Affiliation:

Subject: WIRA Comments

Comment:

Attached are WIRA's comments on the Proposed Cap and Trade Regulation.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1178-wira_ct_comment_letter_final.pdf'

Original File Name: WIRA CT Comment Letter Final.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:44:53

No Duplicates.

Comment 753 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Todd
Last Name: Schatzki
Email Address: tschatzki@analysisgroup.com
Affiliation: Analysis Group

Subject: Proposed Cap-and-Trade Rule
Comment:

Dear Chairwoman Nichols,

I appreciate the opportunity to submit the attached comments on the proposed GHG cap-and-trade system.

Sincerely,

Todd Schatzki
Vice President
Analysis Group, Inc.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1179-schatzki__analysis_group_draft_cap_and_trade_rule_comments_12-15-10.pdf'

Original File Name: Schatzki _Analysis Group_Draft Cap and Trade Rule Comments 12-15-10.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:40:27

No Duplicates.

Comment 754 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Thomas

Last Name: Carter

Email Address: tcarter@calera.com

Affiliation: Calera Corporation

Subject: Calera Comments on Proposed Rule

Comment:

Calera Corporation welcomes the opportunity to comment on the California Air Resources Board (ARB) proposal on California's market-based greenhouse gas (GHG) reduction program. Calera is an innovative carbon capture firm based in Los Gatos, California. At our demonstration plant in Moss Landing, California, we capture carbon dioxide emissions from the flue gas of an operating power plant and convert the carbon dioxide (CO₂) to carbonate (CO₃) forms. We are developing processes for cost-effectively producing both mineral carbonates for building materials—such as cement—and bicarbonates for products and/or geologic reinjection. In either case, this conversion to solid or liquid carbonate forms would be stable and not revert to carbon dioxide under anything short of apocalyptic temperature and acidity conditions.

The Governor, the California legislature, and the ARB are to be commended for taking a leadership role in the important mission of reducing GHGs and lessening man's adverse impact on global climate systems. This program promises to be a model for compliance mechanisms in other states and in the federal governments of the United States and abroad. For that reason, Calera would like to suggest a few changes that will make the regulation even more forward thinking and supportive of innovation, particularly innovative technologies born in the State.

The most effective way of maintaining stable levels of atmospheric GHG concentrations is to prevent emissions from entering the atmosphere. This can be done in one of two ways: by using less energy and energy-intensive products, or by producing energy and goods in ways that result in lower emissions. Calera's process would enable the use of domestic fossil fuel resources to create energy without the conventionally attendant GHG emissions. Unlike traditional carbon capture and storage (CCS), carbon conversion does not simply store captured CO₂ and transport it to a storage facility. It is instead a means of avoiding CO₂ emissions by converting the gas to a carbonate solid or liquid state, which is no longer a greenhouse gas and will not revert to one.

Obviously, emission reductions anywhere on the earth have the same impact in terms of atmospheric concentrations of GHGs. For this reason, Calera urges the ARB to revise the proposed cap-and-trade rule to encourage out-of-state sources to reduce emissions through any means, including conversion of greenhouse gases to non-GHG forms. This can be done through enabling such sources to sell offset to covered sources within the State.

Calera suggests, therefore, that sources outside the State of California that capture and convert their carbon dioxide gas to non-GHG forms can sell offsets for emission reductions to California sources under the cap. This will provide an incentive for California sources to encourage out-of-state emissions that might be more cost effective but have the same benefits on atmospheric concentrations as in-state reductions.

Calera would like to meet with ARB staff early in 2011 to discuss our processes and changes in the rule in more detail, but it is important that the cap-and-trade rule encourage innovations that convert greenhouse gases to stable non-GHG forms. Specifically, Calera suggests the following language changes to the Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, Including Compliance Offset Protocols:

§ 95802 (a) Definitions - add a subsection for the following definition: " 'Carbon conversion' means the generally permanent conversion of carbon dioxide to non-GHG forms, such as carbonate, calcium carbonate, magnesium carbonate, bicarbonate, and other stable chemicals that are not greenhouse gases and will not readily revert to GHG forms."

§ 95802 (a) (85) - add the following language to the end of the current definition for "greenhouse gas emission reduction": "...and shall include chemical conversion of greenhouse gases to stable non-GHG forms."

§ 95971 - add the following language to the end of the current provision on Procedures for Approval of Compliance Offset Protocols: "...and protocols related to standards from other jurisdictions, such as the Voluntary Carbon Standards or the American Carbon Registry."

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 11:44:59

No Duplicates.

Comment 755 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Vivian

Last Name: Parker

Email Address: vparker@cwo.com

Affiliation:

Subject: Forestry Protocol Regulations for Cap and Trade, AB 32

Comment:

The following attachment are my comments on the proposed Forest Protocol Compliance regulations for implementing AB 32.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1181-vp_comments_on_forestry_protocols_for_ab_32_regs.pdf'

Original File Name: VP Comments on Forestry Protocols for AB 32 Regs.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:03:56

No Duplicates.

Comment 756 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Robert

Last Name: Richards

Email Address: rrichards@kernoil.com

Affiliation: Kern Oil & Refining Co.

Subject: Cap & Trade proposed Regulation comments

Comment:

Please find attached Kern Oil & Refining comments for the proposed
Cap & Trade regulation

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1182-
kern_oil___reifining_cap__trade_comments.pdf'

Original File Name: Kern Oil & Reifining Cap &Trade comments.PDF

Date and Time Comment Was Submitted: 2010-12-15 11:36:50

No Duplicates.

Comment 757 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Nicholas

Last Name: Buxton

Email Address: Nicholasbuxton@gmail.com

Affiliation: Carbon Trade Watch

Subject: Opposition to Cap and Trade based on European Experience

Comment:

Public comment re: California Air Resources Board Considering the Adoption of a Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, Including Compliance Offset Protocols.

Carbon Trade Watch is an international collective of research-activists that has been analyzing emissions trading since 2001. We produce in-depth, accessible and concrete research on environmental and climate change from a justice-based perspective with a special focus on issues of carbon trading, forest issues, land rights and plantations. <http://www.carbontradewatch.org>

We appreciate the opportunity to comment on the draft cap and trade regulation that was issued by the California Air Resources Board on October 29, 2010.

Our comments are structured as follows:

General considerations on cap and trade

Experiences of the European Emissions Trading System (EU ETS)

General considerations on carbon offsetting

Comment on ambition levels and offsets limit

REDD sector-based offsets

1. Cap and Trade

The rationale presented for a cap and trade scheme covering 85 per cent of California's GHG emissions is that it:
establishes a price signal to drive long term investment in cleaner fuels and energy efficiency
encourages the implementation of the lowest-cost abatement first
gives flexibility to covered entities

However based on global experience of Cap and Trade schemes, these assumptions are highly questionable:

Price signal: Carbon prices are incredibly volatile and prone to major crashes - in large part because "carbon" is a commodity that does not exist as a single entity outside of the numbers displayed on trading screens. The result is that these markets emit, at best, a very weak signal. The practice of "hedging" carbon permit prices against shifts in energy prices and currency exchanges cancels out this signal altogether.

In theory, a "robust carbon price" would make dirty industry uneconomic. In practice, such a price is of a different order of magnitude to current prices - mainstream economists estimate ten times or more the €13/tonne at which it currently trades. The record of corporate lobbying to date suggests that a price ceiling would be imposed before the price came anywhere near this level.

There are more fundamental problems, too. A high and stable price would at best encourage companies to invest in changes that push the problem off their books. In the power sector, for example, this could make nuclear and biomass more competitive, since the associated greenhouse gas emissions are made elsewhere (uranium mines, plantations, and transport) - typically, outside the capped area. Nor could such a price solve the problem of "locking in" pollution.

Lowest-cost abatement first: In chasing after the cheapest short-term cuts, cap and trade tends to encourage quick fixes to patch up outmoded power stations and factories - delaying more fundamental changes.

Flexibility: A scheme that is flexible for polluters tends to dilute the environmental goal, and exacerbate social injustices. This will be illustrated in the examples below. Although the proposed regulation states that CARB will monitor the consequences of the cap and trade programme in relation to co-pollutants, the provisions offered are inadequate. This is a fundamental problem: the basis of the system is that the market chases after the cheapest abatements, and under such a scheme there is no recourse to adjust for the concentration of pollutants in "hot spots", potentially exacerbating environmental racism. We also note with particular concern the treatment of biofuels, which appear at the cheaper end of the carbon abatement curve for California.

For more information, please look at Oscar Reyes and Tamra Gilbertson, Carbon Trading - how it works and why it fails (Carbon Trade Watch/Dag Hammarskjold Foundation, December 2009)
<http://www.tni.org/carbon-trade-fails>

2. The experience of the EU Emissions Trading System

The world's largest cap and trade scheme is the European Union Emissions Trading Scheme (EU ETS). It has created a trade in European Union Allowances (EUAs), which are allocated according to National Allocation Plans, which are in turn subject to European Commission approval.

The EU ETS covers approximately 11,500 power stations, factories and refineries in 30 countries which include the 27 EU member states, plus Norway, Iceland and Lichtenstein. These account for almost half of the EU's CO₂ emissions, covering most of the largest single, static emissions sources, including power and heat generation, oil refineries, iron and steel, pulp and paper, cement, lime and glass production.

Analysis of the development of this market is very instructive in highlighting the fundamental flaws in Cap and Trade that California is likely to face as it develops its own emissions trading programs.

Corporate lobbying makes 'cap' ineffective

In the first phase of the scheme, from 2005-2008, however, far too

many emissions permits were handed out to these industries – largely as a result of intensive corporate lobbying – a practice that will almost certainly take place in California too. When the first emissions data was released in April 2006, it showed that 4 per cent more permits were handed out than the actual level of emissions within the EU. In other words, the “cap” did not cap anything, nor was it just the first year of the scheme that was overallocated. By the end of phase 1, emitters had been allowed to emit 130 million tonnes more CO₂ than they actually did, a surplus of 2.1 per cent. The price of carbon permits collapsed as a result and never recovered. From a peak of around €30, the price slid below €10 in April 2006, and below €1 in the spring of 2007.

Profits for power producers

A further major criticism leveled at the first phase of the EU ETS is that it generated huge “windfall profits” for power producers, helping them to make large unearned financial gains as a result of flaws in the rules rather than any proactive measures taken to reduce emissions through structural changes. An inquiry by the UK Parliament’s Environmental Audit Committee found that “it is widely accepted that UK power generators are likely to make substantial windfall profits from the EU ETS amounting to £500 million a year or more.”

At first glance, this seems contradictory. How can polluters profit when the value of the credits in the scheme fell to almost nothing? The answer lies in how energy companies account for the costs of the EU ETS. The costs that are indirectly passed on to consumers through an increase in wholesale energy prices do not reflect what carbon credits actually cost, but rather what the companies assume they could cost. This leaves considerable scope for overestimates. First, by assuming a larger than necessary need to buy permits or credits; second, by assuming that there will be a high carbon price; and third, by assuming the costs of replacing EUAs, irrespective of their actual use of offset credits which in any case have consistently commanded lower prices. When these assumptions turn out to be over-generous, the surplus is more often pocketed as profit rather than returned.

Polluters are rewarded, rather than forced to change behavior

The same problems of over-allocated permits and windfall profits for polluters are occurring in the second phase of the EU scheme, which runs from 2008-2012. Research by market analysts Point Carbon, for example, has calculated that the likely “windfall” profits made by power companies in phase 2 could be between €23 billion and €71 billion (and between €6 and €15 billion for UK power producers alone).

At the same time, with the majority of permits still allocated for free, the EU ETS is effectively providing a subsidy stream for highly polluting industry. The example of ArcelorMittal, the world’s largest steelmaker and the holder of the greatest surplus of EU ETS permits, is instructive. It has routinely been awarded a 25 to 35 per cent surplus of permits over and above its actual level of emissions, allowing the company to gain a subsidy of up to €2 billion since 2005. A recent Carbon Rich List survey, meanwhile, concluded that the 10 industries (mostly steel and cement companies) with the largest surplus of permits stand to gain over €3.5 billion in subsidies between 2008 and 2012.

EU's supposed emission reductions are not real

The fundamental problem of "overallocation" and avoiding necessary domestic action remains too. The EU's figures for 2008 show an overall reduction in emissions of around 50 million tonnes, but these figures were inflated by over 80 million tonnes of credits from carbon offsets, mainly from the Clean Development Mechanism (CDM) which gives credits for "emissions-saving projects" in developing countries (for more on the problems with this see below). In other words, more than the entire claimed "reduction" was generated by projects outside of Europe. As the UK's National Audit Office found, "The maximum level of allowable emissions within the EU is higher than the cap once offset credits are taken into account."

With a further surplus of permits, another price collapse in the EU ETS followed, from a peak of €31/tonne in the summer of 2008 to €8 in February 2009. The figure has since hovered between this level and €16 (to May 2010). Allocations for the second phase of the scheme were made on the assumption that European economies would keep growing. The recession has reduced output and power consumption, leaving companies with a surplus of permits. Since these were mainly given out for free, the net effect is directly opposite to the scheme's theoretical intention: polluting industries are offered a lifeline in the form of the option of cashing in their unwanted permits, while the supposed "price signal" that is meant to change their polluting ways has been neutered.

This is already storing up problems for the third phase of the EU ETS too. The main reason why the price of EUA permits in phase 2 has not collapsed to zero is that it is now possible to "bank" them - in other words, to hold onto them for use in the third phase of the scheme, which will run from 2013 to 2020.

Surplus allowances will dog carbon market

The World Bank estimates a surplus of 970 Mt CO₂e (million tonnes) by the end of phase 2. This would account for almost 40 per cent of the "reduction" that the EU claims will be required of power companies and industries covered by the ETS in phase 3 of the scheme. This figure might yet be higher if companies decide to purchase a significant number of offset credits and "bank" these too. Legally, it could rise to 1.6 billion tonnes CO₂e. In addition, companies will be allowed to purchase an additional 50 per cent of their "reductions" in the form of offsets. This overall figure masks the fact that new ETS rules will allow power producers in the UK and Germany (currently the largest buyers of emissions permits), as well as companies operating in Spain and Italy (which allowed vast quantities of offsets in phase 2) to buy far more than 50 percent of their "reductions" in the form of offsets. The net result of this could be that the EU ETS will require very few domestic emissions reductions before 2020, and quite possibly none at all.

For more information, please look at Oscar Reyes and Tamra Gilbertson, Carbon Trading - how it works and why it fails (Carbon Trade Watch/Dag Hammarskjöld Foundation, December 2009)
<http://www.tni.org/carbon-trade-fails>

3. Carbon offsetting

Carbon offsets are a means to allow companies to buy their way out of responsibility for cutting their own emissions with theoretical reductions elsewhere. The fundamental problems with this scheme

include:

Shifting responsibility: Offsetting does not reduce emissions at source, but allows companies to buy credits from elsewhere. These projects often make existing conflicts for those living near them worse. Moreover, they delay action at the emissions source.

Selling stories: Offsetting rests on "additionality" claims about what "would otherwise have happened," offering polluting companies and financial consultancies the opportunity to turn stories of an unknowable future into bankable carbon credits. The net result for the climate is that offsetting tends to increase rather than reduce greenhouse gas emissions, displacing the necessity to act in one location by a theoretical claim to act differently in another. Moreover, countries that host offset projects have a new barrier to the implementation of environmental regulations, since to do so would remove "additionality" and thereby cut off potential revenue.

Making things the same: The value of CDM projects is premised on constructing a whole series of dubious "equivalences" between very different economic and industrial practices, with the uncertainties of comparison overlooked to ensure that a single commodity can be constructed and exchanged. This does not alter the fact that burning more coal and oil is in no way eliminated by building more hydro-electric dams, planting monoculture tree plantations or capturing the methane in coal mines.

Offsets burst the cap: While cap and trade in theory limits the availability of pollution permits, offset projects are a license to print new ones. When the two systems are brought together, they tend to undermine each other – since one applies a cap and the other lifts it. Most current and proposed cap and trade schemes allow offset credits to be traded within them – including the EU Emissions Trading Scheme (EU ETS) and the cap and trade schemes being negotiated as part of the Western Climate Initiative.

Carbon offsets subsidize increased greenhouse gas emissions: One of the most frequent justifications put forward for carbon offsets is that they should ensure that the cheapest reductions are made first. In practice, these tend to be generated by loopholes and generous subsidies for the deployment of existing technologies, rather than stimulating shifts to a more sustainable future.

Up to September 2009, three-quarters of global offset credits issued were manufactured by large firms making minor technical adjustments at a few industrial installations to eliminate HFCs (refrigerant gases) and N₂O (a by-product of synthetic fibre production). It is estimated that a straightforward subsidy to regulate HFC emissions would have cost less than €100 million – yet, by 2012, up to €4.7 billion in carbon credits will have been generated by such projects. N₂O reductions also use simple, existing technologies that could have been implemented far more simply by subsidies and regulations.

A second example involves new "supercritical" coal-fired power plants, which have been eligible for CDM credits since autumn 2007 – despite the fact that coal is among the most CO₂ intensive sources of power. This sets up a perversely circular structure where, instead of envisaging a rapid transition to clean energy, the CDM is subsidising the lock-in of fossil fuel dependence through incentives for new coal-fired power stations in the South.

With the credits that these new plants will generate, the CDM is at the same time encouraging a continued reliance on coal-fired power stations in the North as well.

In this regard, it is worth noting the conclusions of the US Government Accountability Office, (<http://www.gao.gov/new.items/d09456t.pdf>): "Because additionality is based on projections of what would have occurred in the absence of the CDM, which are necessarily hypothetical, it is impossible to know with certainty whether any given project is additional."

For more information, visit Steffen Böhm and Siddhartha Dabhi, *Upsetting the Offset: The political economy of carbon trading* (University of Essex/Mayfly books, December 2009) <http://www.tni.org/tnibook/upsetting-offset>

4. Locking in a lack of ambition

The aim to return California's emissions to 1990 levels by 2020 lacks ambition, and does not respond to demands by developing countries facing climate change who are calling for wealthy states like California (that use a disproportionate amount of our global atmosphere related to global population) to reduce emissions much more radically. In particular, we note that:

"The proposed program includes provisions that would allow a maximum of 232 MMTCO₂e of offsets through the year 2020. This limit will be enforced through a limit on the use of offsets by an individual entity equal to eight percent of its compliance obligation."

This is double the initially proposed limit of 4 per cent. The problems with offsets identified above, combined with the low ambition in the overall target, leads us to expect that there will be very little obligation on participants to take action at source – the financial advantage is likely to lie in buying permits that result from over-allocation (and therefore do not represent genuine reductions) or cheap offsets from elsewhere.

Moreover, the inclusion of forestry and land use offsets in a positive list of projects fails to address questions of permanence surrounding carbon sinks, or consider the impact that the use of such sinks has in delaying the transition from a fossil-fuel based economic model.

5. REDD sector-based offsets

The inclusion of REDD sector-based offsets is an issue of particular concern. The safeguards listed (III-28) are inadequate, and gloss over a series of fundamental problems with such schemes. These will be exacerbated if the subnational Reducing Emissions from Deforestation and Forest Degradation (REDD) working group of Governors' Climate and Forests Taskforce (GCF) agrees to use REDD credits from states outside the US.

With many Indigenous Peoples' and forest-based communities having few formal titles to their land, REDD is likely to fuel property speculation, and dispossess local populations. These risks are exacerbated by the inclusion of plantations in the current standard

(UNFCCC) definition of what constitutes a forest.

Furthermore, in common with CDM, the complex accounting procedures involved in commodifying forests tends to divert resources from forestry initiatives to carbon accounting. The combination of significant uncertainties in forest carbon accounting and weak governance structures signals a capacity for large-scale fraud, and the siphoning off of funds by elite interests. A more general concern is that REDD offsets diminish the responsibility to reduce GHG emissions at source, or initiate a path away from fossil fuels in power and industrial sectors.

In this regard, we would refer you to Carbon Trade Watch, Indigenous Environment Network et al., No REDD! A Reader (<http://noredd.makenoise.org/>) and Friends of the Earth International, REDD: the realities in black and white (<http://www.foei.org/en/resources/publications/pdfs/2010/redd-the-realities-in-black-and-white>)

Submitted by:

Nick Buxton and Oscar Reyes
Carbon Trade Watch
December 15, 2010

Address:
212 Grande Avenue
Davis, California
95616

Tel: 530 902 3772
Email: nicholasbuxton@gmail.com
Website: <http://www.carbontradewatch.org>

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1183-ctwcarbcomments.doc'

Original File Name: CTWCARBcomments.doc

Date and Time Comment Was Submitted: 2010-12-15 11:36:19

No Duplicates.

Comment 758 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Erin
Last Name: Craig
Email Address: erin@terrapass.com
Affiliation: TerraPass Inc.

Subject: TP #3 - Comments on Livestock Manure Offset Protocol
Comment:

This is the third and final TerraPass comment letter.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1184-tp_3_-_comments_on_livestock_manure_protocol.pdf'

Original File Name: TP#3 - Comments on Livestock Manure Protocol.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:49:02

No Duplicates.

Comment 759 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Keith

Last Name: Adams

Email Address: adamskb@airproducts.com

Affiliation: Air Products and Chemicals, Inc.

Subject: Air Products - Comments on Proposed CARB Cap & Trade Program

Comment:

Air Products and Chemicals formal comment regarding CARB Proposed GHG Cap & Trade Rule

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1185-air_products_final_comments_-_proposed_cap_and_trade_rule_-_dec_15_2010.pdf'

Original File Name: Air Products Final Comments - Proposed Cap and Trade Rule - Dec 15 2010.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:50:03

No Duplicates.

Comment 760 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Michelle

Last Name: Freeark

Email Address: mfreeark@ssw.coop

Affiliation: Arizona Electric Power Cooperative, Inc.

Subject: Comments to the Proposed Regulation to Implement the Cap and Trade Program under AB32

Comment:

Please find attached Arizona Electric Power Cooperative, Inc. comments on the Air Resources Board's October 28, 2010 Proposed Regulation to Implement the Cap-and-Trade Program Under AB 32.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1186-aepco_12152010_comments.pdf'

Original File Name: AEPCO 12152010 Comments.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:27:21

No Duplicates.

Comment 761 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Mark
Last Name: Tussing
Email Address: mark.tussing@o-i.com
Affiliation: Owens-Illinois, Inc.

Subject: Cap and trade Comments
Comment:

Please see attached comments.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1187-12-15-10_comments_on_c_t.doc'

Original File Name: 12-15-10 comments on C&T.doc

Date and Time Comment Was Submitted: 2010-12-15 11:50:54

No Duplicates.

Comment 762 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Adrienne

Last Name: Bloch

Email Address: abloch@cbeocal.org

Affiliation: Communities for a Better Environment

Subject: Opposition to Cap and Trade Regulation

Comment:

CBE comment letter. Attachments 1-11 to follow.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1188-cbe_cap_and_trade_comments_dec_14__2010.doc'

Original File Name: CBE Cap and Trade comments Dec 14, 2010.doc

Date and Time Comment Was Submitted: 2010-12-15 11:45:06

No Duplicates.

Comment 763 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jessica

Last Name: Orrego

Email Address: jessica.orrego@equatorllc.com

Affiliation: Equator LLC

Subject: Equator LLC's comments on ARB's cap and trade regulations

Comment:

The attached letter provides Equator LLC's comments regarding ARB's proposed cap-and-trade program rules.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1189-equator_comments_to_arb_december_15_2010.pdf'

Original File Name: Equator Comments to ARB December 15 2010.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:43:02

No Duplicates.

Comment 764 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Michelle
Last Name: Mascarenhas
Email Address: michellems3@gmail.com
Affiliation:

Subject: No Offsets
Comment:

Dear ARB,

I strongly object to the proposal to adopt market-based compliance mechanisms to meet a cap on GHG emissions. And I vehemently oppose the use of offsets to comply.

Living in a region with high levels of air pollution due to the same stacks that are emitting GHGs, I want all of that pollution cut. It does not make sense to keep polluting or spewing out GHG emissions anywhere and especially in communities that have felt the impact of pollution for decades if not generations. Cut GHG emissions at the source for the full benefit of all Californians!

Secondly, I object to the forest offset concept as they are generally not based in the Free Prior and Informed Consent (FPIC) of the communities who live in the affected forests. In many countries, benefits from offsets projects will flow to the government, or to the private project developer, instead of to the communities who have managed the land for generations. This leads to inherent violations of FPIC and other human rights safeguards guaranteed through the UN Declaration on the Rights of Indigenous Peoples. It is a sham to say that forest offset programs will protect forest communities and because of that, the Indigenous Environmental Network stands in opposition to these programs.

At a minimum, the board should not vote on this proposal tomorrow as communities have not had sufficient notification. As a member of one of the coalitions that helped to stop Proposition 23 from killing AB32, I call on the board to hold off and give more time for California's communities to weigh in on the issue of market mechanisms and offsets.

Thank you,
Michelle

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 11:36:50

No Duplicates.

Comment 765 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Robert

Last Name: Lucas

Email Address: bob.lucas@calobby.com

Affiliation: CCEEB

Subject: CCEEB Comments re Proposed Regulation to Implement the Cap-and-Trade Program
Comment:

Thank you for the opportunity to comment. If you would like to discuss these comments further please call Robert Lucas at 916-444-7337.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1191-cceeb_comments_re_cap-and-trade_program.pdf'

Original File Name: CCEEB comments re Cap-and-Trade Program.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:17:24

No Duplicates.

Comment 766 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Gloria

Last Name: Britton

Email Address: gloriab@anzaelectric.org

Affiliation: Anza Electric Cooperative, Inc.

Subject: Comments to the Proposed Regulation to Implement the Cap and Trade Program under AB32

Comment:

Attached is a letter confirming Anza's support to comments submitted by Arizona Electric Power Cooperative, Inc. to the October 28, 2010 Proposed Regulation to Implement the Cap-and-Trade Program Under AB 32

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1192-anza_ltr.pdf'

Original File Name: ANZA LTR.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:53:01

No Duplicates.

Comment 767 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Josh

Last Name: Lieberman

Email Address: jlieberman@ttcorp.com

Affiliation: American Biogas Council

Subject: American Biogas Council Comments to ARB on AB 32

Comment:

Please see the attached document for the American Biogas Council's comments on AB 32.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1193-abc_comments_under_ab_32.docx'

Original File Name: ABC Comments under AB 32.docx

Date and Time Comment Was Submitted: 2010-12-15 11:13:41

No Duplicates.

Comment 768 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Steve

Last Name: Burns

Email Address: stephen.burns@chevron.com

Affiliation: Chevron Corporation

Subject: Comments on Proposed Cap and Trade Regulation

Comment:

Please see attached comments

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1194-chevron_ab_32_cap_and_trade_comments_final_12_15_10_.pdf'

Original File Name: Chevron AB 32 Cap and Trade Comments final 12 15 10 .pdf

Date and Time Comment Was Submitted: 2010-12-15 11:53:54

No Duplicates.

Comment 769 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Joseph
Last Name: Seymour
Email Address: jseymour@ttcorp.com
Affiliation: Renewable Energy Markets Association

Subject: REMA Comments to ARB on Voluntary Renewable Energy Set-Aside
Comment:

Please accept these comments on ARB's Voluntary Renewable Energy Set-Aside on behalf of the Renewable Energy Markets Association (REMA).

The comment document is in PDF format and entitled, "REMA CARB Comments 12_15_2010."

Please contact me should you have any questions or concerns regarding REMA's comment submission.

Best,

Joseph Seymour
Policy and Governmental Affairs Coordinator
Renewable Energy Markets Association
jseymour@ttcorp.com

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1195-rema_carb_comments_12_15_2010.pdf'

Original File Name: REMA CARB Comments 12_15_2010.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:50:56

No Duplicates.

Comment 770 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Adrienne

Last Name: Bloch

Email Address: abloch@cbeocal.org

Affiliation: Communities for a Better Environment

Subject: CBE comment letter attachments

Comment:

CBE comment letter attachments 1-11.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1196-cbe_comment.zip'

Original File Name: CBE Comment.zip

Date and Time Comment Was Submitted: 2010-12-15 11:56:10

No Duplicates.

Comment 771 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Susie

Last Name: Berlin

Email Address: sberlin@mccarthyllaw.com

Affiliation: Northern California Power Agency

Subject: Comments on Proposed Regulation

Comment:

Please use this corrected version of the NCPA comments. thank you.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1199-ncpa_comments_on_10-28-10_cap_and_trade_proposed_reg__final_12-15-10_.pdf'

Original File Name: NCPA Comments on 10-28-10 cap and trade proposed reg _final 12-15-10_.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:57:38

No Duplicates.

Comment 772 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Steven

Last Name: Farkas

Email Address: Sfarkas@ppcla.com

Affiliation:

Subject: Paramount Petroleum Comments

Comment:

Comments from Paramount Petroleum Corporation.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1200-carb_letter_final.pdf'

Original File Name: Carb Letter Final.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:42:54

No Duplicates.

Comment 773 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Keith

Last Name: Adams

Email Address: adamskb@airproducts.com

Affiliation: Air Products and Chemicals, Inc.

Subject: Air Products - Comments on Proposed CARB Cap & Trade Program

Comment:

Air Products and Chemicals formal comment regarding CARB Proposed
GHG Cap & Trade Rule

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1201-air_products_final_comments_-
_proposed_cap_and_trade_rule_-_dec_15_2010.pdf'

Original File Name: Air Products Final Comments - Proposed Cap and Trade Rule - Dec 15
2010.pdf

Date and Time Comment Was Submitted: 2010-12-15 11:50:03

No Duplicates.

Comment 774 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Norman
Last Name: Lippman
Email Address: nltakin@yahoo.com
Affiliation:

Subject: Comments on the Proposed Regulation to Implement the California Cap-and-Trade Program

Comment:

Chairman Mary Nichols and Members of the Board
California Air Resources Board
1001 "I" Street
Sacramento, CA 95812
Re: Comments on the Proposed Regulation to Implement the California Cap-and-Trade Program
Dear Chairman Nichols and Members of the Board:

Thank you for the opportunity to comment on the proposed California cap-and-trade regulation., I commend CARB for work on this regulation. I offer suggestions on how CARB can improve the aspects of the program within the proposed framework relating to REDD(reducing emissions from deforestation and forest degradation in developing countries; and the role of conservation, sustainable management of forests and enhancement of forest carbon stocks in developing countries).

AS ." AB 32 requires that the reductions be real, permanent, quantifiable, verifiable, and enforceable. The REDD program must established and incorporated an effective public participation and participatory management process that provides for the consultation and full involvement of forest-dependent communities in affected areas during the planning, design, implementation, monitoring, and evaluation of program activities. establishing a REDD model for subnational programs that is of high quality and replicable.

I ask CARB to incorporate the following recommendations:

1. That a Board approved REDD sector-based crediting programs should require that within the Subnational REDD Program resource rights be made statutory and binding for all indigenous people and other forest peoples whose rights do not conflict with the rights of adjoining indigenous peoples.

2. The Board review a World Bank analysis of the importance of land tenure to REDD+.

The World Bank states about,"the role of community-owned forests in carbon sequestration ..." That"...the larger the forest area under community ownership the higher the probability for better biodiversity maintenance, community livelihoods and carbon sequestration."

"The growing evidence that communities and households with secure tenure rights protect, maintain and conserve forests is an

important consideration for the world's climate if REDD schemes go forward, and even if they do not."

...The cost range of recognizing community tenure rights (average \$3.31/ha) is several times lower than the yearly costs estimates for ... an international REDD scheme (\$400/ha/year to \$20,000/ha/year)..." " ... a relatively insignificant investment in recognizing tenure rights has the potential to significantly improve the world's carbon sequestration and management capacity..." " ... prioritizing policies and actions aimed at recognizing forest community tenure rights can be a cost-effective step to improve the likelihood that REDD programs meet their goals. World Bank SOCIAL DEVELOPMENT WORKING PAPERS Paper No. 120/December 2009.

3. The Standards Committee has developed Standards for design and implementation of REDD. These standards could assist in the Setting a Framework and Criteria for Subnational REDD Programs. SEE <http://www.climate-standards.org/redd+/>

Using "-a Board approved REDD sector-based crediting programs" is laudable goal as presented in Staff Report: Initial Statement of Reasons (ISOR) but current draft of Draft decision [-/CP.16] "Outcome of the work of the Ad Hoc Working Group on long-term Cooperative Action under the Convention" will not effectively sequester carbon and could further impoverish forest communities and their forests. Nor will REDD achieve numerous criteria set in the ISOR

The rule of law is a prerequisite for sustainable forest management. I learned this while filming and interviewing Aristeo Blanco, a member of a Mexican tropical forestry community that has managed and marketed certified eco friendly products for over 16 years.

Standing in his community's towering bio diverse forest, Aristeo patted a huge mahogany tree laden with vines and bromeliads. He explained that it takes over 85 years for it to get that big and ready to harvest. But, if his family doesn't have the security that their forest will remain theirs, how can they or their descendants plan to benefit from growing trees. Instead they'll fell and burn them so they can plant crops, which they are more likely to harvest. Even with their land title, if they do not have the right to negotiate for their sustainable lumber's fair price, then they can not afford the cost to manage its growth and regeneration for an 85 years life cycle. But because they have community title to their forest, human rights and economic incentives, they are managing and protecting it for the long term.

This is a rarity. Living on Earth reports that "governments own about 75 percent of the world's forests, less than ten percent legally belong to communities. In Indonesia, 65 million people live off forests—most of them have no official rights to the land they consider theirs. In the eyes of the Forestry Ministry, they're squatters occupying a national resource." Governments have not protected these forests as effectively as people, like Aristeo, who are on a level legal playing field. England's Telegraph posted, "Illegal logging in Brazil. 13 million hectares (50,000 square miles) of forest are cut down each year - the equivalent of the size of England - to provide timber or make way for grazing."

Those who have title and benefit from their forests have a stake in

their future and are the most likely to protect them. Governments have not protected these forests as effectively as those few forest peoples, that have human and tenure rights, and can depend on and defend their forest. Rights we take for granted but now must be extended to forest people. One of the most cost and environmentally effective next steps will be to stipulate that prior to REDD+ funding human rights and resource tenure be enforced statutory rights.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 12:00:48

No Duplicates.

Comment 775 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Nidia

Last Name: Bautista

Email Address: nidia@coalitionforcleanair.org

Affiliation: Coalition for Clean Air

Subject: Comments on Cap-and-Trade Program

Comment:

Attached are joint comments on behalf of NAACP, Greenlining Institute and Coalition for Clean Air.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1203-arb_cbf_dec_bd_mtg_proposal.doc'

Original File Name: ARB CBF Dec Bd Mtg proposal.doc

Date and Time Comment Was Submitted: 2010-12-15 12:01:42

No Duplicates.

Comment 776 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Ron

Last Name: Halik

Email Address: Ron.Halik@CPKelco.com

Affiliation:

Subject: Coments on Proposed Cap & Trade Regulations

Comment:

Please see attached letter.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1204-arb_ca_cap_and_trade.pdf'

Original File Name: ARB CA Cap and Trade.pdf

Date and Time Comment Was Submitted: 2010-12-15 12:00:39

No Duplicates.

Comment 777 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Michael
Last Name: Feinstein
Email Address: mfeinstein@feinstein.org
Affiliation: Green Party

Subject: Allowance Allocations as part of Proposed Regulation to Implement Cap-and-Trade Comment:

I am writing to you from México, where I have been in Cancun during the recently concluded COP16 climate change negotiations. After attending the COP14 in Bali in 2007, where there was great hope that the post-Kyoto process would lead to binding international GHG reduction targets, the non-binding, minimal-at-best results of Cancun provide little hope that necessary action will occur first on the national and supra-national levels. Therefore, to deal with the already present global climate change catastrophe, we must act forcefully at the state and local levels. This is where the proposal in front of CARB to grant free allocations to industry fails miserably.

I am a Green Party member. As Greens, we favor a True Cost Pricing approach to economics, where the price of goods and services embody their true environmental costs. Sending environmentally accurate price signals to consumers helps them make environmentally-friendly choices, while rewarding companies that act more environmentally sound.

In terms of carbon pricing, Greens generally favor carbon taxes over cap-and-trade schemes, because carbon taxes provide the most direct path to internalizing carbon costs and also provide more predictability in cost, are simpler and faster to implement, and are less open to manipulation through the political, legislative and/or regulatory process.

For these reasons, many Greens are extremely disappointed in the CARB staff recommendation to implement a cap-and-trade scheme instead of a carbon tax. Nowhere could this be more clear than in our opposition to the staff's recommendations to grant free allocations to covered industry (<http://www.cagreens.org/press/pr101214.shtml>).

The relevant issue with these free allocations is not leakage risk, but whether California can provide leadership by showing that an economic model that honestly and fully internalizes the environmental costs of burning carbon can work for consumers and producers.

Research has demonstrated that even with no free allowances, and even for energy-intensive industries, changes in retail electricity prices are likely to be small. California led the way to national emission control reductions in 1970 by implementing its Catalytic Converter law, by showing that consumers were willing to pay a little more for environmental protection. We can do it again now on

GHG emission reductions, but not if we give away the right to emit for free.

The irony in the rationale to grant free allocations is as the staff report states, "Free allocation needed to minimize leakage will be maintained until adoption of equivalent carbon-pricing policies by other jurisdictions eliminates the leakage risk." Is 'waiting for others' what leadership is all about?

Putting aside that the political conditions which led to the adoption of AB32 in California may not even be present in other states for some time, what happens if other states actually do adopt the same model as California? Since the proposed free allocation model fails to accurately internalize carbon costs, we will then have proved little about industries' actual ability to truly adapt to such costs, and therefore only have delayed needed and sufficient action to our planetary crisis.

The absurdity of this free allowance is exactly why many Greens tends to favor carbon taxes over cap-n-trade, and why if the CARB board adopts the staff recommendation, it would be an abdication of historic proportion of our state's environmental leadership role. Given the size of California's economy as the eighth largest in the world, we have the opportunity to demonstrate that nations, not just states, can prosper with fully internalized carbon-burning costs.

In the post COP16 world, we desperately need such an example. Therefore I urge you to rise to the occasion and seize this opportunity for global leadership. Please eliminate the free allowances from the regulations governing the cap-and-trade program you approve.

Sincerely

Michael Feinstein
Co-chair, Green Party of the United States
Former Mayor and City Councilmember, Santa Monica, California
www.gp.org/committees/steering/sc-bios/Mike-Feinstein.php

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 11:48:44

No Duplicates.

Comment 778 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Bill

Last Name: Magavern

Email Address: Non-web submitted comment

Affiliation:

Subject: Sierra Club California

Comment:

Please see attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1207-sierra_club.pdf'

Original File Name: Sierra Club.pdf

Date and Time Comment Was Submitted: 2010-12-15 15:11:00

No Duplicates.

Comment 779 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Alex

Last Name: Rau

Email Address: alexander.rau@climatewedge.com

Affiliation:

Subject: Climate Wedge

Comment:

Please see attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1209-climate_wedge.pdf'

Original File Name: Climate Wedge.pdf

Date and Time Comment Was Submitted: 2010-12-15 15:49:29

No Duplicates.

Comment 780 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: James

Last Name: Hendry

Email Address: jhendry@sfgwater.org

Affiliation:

Subject: San Francisco Public Utilities Commission

Comment:

Please see attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1210-san_francisco.pdf'

Original File Name: San Francisco.pdf

Date and Time Comment Was Submitted: 2010-12-15 15:49:29

No Duplicates.

Comment 781 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Bob

Last Name: Dinneen

Email Address: GCooper@ethanolrfa.org

Affiliation:

Subject: Renewable Fuels Association

Comment:

Please see attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1211-bob.pdf'

Original File Name: Bob.pdf

Date and Time Comment Was Submitted: 2010-12-15 15:49:29

No Duplicates.

Comment 782 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Holly
Last Name: Mines
Email Address: hymines@yahoo.com
Affiliation:

Subject: Comments on Cap and Trade hearing on Dec. 16, 2010
Comment:

Please do not use Clear Cutting as a solution to Climate Change!

"Improved forest management practices" couldn't possibly be interpreted as clear cutting. Apparently, members of the CA ARB don't live in areas where clearcutting takes place to witness its unsightly devastation: soil erosion, slash burning, and heavy applications of herbicides which run into nearby streams. These practices were not adequately taken into account when calculations on carbon sequestration analysis was done.

Our forests are the lungs and filters for CA's diminishing air and water resources. I strongly urge you to reconsider this proposal and vote NO on 12/16. Please do not allow big polluters such as cement kilns, power plantst and refineries to avoid their own emissions reductions by purchasing highly questionable clearcut credits. Please protect both our forest and our climate by eliminating clear cutting from the offset program and assuring that natural management of forest projects do not turn into clear cuts!

Sincerely, Holly Mines, Rail Road Flat, CA 95248 (neighbor of many SPI clear cuts which have already taken place and are scheduled in the near future!)

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-15 15:49:29

No Duplicates.

Comment 783 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Robert

Last Name: Hassebrock

Email Address: venthasse9@yahoo.com

Affiliation:

Subject: Climate Change Notes

Comment:

Please see attached

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1213-robert.docx'

Original File Name: Robert.docx

Date and Time Comment Was Submitted: 2010-12-15 15:49:29

No Duplicates.

Comment 784 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Eric
Last Name: Wong
Email Address: eWong@icfi.com
Affiliation:

Subject: California Clean DG Coalition
Comment:

Please see attached

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1214-eric_wong.doc'

Original File Name: Eric Wong.doc

Date and Time Comment Was Submitted: 2010-12-15 15:49:29

No Duplicates.

Comment 785 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Christine

Last Name: Kehoe

Email Address: Non-web submitted comment

Affiliation:

Subject: California State Senate

Comment:

Please see attached

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1215-christine.pdf'

Original File Name: Christine.pdf

Date and Time Comment Was Submitted: 2010-12-15 15:49:29

No Duplicates.

Comment 786 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John

Last Name: Reaves

Email Address: john@lawreaves.com

Affiliation:

Subject: Cap and Trade

Comment:

Please see attached

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1216-john.pdf'

Original File Name: John.pdf

Date and Time Comment Was Submitted: 2010-12-15 16:56:22

No Duplicates.

Comment 787 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Tyson

Last Name: Eckerle

Email Address: mbrown@einow.org

Affiliation:

Subject: Energy Independence Now

Comment:

Please see attached

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1217-tyson.docx'

Original File Name: Tyson.docx

Date and Time Comment Was Submitted: 2010-12-15 16:56:22

No Duplicates.

Comment 788 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Erin
Last Name: Phillips
Email Address: ephillips004@student.butte.edu
Affiliation:

Subject: NO MORE!
Comment:

Board Members,

NO MORE REGULATIONS! PLEASE, ARE WE NOT THE MOST ENVIRONMENTALLY REGULATED COUNTRY (AND STATE) ON EARTH? WHY MORE?

It is so obvious to me that the cap and trade legislation is little about the environment and more about CONTROL. In the aftermath of such a historical midterm election for the nation, with such an obvious underlying theme of constitutionally limited government, why push this through?? Our economy has the potential to affect the entire nation. CALIFORNIA IS SO VULNERABLE. And amongst the holiday season too? You should be ashamed of yourselves. This is not the time for urgency.

This legislation will no doubt encourage inflation as the commodities we depend on most increase in price. Jobs, businesses, lives, families... can you even begin to understand the scope of destruction your legislation might have? Do you care?

I am a native Californian and I love this state. Thank you for taking a moment to review my message. I look forward to hearing your comments in the public hearings later this week.

Sincerely,

Erin Phillips

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-13 12:17:16

No Duplicates.

Comment 789 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: chester

Last Name: bryant

Email Address: dhobi2361@mypacks.net

Affiliation:

Subject: Per NASA to save the earth from ice the earth needs more co2 not less

Comment:

NASA earth science has just come out with a paper that indicates that the earth is moving into a new ice age and that man made co2 is the only thing that can slow down the coming ice age. This means we need more co2 not less if we are to prevent the destructive forces of a new ice age which would blanket the earth in glaciers which is very bad for the future of the human race. Given this new data from NASA PLEASE stop all your efforts to reduce CO2 as CO2 is the only thing that can keep the planet green and free the earth of ice !!!

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 09:51:51

No Duplicates.

Comment 790 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Gary

Last Name: Hill

Email Address: garyjil@prodigy.net

Affiliation:

Subject: Cap & Trade

Comment:

Cap & Trade means Cap & Tax

The Federal Government and many States have "backed off" on Cap & Trade. Why would California want to proceed with this devastating job killer???

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-12-14 09:41:56

No Duplicates.

Comment 791 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Nancy

Last Name: Skinner

Email Address: Non-web submitted comment

Affiliation:

Subject: Assembly California Legislature

Comment:

Please see attached.

Attachment: 'www.arb.ca.gov/lists/on-offroad10/172-skinner.pdf'

Original File Name: Skinner.pdf

Date and Time Comment Was Submitted: 2010-12-15 17:15:10

No Duplicates.

Comment 792 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: John

Last Name: Donnelly

Email Address: Non-web submitted comment

Affiliation:

Subject: Sonoma's First Congregational Church

Comment:

Please see attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1257-john.pdf'

Original File Name: John.pdf

Date and Time Comment Was Submitted: 2010-12-21 10:00:07

No Duplicates.

Comment 793 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Natalie

Last Name: Reed

Email Address: Non-web submitted comment

Affiliation:

Subject: Oppose Cap and Trade

Comment:

Please see attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1258-natalie.pdf'

Original File Name: Natalie.pdf

Date and Time Comment Was Submitted: 2010-12-21 10:00:07

No Duplicates.

Comment 794 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Doug

Last Name: La Malfa

Email Address: Non-web submitted comment

Affiliation:

Subject: California State Senate

Comment:

Please see attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1259-doug.pdf'

Original File Name: doug.pdf

Date and Time Comment Was Submitted: 2010-12-21 10:00:07

No Duplicates.

Comment 795 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Sara
Last Name: Fastenberg
Email Address: saraf@mckinstry.com
Affiliation:

Subject: McKinstry
Comment:

Please see attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1260-mckinstry.pdf'

Original File Name: mckinstry.pdf

Date and Time Comment Was Submitted: 2010-12-21 10:00:07

No Duplicates.

Comment 796 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Robert

Last Name: Hrubes

Email Address: TFrank@scscertified.com

Affiliation:

Subject: Scientific Certification Systems

Comment:

Please see attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1261-robert_hruber.pdf'

Original File Name: Robert Hrubes.pdf

Date and Time Comment Was Submitted: 2010-12-21 10:00:07

No Duplicates.

Comment 797 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Angelika

Last Name: Villagrana

Email Address: avillagrana@sdchamber.org

Affiliation:

Subject: San Diego Regional Chamber of Commerce

Comment:

Please see attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1262-angelika.docx'

Original File Name: Angelika.docx

Date and Time Comment Was Submitted: 2010-12-21 11:00:10

No Duplicates.

Comment 798 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

This comment was posted then deleted because it was unrelated to the Board item or it was a duplicate.

Comment 799 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Lee

Last Name: Blakemore

Email Address: Non-web submitted comment

Affiliation:

Subject: Cap and Trade will utterly destroy (comment postmarked 12-9-10)

Comment:

Please see attached.

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1265-lee_blakemore.pdf'

Original File Name: Lee Blakemore.pdf

Date and Time Comment Was Submitted: 2011-01-14 10:38:07

No Duplicates.

Comment 800 for California Cap-and-Trade Program (capandtrade10) - 45 Day.

First Name: Jack

Last Name: Broadbent

Email Address: Non-web submitted comment

Affiliation:

Subject: Bay Area Air Quality Management District

Comment:

Please see attached.

Attachment: 'www.arb.ca.gov/lists/ghg2010/47-broadbent.pdf'

Original File Name: Broadbent.pdf

Date and Time Comment Was Submitted: 2010-12-22 11:27:46

No Duplicates.

Comment 801 for California Cap-and-Trade Program (capandtrade10) - Non-Reg.

First Name: Debra

Last Name: Man

Email Address: dman@mwdh2o.com

Affiliation: Metropolitan Water District

Subject: Metropolitan Water District Comments on Cap and Trade Regulation

Comment:

Metropolitan Water District is resubmitting our most recent comment letter on the Cap and Trade Regulation, and I will be speaking at the Board hearing on October 20th. If possible, I would prefer a morning time slot for my testimony.

Debra Man

Metropolitan Water District

Assistant General Manager & Chief Operating Officer

Attachment: 'www.arb.ca.gov/lists/capandtrade10/1696-mwd_comments_carb_2nd_15_day_modifications_to_cap_and_trade_language_comments__final__2_.jksign.pdf'

Original File Name: MWD Comments CARB 2nd 15 Day Modifications to Cap and Trade Language Comments (FINAL) (2).jksign.pdf

Date and Time Comment Was Submitted: 2011-10-12 12:17:56

No Duplicates.

Comment 802 for California Cap-and-Trade Program (capandtrade10) - Non-Reg.

First Name: Comment Letters

Last Name: Miscellaneous

Email Address: Non-web submitted comment

Affiliation:

Subject: General Cap and Trade Comments

Comment:

These comments have been submitted through the online docket system. However, they are not specifically related to the non-regulatory notice on Cap and Trade, as stated in the Notice dated October 10, 2011.

TO LOCATE THE GENERAL/MISCELLANEOUS CAP AND TRADE COMMENTS RECEIVED, PLEASE REFER TO THE COMMENT LOG AND CLICK ON THE NUMBER IN THE FAR RIGHT COLUMN.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2011-10-12 14:04:03

1 Duplicates.

Comment 1 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Brent

Last Name: Erickson

Email Address: Non-web submitted comment

Affiliation:

Subject: Biotechnology Industry

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1222-brent_erickson.pdf

Original File Name: Brent Erickson.pdf

Date and Time Comment Was Submitted: 2010-12-20 14:09:50

No Duplicates.

Comment 2 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Bill

Last Name: Snyder

Email Address: bill.snyder@fire.ca.gov

Affiliation:

Subject: Department of Forestry and Fire Protection

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1223-bill_snyder.pdf

Original File Name: Bill Snyder.pdf

Date and Time Comment Was Submitted: 2010-12-20 14:09:50

No Duplicates.

Comment 3 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Tod

Last Name: Delaney

Email Address: Non-web submitted comment

Affiliation:

Subject: First Environment

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1224-tod_delaney.pdf

Original File Name: Tod Delaney.pdf

Date and Time Comment Was Submitted: 2010-12-20 14:09:50

No Duplicates.

Comment 4 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Jill

Last Name: Whynot

Email Address: Non-web submitted comment

Affiliation:

Subject: SCAQMD

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1225-jill_whynot.pdf

Original File Name: Jill Whynot.pdf

Date and Time Comment Was Submitted: 2010-12-20 14:09:50

No Duplicates.

Comment 5 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Norman

Last Name: Plotkin

Email Address: Non-web submitted comment

Affiliation:

Subject: Plotkin Zins

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1226-norman_plotkin.pdf

Original File Name: Norman Plotkin.pdf

Date and Time Comment Was Submitted: 2010-12-20 14:09:50

No Duplicates.

Comment 6 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: David

Last Name: Bischel

Email Address: cfa@foresthealth.org

Affiliation:

Subject: California Forestry Association

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1227-bischel.pdf

Original File Name: Bischel.pdf

Date and Time Comment Was Submitted: 2010-12-20 14:09:50

No Duplicates.

Comment 7 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Luke

Last Name: Breit

Email Address: Non-web submitted comment

Affiliation:

Subject: Forests Forever

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1228-luke_breit.pdf

Original File Name: Luke Breit.pdf

Date and Time Comment Was Submitted: 2010-12-20 14:09:50

No Duplicates.

Comment 8 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: George

Last Name: Gentry

Email Address: Non-web submitted comment

Affiliation:

Subject: Board of Forestry and Fire Protection

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1229-george_gentry.pdf

Original File Name: George Gentry.pdf

Date and Time Comment Was Submitted: 2010-12-20 14:09:50

No Duplicates.

Comment 9 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Alex

Last Name: Jackson

Email Address: Non-web submitted comment

Affiliation:

Subject: Natural Resource Defense Council

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1230-alex_jackson.pdf

Original File Name: Alex Jackson.pdf

Date and Time Comment Was Submitted: 2010-12-20 14:09:50

No Duplicates.

Comment 10 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Stephanie

Last Name: Williams

Email Address: Non-web submitted comment

Affiliation:

Subject: International Warehouse Logistics Association

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1231-stephanie_williams.pdf

Original File Name: Stephanie Williams.pdf

Date and Time Comment Was Submitted: 2010-12-20 14:09:50

No Duplicates.

Comment 11 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Jeanne

Last Name: Merrill

Email Address: Non-web submitted comment

Affiliation:

Subject: CalCan

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1232-jeannie_merrill.pdf

Original File Name: Jeannie Merrill.pdf

Date and Time Comment Was Submitted: 2010-12-20 14:09:50

No Duplicates.

Comment 12 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Julee

Last Name: Malinowski-Ball

Email Address: Non-web submitted comment

Affiliation:

Subject: California Biomass Energy Alliance

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1233-julee_malinowski.pdf

Original File Name: julee Malinowski.pdf

Date and Time Comment Was Submitted: 2010-12-20 14:09:50

No Duplicates.

Comment 13 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Marily

Last Name: Woodhouse

Email Address: Non-web submitted comment

Affiliation:

Subject: Sierra Club

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1234-woodhouse.pdf

Original File Name: Woodhouse.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:03:53

No Duplicates.

Comment 14 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Susan

Last Name: Robinson

Email Address: Non-web submitted comment

Affiliation:

Subject: Battle Creek Alliance

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1235-susan_robinson.pdf

Original File Name: Susan Robinson.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:03:53

No Duplicates.

Comment 15 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Calla

Last Name: Ostrander

Email Address: johanna.partin@sfgov.org

Affiliation:

Subject: Mayor of San Francisco

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1236-calla_ostrander.pdf

Original File Name: Calla Ostrander.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:03:53

No Duplicates.

Comment 16 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Chris

Last Name: Mertens

Email Address: tim.anderson@scwa.ca.gov

Affiliation:

Subject: Sonoma County Water Agency

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1237-chris.pdf

Original File Name: chris.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:03:53

No Duplicates.

Comment 17 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Catherine

Last Name: White

Email Address: Non-web submitted comment

Affiliation:

Subject: Central Valley Air Quality Coalition

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1238-catherine_white.pdf

Original File Name: Catherine White.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:32:30

No Duplicates.

Comment 18 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Tim

Last Name: Feller

Email Address: Non-web submitted comment

Affiliation:

Subject: Forester

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1239-tim_feller.pdf

Original File Name: Tim Feller.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:32:30

No Duplicates.

Comment 19 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Laura

Last Name: Baker

Email Address: Non-web submitted comment

Affiliation:

Subject: CRPE, CBD & CBE

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1240-baker.pdf

Original File Name: Baker.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:32:30

No Duplicates.

Comment 20 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Merita

Last Name: Callaway

Email Address: merita9@comcast.net

Affiliation:

Subject: Calaveras County Supervisor

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1241-merita_callaway.pdf

Original File Name: Merita Callaway.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:32:30

No Duplicates.

Comment 21 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Edward

Last Name: Murphy

Email Address: Non-web submitted comment

Affiliation:

Subject: Forest

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1242-edward_murphy.pdf

Original File Name: Edward Murphy.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:32:30

No Duplicates.

Comment 22 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Ciyin

Last Name: Oliveira

Email Address: Non-web submitted comment

Affiliation:

Subject: Clearcutting Poem

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1243-ciyin_oliveira.pdf

Original File Name: Ciyin Oliveira.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:32:30

No Duplicates.

Comment 23 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Mahaia

Last Name: Sol

Email Address: Non-web submitted comment

Affiliation:

Subject: Against Clearcuts

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1244-mahia_sol.pdf

Original File Name: Mahia Sol.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:32:30

No Duplicates.

Comment 24 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Frank

Last Name: Harris

Email Address: Non-web submitted comment

Affiliation:

Subject: Public Utilities

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1245-frank_harris.pdf

Original File Name: Frank Harris.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:32:30

No Duplicates.

Comment 25 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Robert (Bob)

Last Name: Stockton

Email Address: rstockton@rickengineering.com

Affiliation:

Subject: Rick Engineering Company

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1246-bob_stockton.pdf

Original File Name: Bob Stockton.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:32:30

No Duplicates.

Comment 26 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Dale

Last Name: Backlund

Email Address: Non-web submitted comment

Affiliation:

Subject: Dow Chemical Company

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1247-dale_backlund.pdf

Original File Name: Dale Backlund.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:32:30

No Duplicates.

Comment 27 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Roger

Last Name: Dickinson

Email Address: Non-web submitted comment

Affiliation:

Subject: Assembly Member

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1248-roger_dickinson.pdf

Original File Name: Roger Dickinson.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:32:30

No Duplicates.

Comment 28 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Susan

Last Name: Frank

Email Address: breanda@catercommunications.com

Affiliation:

Subject: California Business Alliance for a Green Economy

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1249-susan_frank.pdf

Original File Name: Susan Frank.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:32:30

No Duplicates.

Comment 29 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Camille

Last Name: Kustin

Email Address: Non-web submitted comment

Affiliation:

Subject: Organizations

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1250-camille_kustin.pdf

Original File Name: Camille Kustin.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:32:30

No Duplicates.

Comment 30 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Sharon

Last Name: Banks

Email Address: Non-web submitted comment

Affiliation:

Subject: Cascade Sierra Solutions

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1251-sharon_banks.pdf

Original File Name: Sharon Banks.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:58:30

No Duplicates.

Comment 31 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: James

Last Name: Brady

Email Address: jbrady@con10u.com

Affiliation:

Subject: Atmospheric Water Systems, Inc.

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1252-james_brady.pdf

Original File Name: James Brady.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:58:30

No Duplicates.

Comment 32 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: James

Last Name: Hendry

Email Address: jhendry@sfgwater.org

Affiliation:

Subject: SF Public Utilities

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1253-james_hendry.pdf

Original File Name: James Hendry.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:58:30

No Duplicates.

Comment 33 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Gary

Last Name: Grimes

Email Address: ggrimes@ppcla.com

Affiliation:

Subject: Paramount Petroleum

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1254-gary_grimes.pdf

Original File Name: Gary Grimes.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:58:30

No Duplicates.

Comment 34 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Karen

Last Name: Klinger

Email Address: Non-web submitted comment

Affiliation:

Subject: Sacramento Real Estate Broker

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1255-karen_klinger.pdf

Original File Name: Karen Klinger.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:58:30

No Duplicates.

Comment 35 for California Cap-and-Trade Program (capandtrade10). (At Hearing)

First Name: Joe

Last Name: Liszewski

Email Address: Non-web submitted comment

Affiliation:

Subject: California ReLeaf

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1256-joe.pdf

Original File Name: Joe.pdf

Date and Time Comment Was Submitted: 2010-12-20 15:58:30

No Duplicates.

Comment 1 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Susan

Last Name: Morse

Email Address: susiemorse@comcast.net

Affiliation:

Subject: Carbon Tax, not Cap and Trade

Comment:

I strongly support the use of a carbon tax model, in lieu of cap and trade for controlling emissions.

I have already seen examples of the misuse of the Cap and Trade program as it is planned.

A carbon tax is much more transparent, meets the need for income which can be used to clean up the effects of pollution, and a tax works as a more direct motivation to polluters to reduce their emissions.

I do not think pollution should become a 'market' consideration by allowing it to be a Wall Street commodity. There record is not good. I trust my government to design a tax code that is consistent and effective in limiting pollution.

Susan Morse

Educator

Carmel, CA

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-07-25 15:48:43

No Duplicates.

Comment 2 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Robert

Last Name: Goedjen

Email Address: bgoedjen@aol.com

Affiliation:

Subject: modified text for the adoption of proposed CA cap
Comment:

In my opinion I do not think these modifications go far enough in this economy to reduce the economic impact. I believe they should be rejected.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-07-25 18:16:53

No Duplicates.

Comment 3 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Rudy
Last Name: Stefenel
Email Address: rudystefenel@yahoo.com
Affiliation: Thorium Energy Alliance

Subject: Liquid Fluoride Thorium Reactors
Comment:

The California Resources Board should add text about Liquid Fluoride Thorium Reactors, and spend time talking about them too. They must be considered.

California imports electricity from Nevada, which uses coal in its production. Also we use lots of Natural Gas in California. Coal produces a huge amount of CO₂, and natural gas produces a lot, even though it is cleaner. Liquid Fluoride Thorium Reactors produce none, and are a cheaper source of electricity.

Check out this web site and watch the first video:

<http://www.thoriumenergyalliance.com/ThoriumSite/portal.html>

Also, we can use up all our spent nuclear fuel in LFTRs (Liquid Fluoride Thorium Reactors), also called MSR (Molten Salt Reactors). We need to get R&D going, build some, and convert our nuclear reactors to LFTRs. One ran for 4-years at Oak Ridge National Laboratories, Tennessee in the 1960's.

If those nuclear reactors in Japan were LFTRs, which don't need cooling water, then we would not be having dangerous problems with them now. LFTRs are much safer, more efficient, less expensive, and far more immune to human errors than other kinds of nuclear reactors.

LFTRs are scalable so small ones can be located all over the USA, which reduces transmission lines losses. Thorium is much safer, cheaper and much more plentiful than uranium. Thorium can be safely transported. LFTRs produce virtually nothing that terrorists would want.

Search the Internet for LFTR or MSR.

The Thorium Energy Alliance says that we could build a LFTR if we went at it full speed. Otherwise it could take a decade or two. Let California lead the country by having the first working LFTR right here since the one that ran at Oak Ridge National Labs in Tennessee in the 1960's.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-07-25 21:08:32

No Duplicates.

Comment 4 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Douglas

Last Name: Murray

Email Address: dougmurray27@hotmail.com

Affiliation:

Subject: Stop Cap and Trade now !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

Comment:

In the middle of a great depression is not the time to destroy the California economy with this ill advised cap and trade scheme.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-07-26 01:26:41

No Duplicates.

Comment 5 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Armando

Last Name: Sanchez

Email Address: armando.sanchez@algonquinpower.com

Affiliation:

Subject: Question on allowance allocation

Comment:

Electricity generating facilities are not listed neither in table 8-1 nor in table 9-1 which include industry sectors eligible for direct allocation of GHG allowances.

Please clarify whether this sector will have to purchase their total allowances through the auction process.

Thanks in advance for your response,

Armando

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-07-26 07:33:09

No Duplicates.

Comment 6 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Mark

Last Name: Reynolds

Email Address: markreynolds54@gmail.com

Affiliation: Citizens Climate Lobby

Subject: Oppose Cap and Trade

Comment:

Dear ARB Board,

A straight forward fee on carbon rebated to California households would be a much more transparent method of pricing carbon. Trading of permits could create spikes in pricing and the inclusion of offsets is an essentially dishonest way of reducing emissions.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-07-26 12:19:04

No Duplicates.

Comment 7 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Mark M

Last Name: Giese

Email Address: m.mk@att.net

Affiliation:

Subject: forest carbon projects

Comment:

Please do not use forest carbon projects to offset emissions from California industries. Please cut emissions at the source.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-07-27 09:59:01

No Duplicates.

Comment 8 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Paul
Last Name: La Follette
Email Address: theskipper85@yahoo.com
Affiliation: NAACP,ACLU

Subject: cap and trade
Comment:

Dear Air Resources Board,

I would like to let my opinions be known loud and clear on ab32 .
and its Cap and Trade Program for California!

As a member of the Naacp, I as well as my fellow members and
citizens of Color in California. Are being directly attacked based
on their race and income.

As people who have been prejudiced against on many fronts. This is
another attack of their civil liberties and freedoms as americans.
By taking their moneys away from them in the form of a " Get Rich"
Scheme. you call Cap and Trade!

The ethnic people's of this state cannot afford to pay higher
prices for electricity,natural gas, gasoline and diesel fuels. As
well as the giant spike in the price of every consumer good and
service in this state due the to implementation of this " Cap and
Trade".

I as well as my fellow ethnic peoples of California are against
this attack on our liberties and freedoms imposed by this scam!

I would also like to make a few other points. The proposed Cap and
Trade Program is nothing but a giant scheme to make money off of
Every Person and Business in California! Who uses
electricity,natural gas and gas or diesel!!!

And especially affected are the ethnic peoples in this state who
have a subsequent lower income to do their race and prejudice in
the job force.

I also know that you are quite aware of how much money you are
gaining to make and how you are using this as a monopoly to get
rich and to control the people!

This is stealing and telling the people it is in the name of saving
environment which it is obviously not!

I would like to pose the question.

So where would all of this money be going to off of carbon
credits????? Who is going to get rich off of this?

I as well as my fellow ethnic people's and members of the NAACP are against this attack on our rights, and economic freedoms imposed by this Cap and Trade program!

We are whole heartedly against this and must see it stop NOW!

Sincerely

Paul La Follette

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-07-27 19:26:09

No Duplicates.

Comment 9 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Justin

Last Name: Kennerly

Email Address: pocopelo@charter.net

Affiliation:

Subject: Cap and Trade Modified Text

Comment:

I almost don't know where to begin. I will begin by expressing my disappointment with the decision of our great state to move forward with Cap and Trade. This legislation is a monstrosity which only serves to suck more money from business and establish another revenue source for people involved in trading CO2 credits. More of the same, I guess. Let's set up a system which will, over the years, allow for billions of dollars to change hands, make traders a lot of money, increase business costs while not having any measurable effect on our climate....good plan!

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-07-27 23:01:58

No Duplicates.

Comment 10 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Sheila

Last Name: Fischer

Email Address: s_a_fischer@hotmail.com

Affiliation:

Subject: In opposition to Cap and Trade

Comment:

Cap and Trade is has not proven to provide the results that this plan is aiming for. Also, Cap and Trade passes on the cleanup costs (or healthcare costs) to the government (i.e. taxpayers), which in the end doesn't benefit the public.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-07-27 16:25:08

No Duplicates.

Comment 11 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: William

Last Name: Gibbes

Email Address: bgibbes@sustainableenergysolutionsllc.com

Affiliation: Sustainable Energy Solutions LLC

Subject: Proposed Changes to Section 95852.1.1(b)

Comment:

Sustainable Energy Solutions LLC (SES) is a developer of landfill gas to energy projects. We are currently developing a High BTU facility to convert landfill gas to Biomethane at a landfill that is not yet subject to NSPS and is currently generating Climate Reserve Tons (CRT's) under the Climate Action Reserve Landfill Project Protocol for voluntary capture and destruction of methane. Our understanding of ARB's intent from participation in public workshops and dialog with ARB staff is that generation and sale of verified CRT's is intended to be allowable and not prevent the Biomethane from being exempt from a compliance obligation. However, the current draft language of Section 95852.1.1(b) is not consistent with this position and needs clarification as to the intent. SES respectfully requests that ARB consider the proposed language as shown on the enclosed file which adds a sentence at the end of section 95852.1.1(b) as follows:

Generation and sale of verified Climate Reserve Tons (CRT's) under the Climate Action Reserve Landfill Project Protocol for voluntary capture of landfill gas and upgrading to Biomethane is allowable and will not prevent a biomass-derived fuel that meets the requirements in this section from being exempt from a compliance obligation.

Attachment: www.arb.ca.gov/lists/capandtrade10/1277-july_2011_-_arb_first_comment__round_draft_section_95852_-_ses_proposed_changes.docx

Original File Name: July 2011 - ARB First Comment Round Draft Section 95852 - SES Proposed Changes.docx

Date and Time Comment Was Submitted: 2011-07-28 09:18:15

No Duplicates.

Comment 12 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Mark

Last Name: Reynolds

Email Address: markreynolds54@gmail.com

Affiliation:

Subject: For Fee Dividend

Comment:

Cap and trade with offsets is too complicated and would require the state to create a whole new bureaucracy. The offsets in particular are a dishonest method for reducing emissions.

A straight forward fee on carbon would be simpler and if we rebated all the revenue to California households poor and middle class people would be dealt with fairly.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-07-29 11:43:20

No Duplicates.

Comment 13 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Amy

Last Name: Bennett

Email Address: amy.bennett@citizensclimatelobby.org

Affiliation:

Subject: Fee and Dividend as alternative to Cap and Trade

Comment:

Cap and trade does not lower emissions enough. It has too many give-a-ways and you cannot have any accountability for offsets. A revenue neutral fee and dividend with a graduated fee on CO2 with all dividends returned to citizens would offer market certainty, it would jump-start renewables, well paying jobs and more effectively lower emissions. Regional disparities would be very minimal.

Attachment: www.arb.ca.gov/lists/capandtrade10/1279-ccl-ctaxquestions.pdf

Original File Name: CCL-CTaxquestions.pdf

Date and Time Comment Was Submitted: 2011-07-29 13:36:01

No Duplicates.

Comment 14 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Jerry

Last Name: Hinkle

Email Address: jerryhinkle@sbcglobal.net

Affiliation: citizens climate lobby, sierra club, EDF

Subject: AB32 - Please consider a Fee and 100% Dividend approach

Comment:

The approach to reducing emissions exhibiting the greatest 1) simplicity, 2) efficiency (least cost) and 3) likelihood of being adopted by other states is the Fee and Dividend approach so successfully utilized in British Columbia (see recent Economist article attesting to its effectiveness and popularity at <http://www.economist.com/node/18989175>). In this approach, advocated by the Citizens Climate Lobby, a fee for carbon emissions gradually increases over time to a level deemed likely to achieve the desired emission reductions. As such, emission price certainty is assured, allowing for smoother business and investment planning and therefore greater job creation. ALL (100% - revenue neutral) of the fees are returned via check to households so that there is a clear reward for the program to go along with the market incentive to reduce. Also, there is minimal administrative costs to the program and no permit market to regulate.

Thank You for Listening!

However, the greatest reason to embrace this approach is its appeal to other states and the country as a whole. It is of little use if only California reduces emissions - we need an approach that is simple, effective, and 100% revenue neutral, and so attractive for others to adopt. If the Fee and Dividend approach works in BC, then works in California, we will have started something big, and that is our true objective.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-07-30 06:31:42

No Duplicates.

Comment 15 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Daniel

Last Name: Kenney

Email Address: danbear2k@yahoo.com

Affiliation: Climate Change. org

Subject: Please develop a fee and dividend program instead of cap and trade.

Comment:

Please develop a fee and dividend program instead of cap and trade,
it will add a fee to carbon/dirty energy sources and pay a fee to clean energy users and creators.
dan Kenney

Attachment: www.arb.ca.gov/lists/capandtrade10/1282-ccl-carbonfee_dividendact2010.docx

Original File Name: CCL-CarbonFee&DividendAct2010.docx

Date and Time Comment Was Submitted: 2011-07-30 15:43:02

No Duplicates.

Comment 16 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Rick

Last Name: Brown

Email Address: rick.brown@tvrpllc.com

Affiliation: TerraVerde Renewable Partners

Subject: Public Process

Comment:

Despite the defeat of Prop 23, to garner continued public support for the cap and trade program requires greater public awareness and understanding than currently exists. While CARB has been fully transparent, the use of jargon and highly technical language makes it difficult for even the somewhat knowledgeable citizen to comprehend the various proposals. I would encourage the use of Executive Summaries and other forms of communication that make the proposed changes more easily understood.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-07-31 09:08:51

No Duplicates.

Comment 17 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Courtney

Last Name: Olive

Email Address: jcolive@bpa.gov

Affiliation: Bonneville Power Administration

Subject: Bonneville Power Administration's comments on proposed Cap & Trade regs

Comment:

Attached please find Bonneville Power Administration's comments.

Attachment: www.arb.ca.gov/lists/capandtrade10/1284-8.1.11_comment_to_carb_letter.pdf

Original File Name: 8.1.11 Comment to CARB letter.pdf

Date and Time Comment Was Submitted: 2011-08-01 14:40:36

No Duplicates.

Comment 18 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: William

Last Name: Stewart

Email Address: billstewart@berkeley.edu

Affiliation: University of California Berkeley

Subject: Comments on Article 5 (mechanisms) and Forest Protocols

Comment:

Please see attached letter

Attachment: www.arb.ca.gov/lists/capandtrade10/1316-stewart_forest_protocol_offset_comments.pdf

Original File Name: Stewart Forest Protocol offset comments.pdf

Date and Time Comment Was Submitted: 2011-08-02 10:38:51

No Duplicates.

Comment 19 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Comment Letters

Last Name: Miscellaneous

Email Address: Non-web submitted comment

Affiliation: Received

Subject: General Cap and Trade Comments

Comment:

These comments have been submitted through the online docket system. However, they are not specifically related to the 15-day Cap and Trade Modifications, as stated in the Notice dated July 25, 2011.

TO LOCATE THE GENERAL/MISCELLANEOUS CAP AND TRADE COMMENTS RECEIVED, PLEASE REFER TO THE COMMENT LOG AND CLICK ON THE NUMBER IN THE FAR RIGHT COLUMN.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-08-02 13:56:42

80 Duplicates.

Comment 20 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Kay

Last Name: Martin

Email Address: kay4bioenergy@aol.com

Affiliation: BioEnergy Producers Association

Subject: Comments on Revised Draft Cap and Trade Regulations

Comment:

The BioEnergy Producers Association is a coalition of private and public entities dedicated to the development and commercialization of environmentally preferable industries that produce renewable sources of power, fuels and chemicals from agricultural, forestry and urban biomass. Our membership includes bioenergy firms, electric utilities and waste management companies.

We welcome the opportunity to comment on the revised draft cap and trade regulations. The BioEnergy Producers Association strongly supports the revision to Section 95852.2 (a)(7)(B) on page A-91 of the revised regulations ("Municipal Solid Waste"), which deletes the language following subsection (B), "Conversion to a clean burning fuel." Retention of the original language, which is derived verbatim from a scientifically inaccurate definition of "gasification" in PRC 40117, would have effectively eliminated "conversion to a clean burning fuel" from eligibility by requiring qualifying conversion processes to have zero emissions.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-07-31 15:41:07

No Duplicates.

Comment 21 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Robert

Last Name: Hrubes

Email Address: rhrubes@scscertified.com

Affiliation: Scientific Certification Systems

Subject: Comments Re: Art. 5, California Cap On GHG Emissions & Market-Based Compliance Mechanisms

Comment:

Dear California Air Resource Board,

We thank you for the opportunity to submit the attached letter during the 15-day public comment period for Subchapter 10 Climate Change, Article 5, Sections 95800 to 96022, Title 17 of the California Code of Regulations (July 2011)-- California Cap On Greenhouse Gas Emissions And Market-Based Compliance Mechanisms.

Sincerely yours,

Robert Hrubes & Christie Pollet-Young
Scientific Certification Systems

Attachment: www.arb.ca.gov/lists/capandtrade10/1333-scs_comment_for_arb_080211.pdf

Original File Name: SCS_Comment_For_ARB_080211.pdf

Date and Time Comment Was Submitted: 2011-08-02 14:34:29

No Duplicates.

Comment 22 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Chris

Last Name: Kelly

Email Address: ckelly@infoasis.com

Affiliation: The Conservation Fund

Subject: Comments on Cap and Trade Rules

Comment:

Attached are The Conservation Fund's comments on the current version of the proposed Cap and Trade Rules.

Attachment: www.arb.ca.gov/lists/capandtrade10/1353-arb_-_8.11.2011_comments_of_the_conservation_fund_1_.pdf

Original File Name: ARB - 8.11.2011 comments of The Conservation Fund(1).pdf

Date and Time Comment Was Submitted: 2011-08-03 18:49:42

No Duplicates.

Comment 23 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Mike

Last Name: Sandler

Email Address: mike@carbonshare.org

Affiliation:

Subject: Cap & Dividend

Comment:

Please see the attached, consisting of 3 questions and a comment on the proposed 15-day changes.

Thank you for your consideration.

-Mike

Attachment: www.arb.ca.gov/lists/capandtrade10/1357-comment_on_cap_and_trade_plan_changes8-4-11.pdf

Original File Name: Comment on Cap and Trade plan changes8-4-11.pdf

Date and Time Comment Was Submitted: 2011-08-04 21:37:58

No Duplicates.

Comment 24 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Arline

Last Name: Seeger

Email Address: aseeger@lime.org

Affiliation: National Lime Association

Subject: NLA Comments on July 25, 2011 Proposed Cap-and-Trade
Comment:

Comments are attached as the attached file

Attachment: www.arb.ca.gov/lists/capandtrade10/1361-aug_5_draft_comments_on_july_25_carb_regs.pdf

Original File Name: Aug 5 Draft Comments on July 25 CARB regs.pdf

Date and Time Comment Was Submitted: 2011-08-05 10:02:13

No Duplicates.

Comment 25 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Ross

Last Name: May

Email Address: may@svminerals.com

Affiliation: Searles Valley Minerals

Subject: Comment on Cap and Trade Regulation

Comment:

See attached file.

Attachment: www.arb.ca.gov/lists/capandtrade10/1362-15_day_comment_svm.pdf

Original File Name: 15 Day Comment SVM.pdf

Date and Time Comment Was Submitted: 2011-08-05 11:20:28

No Duplicates.

Comment 26 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Michael
Last Name: Gardner
Email Address: mgardner@gypsum.org
Affiliation: Gypsum Association

Subject: Board Item: capandtrade10
Comment:

Comment on capandtrade10. Date: August 11, 2011

The Listed Unit for the Proposed Benchmarks for Plasterboard is Incorrect

The Gypsum Association represents the collective interests of the United States gypsum board manufacturing industry. On May 12, 2011, we submitted aggregate average gypsum board industry CO2e emissions data to the ARB to assist in the ARB's effort to establish a product-based benchmark for the Gypsum Product Manufacturing sector. The data submitted represented the average CO2e emissions data for the gypsum wallboard (i.e., plasterboard) manufacturing facilities anticipated to be subject to the cap-and-trade regulations normalized to a production parameter of metric tons of stucco used to produce saleable plasterboard. The ARB used this data to establish a proposed product-based benchmark for plasterboard manufacturing within the gypsum product manufacturing sector (NAICS 327420) and to incorporate additional production reporting requirements for gypsum manufacturing facilities.

Our review indicates that the documents posted by the ARB on July 25, 2011, incorrectly identify the unit for the proposed plasterboard benchmark as "Allowances / Short Ton of Plaster Board" in the cap-and-trade regulations and incorrectly identify the production reporting requirement as "the amount of plaster board produced" in the mandatory reporting requirements. The Gypsum Association and its members request that the ARB change the relevant references to correctly identify that the benchmark unit for plasterboard production is based on the mass quantity of stucco used to produce saleable plasterboard and not the quantity of plasterboard produced. It is noted that the units of the EU ETS benchmark should also be changed to reflect the mass quantity of stucco used to produce plasterboard rather than mass of plasterboard itself as is currently listed in ARB's 15-day change documents.

Specifically, ARB needs to correct the errors in the following sections of the mandatory reporting regulations, the cap-and-trade regulations, and other 15-day change documents:

- Mandatory Reporting Regulations: Subchapter 10, Article 2, Subarticle 2, §95115(m)(3). Units should be changed from "the amount of plaster board produced" to "the amount of stucco used to produce saleable plasterboard".
- Cap-and-Trade Regulations: Subchapter 10, Article 5, Subarticle 9, §95891. Allocation for Industry Assistance, Table 9-1: Product

Based Emissions Efficiency Benchmarks. Units should be changed for the benchmark in the "Plaster Board Manufacturing" activity from "Allowance / Short Ton of Plaster Board" to "Allowance / Short Ton of Stucco Used to Produce Saleable Plasterboard".

- Appendix B: Development of Product Benchmarks for Allowance Allocation, Table B. Comparison of California and EU ETS Product Benchmarks. Units should be changed for all benchmarks (CA Imperial Units, CA SI Units, and EU ETS) in the "Plaster Board Manufacturing" activity from "...Ton of Plaster Board" to "...Ton of Stucco Used to Produce Saleable Plasterboard".

The Base Year Selected by ARB should Reflect Both Present and Future Production Constraints

The Gypsum Association wants to ensure that the base year that the ARB selects to allocate 2013 allowances for each gypsum board manufacturing plant reflects a fair and reasonable production level. Specifically, the base year should acknowledge both the current economic recession and its impacts on the gypsum board industry and the impact on allocations that will occur when idled capacity is brought back on line at a future date. The Proposed Regulations do not appear to address this very important issue. In May of this year, The Gypsum Association submitted a chart that displays monthly shipments of gypsum board to locations in the State of California for the period 2005 to 2010. This data points out the precipitous decline in shipments in the state during the period noted and reinforces the need for the ARB to be judicious when it establishes a base year for the gypsum board manufacturing facilities located in the State of California. The Gypsum Association requests further information from the ARB on whether or not this base year has been determined for 2013 and would value the opportunity to enter into discussions with the ARB regarding the importance of setting an achievable allocation for 2013 and years beyond.

The Industry Assistance Factor for the Gypsum Product Manufacturing Industry in Table 8-1 Appears should be Higher

The Gypsum Association believes that the annual Industry Assistance Factor for the Gypsum Product Manufacturing ("GPM") industry should be 100 percent for the entire period 2013 through 2020. It is our position that in assigning a "medium" leakage risk classification to the GPM industry the ARB has understated the risk leakage for the industry.

In assigning a leakage risk classification to an industry, the ARB applies a methodology that assigns equal weight to the concepts of emissions intensity and trade exposure. While we are of the opinion that the GPM industry should not be evaluated as an "emissions intense" industry, we are concerned that the ARB may be understating the local trade exposure risk to the industry.

Gypsum board is a consistent quality, commodity material that is often transported by rail. As a consequence, gypsum board can be produced in a specific state or country and transported over land and sold in a different state or country. While the ARB is correct in its assessment that gypsum board is not readily imported from or into the State of California from locations outside of North America, it is our opinion that the Appendix K methodology and its reliance on national and regional data may be understating the potential intra-regional trade exposure for gypsum products in the State of California. Our concern is that the ARB has not taken this

attribute fully into account when assigning the risk leakage classification to the GPM industry.

The Gypsum Association would value the opportunity to enter into discussions with the ARB regarding this matter.

Attachment: www.arb.ca.gov/lists/capandtrade10/1363-081111_gypsum_association_comment_to_carb_on_capandtrade10.pdf

Original File Name: 081111 Gypsum Association Comment to CARB on capandtrade10.pdf

Date and Time Comment Was Submitted: 2011-08-05 12:23:04

No Duplicates.

Comment 27 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Jane

Last Name: Valentino

Email Address: jane@resource-solutions.org

Affiliation: Center for Resource Solutions

Subject: Center for Resource Solutions comments on Proposed 15 day Modifications

Comment:

Please accept the attached comments on behalf of the Center for Resource Solutions.

Attachment: www.arb.ca.gov/lists/capandtrade10/1369-crs_letter_to_carb_re_proposed_15_day_modifications.pdf

Original File Name: CRS Letter to CARB re proposed 15 day modifications.pdf

Date and Time Comment Was Submitted: 2011-08-07 20:38:41

No Duplicates.

Comment 28 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Koji

Last Name: Kawamura

Email Address: kawamura@wapa.gov

Affiliation: Western Area Power Admin

Subject: Comments

Comment:

See attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1371-comments.8.3.11.v5fi.2.pdf

Original File Name: Comments.8.3.11.v5fi.2.pdf

Date and Time Comment Was Submitted: 2011-08-08 09:15:32

No Duplicates.

Comment 29 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Brian
Last Name: Shillinglaw
Email Address: bshillinglaw@newforests-us.com
Affiliation: New Forests

Subject: New Forests Comments RE: 15-day changes to Cap and Trade Regulation
Comment:

Please see attached cover letter and submission.

Attachment: www.arb.ca.gov/lists/capandtrade10/1373-new_forests_15-day_comments_20110809.pdf

Original File Name: New Forests 15-day Comments_20110809.pdf

Date and Time Comment Was Submitted: 2011-08-09 09:49:10

No Duplicates.

Comment 30 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Margaret

Last Name: Clark

Email Address: tmitchell@dpw.lacounty.gov

Affiliation:

Subject: Comments Regarding Solid Waste Conversion Technologies

Comment:

The Los Angeles County Integrated Waste Management Task Force is responsible for coordinating the development of all major solid waste planning documents prepared by the County of Los Angeles and the 88 cities in the Los Angeles County with a combined population in excess of ten million. Consistent with these responsibilities and to ensure a coordinated, cost-effective, and environmentally sound solid waste management system in Los Angeles County, the Task Force also addresses issues impacting the system on a countywide basis. The Task Force membership includes representatives of the League of California Cities-Los Angeles County Division, County of Los Angeles Board of Supervisors, City of Los Angeles, waste management industry, environmental groups, the public, and a number of other governmental agencies.

- The Task Force strongly supports the revisions to Section 95852.2(a)(7)(B) that does not require compliance obligations for all conversion processes that are producing a clean-burning fuel from the biogenic fraction of the Municipal Solid Wastestream.
- The Task Force also strongly supports providing a compliance obligation exemption for the three existing waste-to-energy facilities in California.

Attachment: www.arb.ca.gov/lists/capandtrade10/1374-8-8-11_letter_from_la_county_task_force_cap___trade_regulations.pdf

Original File Name: 8-8-11 Letter from LA County Task Force_Cap & Trade Regulations.pdf

Date and Time Comment Was Submitted: 2011-08-09 13:13:22

No Duplicates.

Comment 31 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Brian

Last Name: Bateman

Email Address: BBateman@baaqmd.gov

Affiliation: Bay Area AQMD

Subject: Comments on 15-Day Changes

Comment:

Please find the attached comments from the Bay Area AQMD on the proposed 15-day modifications to the Cap-and-Trade and Mandatory Reporting regulations.

Attachment: www.arb.ca.gov/lists/capandtrade10/1375-cap-and-trade-15_day_changes-baaqmd.pdf

Original File Name: Cap-and-Trade-15 day changes-BAAQMD.pdf

Date and Time Comment Was Submitted: 2011-08-09 13:58:56

No Duplicates.

Comment 32 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Emily

Last Name: Rooney

Email Address: emily@agcouncil.org

Affiliation:

Subject: Letter from California Legislature

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1378-legislature.pdf

Original File Name: Legislature.pdf

Date and Time Comment Was Submitted: 2011-08-09 16:51:04

No Duplicates.

Comment 33 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: William

Last Name: Heatley

Email Address: bill.heatley@graphicpkg.com

Affiliation: Graphic Packaging International

Subject: Appendix B: Development of Product Benchmarks for Allowance Allocation
Comment:

I understand and appreciate CARB needing to establish a greenhouse gas benchmark for each type of industry to determine allowances. However, when the type of industry is a population of one (such as our case) then that is not a benchmark. Statistically, a pool of twenty should be used to develop such a starting point. Since there is not twenty similar industries in the State of California, then the data source should be enlarged to incorporate such a pool.

This will be accomplished soon with the mandatory reporting on a national levels. Once this data is collected, then it should be used to develop a benchmark. Using a population of one to develop a standard is onerous and is very burdensome to the facility that must find means to reduce it's carbon footprint even though it may be the best in the nation or close down because the cost of credits outweigh the expected margin of the facility's profit.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-08-10 07:34:01

No Duplicates.

Comment 34 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Carole

Last Name: Stapper

Email Address: carolestapper@templeinland.com

Affiliation:

Subject: GHG Cap & Trade Product Benchmarking

Comment:

Comments are in the attached letter.

Attachment: www.arb.ca.gov/lists/capandtrade10/1382-carb_ghg_cap_and_trade_regulation_-_tin_comments.pdf

Original File Name: CARB GHG Cap and Trade Regulation - TIN Comments.pdf

Date and Time Comment Was Submitted: 2011-08-10 08:42:21

No Duplicates.

Comment 35 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: David

Last Name: Dickey

Email Address: dddickey@tenaska.com

Affiliation:

Subject: Comments of High Desert Power Project, LLC

Comment:

Attached are the comments of High Desert Power Project, LLC to proposed modifications to the Cap and Trade Program.

Attachment: www.arb.ca.gov/lists/capandtrade10/1383-comments_to_arb_081011.pdf

Original File Name: comments to ARB 081011.pdf

Date and Time Comment Was Submitted: 2011-08-10 11:19:10

No Duplicates.

Comment 36 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Craig

Last Name: Anderson

Email Address: anderson_craig_d@solarturbines.com

Affiliation: Solar Turbines

Subject: Proposed Updated Regulation to Implement the Cap and Trade Program
Comment:

Solar Turbines (Solar) is an 83-year California Company with its corporate headquarters and two primary manufacturing facilities in San Diego. This includes 3,800 employees in California and more than 7,000 worldwide.

Solar had been a member of the California Climate Action Registry since 2006 and is a Climate Action Leader, and a new member of the Climate Registry. The San Diego Kearny Mesa facility, where all new products are packaged and shipped, has reported and verified GHG emissions under the ARB reporting regulation and is subject to the Proposed Cap and Trade Regulation. Emissions are generated by turbine testing for research and development, and performance and safety testing required by customers.

Since adoption of the Regulation on December 16, 2010, Solar has presented detailed information to ARB staff about our business and operations, and the impacts of proposed Benchmarks. Staff have been very responsive, and have proposed a revised Benchmark for our industry sector that better reflects our manufacturing operations. Solar will still, however, be challenged to meet allowance obligations.

On the subject of Emissions Leakage, Solar remains concerned about the assistance factor category for our industrial sector. In particular, we recommend Staff further evaluate the mechanisms for evaluating Trade Exposure for our industry sector. It is our understanding that Staff will be revisiting Leakage and we look forward to working with them in 2012, or sooner if possible.

In summary, while Solar remains very concerned about the long-term impacts of AB 32 on our ability to compete in a global market, and our customers and suppliers, we support the revisions to the Cap and Trade Regulation.

Sincerely,

Craig Anderson
Director, Environmental Affairs
Solar Turbines

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-08-10 11:24:48

No Duplicates.

Comment 37 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Brian

Last Name: Carr

Email Address: brian.carr21@verizon.net

Affiliation:

Subject: Fee and Dividend Avoids Cap and Trade Problems

Comment:

The complexity of the proposed regulations for a cap and trade program clearly illustrates the advantages of a fee and dividend system. Issues such as offsets, which raise many very complicated issues are not present in a F&D program where gradually increasing fees are set on fossil fuels. Market manipulation problems are also avoided.

Other important advantages of F&D are that since the proceeds collected are returned to the people, there is no depressing economic effect, a consideration that ARB should definitely consider given the state of the economy. Moreover, F&D is politically acceptable to many who oppose cap and trade since F&D is revenue neutral and can be supported even by those groups that usually oppose all taxes.

The requirement that 2/3rds of the legislature must approve new fees or taxes should not inhibit ARB from adopting a clearly superior program. The redrawn legislative districts could make this requirement obtainable even without bipartisan support. Moreover, a system that is revenue neutral and results in a dividend check in each voter's mailbox would be attractive to many of those who typically oppose all taxes.

ARB needs to give a fair hearing to a fee and dividend program before it adopts an incredibly complex and problematic cap and trade program.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-08-10 11:22:23

No Duplicates.

Comment 38 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Alexander
Last Name: Helou
Email Address: alex.helou@lacity.org
Affiliation: City of Los Angeles,Bureau of Sanitation

Subject: Comments on the Revised Draft Cap and Trade Regulations
Comment:

The City of Los Angeles, Bureau of Sanitation appreciates the opportunity to provide comments on the Revised Draft on California Cap Greenhouse Gas Emissions and Market-Based Compliance Mechanisms. Please find the attached letter for our comments.

Attachment: www.arb.ca.gov/lists/capandtrade10/1387-letter_of_comment__city_of_la__bureau_of_sanitation_.zip

Original File Name: Letter of Comment (City of LA, Bureau of Sanitation).zip

Date and Time Comment Was Submitted: 2011-08-10 14:45:33

No Duplicates.

Comment 39 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Nicholas

Last Name: Martin

Email Address: nmartin@americancarbonregistry.org

Affiliation: American Carbon Registry

Subject: Native American Tribal Coalition comments on modified text of Cap-and-Trade Regulation

Comment:

Please find attached comments by Van Ness Feldman, EcoAnalytics, Finite Carbon, and the American Carbon Registry on the language in sections 95973 and 95975 of the Cap-and-Trade Regulation, related to offset projects on Tribal lands. Thank you.

Attachment: www.arb.ca.gov/lists/capandtrade10/1388-native_american_tribal_coalition_arb_comments_final.pdf

Original File Name: Native American Tribal Coalition ARB Comments FINAL.pdf

Date and Time Comment Was Submitted: 2011-08-10 15:06:06

No Duplicates.

Comment 40 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Jennifer

Last Name: Berg

Email Address: jennberg@comcast.net

Affiliation: LGSEC

Subject: Limited Opposition to Staff Proposal for Allocating Allowances to the Electric Sector
Comment:

Attached is the Local Government Sustainable Energy Coalition's limited objection to the Staff Proposal for Allocating Allowances to the Electric Sector.

Attachment: www.arb.ca.gov/lists/capandtrade10/1389-lgsec_2011_08_11_comments_to_carb_re_revised_reg.pdf

Original File Name: LGSEC_2011_08_11 comments to CARB re revised reg.pdf

Date and Time Comment Was Submitted: 2011-08-10 16:17:27

No Duplicates.

Comment 41 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Lily

Last Name: Mitchell

Email Address: l Mitchell@hanmor.com

Affiliation: Joint Utilities

Subject: Joint Utilities Comments on 15-Day Language for Cap-and-Trade Regulation
Comment:

Please find attached the comments of the Joint Utilities on the 15-day language for the Cap-and-Trade Regulation.

Attachment: www.arb.ca.gov/lists/capandtrade10/1391-joint_utilities_comments_on_15-day_language_for_cap-and-trade_regulation_081011.pdf

Original File Name: Joint Utilities Comments on 15-Day Language for Cap-and-Trade Regulation 081011.pdf

Date and Time Comment Was Submitted: 2011-08-10 16:54:07

No Duplicates.

Comment 42 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Gary

Last Name: Gero

Email Address: gary@climateactionreserve.org

Affiliation: Climate Action Reserve

Subject: Comments on the Proposed Revisions to the Cap & Trade Regulation

Comment:

On behalf of the Climate Action Reserve, I thank you for this opportunity to share our comments and voice our support for the cap‐and‐trade regulation. Our letter is attached.

Attachment: [www.arb.ca.gov/lists/capandtrade10/1392-](http://www.arb.ca.gov/lists/capandtrade10/1392-final_reserve_public_comment_letter_to_arb_on_proposed_c_t_regulation_revisions.pdf)

[final_reserve_public_comment_letter_to_arb_on_proposed_c_t_regulation_revisions.pdf](http://www.arb.ca.gov/lists/capandtrade10/1392-final_reserve_public_comment_letter_to_arb_on_proposed_c_t_regulation_revisions.pdf)

Original File Name: Final Reserve Public Comment Letter to ARB on Proposed C&T Regulation Revisions.pdf

Date and Time Comment Was Submitted: 2011-08-10 18:21:34

No Duplicates.

Comment 43 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Ann

Last Name: Chan

Email Address: ann_chan@twc.org

Affiliation: The Wilderness Society

Subject: Comments on 15-day Changes

Comment:

Attached please find comments from The Wilderness Society on the proposed 15-day changes to the cap-and-trade regulation. Thank you for the opportunity to comment.

Attachment: www.arb.ca.gov/lists/capandtrade10/1393-twc_comments_on_15-day_changes_to_cap-and-trade_reg.pdf

Original File Name: TWS comments on 15-day changes to cap-and-trade reg.pdf

Date and Time Comment Was Submitted: 2011-08-10 18:25:09

No Duplicates.

Comment 44 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Josh

Last Name: Margolis

Email Address: jmargolis@cantorco2e.com

Affiliation: CantorCO2e, LP

Subject: Cap and Trade 15 day modifications to proposed regulations

Comment:

The attached letter provides comments on the California Air Resources Board's (CARB) Proposed 15-Day Modifications to the Regulation for California Cap on Greenhouse Gas Emissions and Market-based Compliance Mechanisms (Cap and Trade Regulation) dated July 25, 2011. In summary, we recommend CARB:

1. Assign offset liability to those that are best able to manage it – the project developer and CARB
2. Increase the 8% offset limit
3. Allow for the forward carry of unused offset capacity
4. Issue multi-year allocations
5. Allow for the use of shutdowns/curtailment to generate credits

The implementation of these recommendations will:

- Improve the prospects for achieving the ambitious emission reduction goals of AB 32.
- Minimize compliance costs.
- Reduce the likelihood of leakage.
- Foster a more robust liquid emissions market that improves compliance and reductions.

Please see the attached letter for further detail.

Attachment: www.arb.ca.gov/lists/capandtrade10/1394-cantorco2e_15_day_rule_change_comments_august_10_2011.pdf

Original File Name: CantorCO2e_15_Day_Rule_Change_Comments_August_10_2011.pdf

Date and Time Comment Was Submitted: 2011-08-10 21:53:37

No Duplicates.

Comment 45 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Laurie & Allan

Last Name: Williams/Zabel

Email Address: williams.zabel@gmail.com

Affiliation: Citizens Climate Lobby Volunteers

Subject: Flaws of AB 32 Offsets Protocols and Program

Comment:

AB 32 Revised Regulation and Offset Protocols - Comment submitted

August 10, 2011

COMMENT ON AB 32 REGULATIONS AND OFFSET PROTOCOLS - IMPLEMENTATION
OF AB32

Comment by Laurie Williams & Allan Zabel on behalf of themselves as private citizens, as residents of California and as volunteers, writing on behalf of Citizens Climate Lobby, a non-profit organization located in San Diego, California, asserting that adoption of the proposed greenhouse gas offset program, regulations and protocols is arbitrary and capricious and contrary to the intent and requirements of AB 32, the California's Global Warming Solutions Act of 2006.

The California Air Resources Board ("CARB") has repeatedly acknowledged that in order to maintain the integrity of the cap-and-trade system, any greenhouse gas offsets must be verifiable, enforceable and "additional" (see Supplement at p. 53, "Offsets must meet rigorous criteria that demonstrate that the emissions reductions are real, permanent, verifiable, enforceable, and quantifiable. To be credited as an offset, the action or project must also be additional to what is required by law or regulation or would otherwise have occurred"). As explained in our prior comments, which are hereby incorporated by this reference and provided in full below, these criteria cannot be met with respect to greenhouse gas offsets. See our comments dated December 13, 2010 regarding the offsets and offset protocols, and our July 30 and August 1, 2008 comments, regarding the disadvantages of a cap-and-trade program, including the damage to such a program's integrity from offsets.

In addition to our prior comments, we provide the following additional comments on the Supplement to the Scoping Plan:

1. No Response to Prior Comments: We have not seen any response to our prior December 13, 2010 comment on the fatal flaws of the greenhouse gas offset program and protocols. Nor have we seen a response to our July 30 and August 1, 2008 comments on the flaws of cap-and-trade with offsets as an approach to addressing greenhouse gases. The San Francisco Superior Court decision dated March 18, 2011 ([http://op.bna.com/env.nsf/id/smiy-8f6uv7/\\$File/CARBborder.pdf](http://op.bna.com/env.nsf/id/smiy-8f6uv7/$File/CARBborder.pdf) "Sup. Ct. Decision") states that CARB is required to respond to comments prior to making a decision. We do not believe it is legal for CARB to move forward with adopting or approving the offset program and/or protocols until our comments have been presented to the Board and responded to in writing. See Sup. Ct. Decision at p. 33, citing Cal. Code Reg. tit. 17, § 60007, subd. (a). Please

note, not only did CARB fail to respond in writing to our comments, but CARB also failed to respond in writing to other commenters who described the flaws of offsets and their potential to undermine the integrity of the AB 32 program.

2. Program Violates AB 32's Requirements: Our conclusion is that the AB 32 requirements for greenhouse gas offsets in AB 32 are not met by the proposed program and protocols. In addition, we describe what we believe to be the unfixable flaws of the offsets approach and conclude that offsets should not be part of the AB 32 program to reduce Greenhouse Gas Emissions. The proposed regulation provides admissions of uncertainty and unenforceability. For instance the statement at page 9: (35) "Business-as-Usual Scenario" means the set of conditions reasonably expected to occur within the offsets project boundary in the absence of the financial incentives provided by offset credits, taking into account all current laws and regulations, as well as current economic and technological trends. "Reasonably expected to occur" in this context is speculative and subjective and cannot be part of an enforceable standard." In addition, offset credits are to be provided for many activities that have already occurred as part of "early action." Further, actions that are admittedly part of Business-as-Usual, such as activities that are "significantly better than average" are defined as "additional" for purposes of the offset protocols. (See for example, Staff Reports for three of the proposed Offset Protocols dated October 28, 2010; page 5 of the Manure Digesters Protocol, p.6 of Ozone Depleting Substances, p. 5 Urban Forests Protocol.) The net result of these flaws and the others discussed in our December 13, 2010 comment will be a system that claims reductions based on activities that cannot be verified to be additional to what would have happened in the absence of the offset payments. This in turn will result in false accounting and a false sense of security that the problem is being successfully addressed. The program will also fail to correct the incentives that keep greenhouse gas emissions at dangerous, unsustainable levels, thereby locking in additional climate degradation.

3. The Proposed Offsets Represent a Substantial Portion of Required Reductions: The Supplement confirms that up to 8 percent of all compliance obligations can be met with offsets. While CARB notes that a reduction is required from projected 2020 emission levels of 507 million metric ton CO₂e to 427 million metric ton CO₂e emissions, current 2011 levels are not noted, nor is the percentage reduction needed to reach the goal of 1990 levels by 2020. However, the Electric Power Research Institute's paper "Overview of the California Greenhouse Gas Offsets Program, dated April 2011, states at page 10 states that if the maximum quantity of offsets is submitted for compliance, offsets could be used to satisfy as much as 85% of required reductions. See http://globalclimate.epri.com/doc/EPRI_Offsets_W10_Background%20Paper_CA%20Offsets_040711_Final2.pdf.

Even if a smaller percentage of compliance obligations are met with offsets, it is clear that offsets are intended to be a substantial portion of required reductions and their failure to represent real, additional, enforceable reductions could be extremely damaging to California's efforts to address climate change, as well as to efforts of the many states and countries expected to follow California's lead. See also, Offsets Could Make Up 85% of Calif.'s Cap-and-Trade Program, New York Times, August 8, 2011 at

<http://www.nytimes.com/gwire/2011/08/08/08greenwire-offsets-could-make-up-85-of-califs-cap-and-tra-29081.html?emc=etal>

, in which CARB Official Rajinder Sahota confirms that it is possible that offsets could make up 85% of reductions under the proposed program.

4. Use of Offsets to Keep Costs Low, Undermines Incentives for Efficiency, Investment and Individual Decisions that Would Reduce Emissions: The Supplement repeatedly indicates that an important function of offsets is to keep the costs of compliance low and thereby prevent leakage of California's industry and attendant polluting activities to other jurisdictions, as well as to address other sectors of the economy not subject to the cap. Leakage of emissions is a significant concern. However, the potential for leakage to occur is not an excuse for adopting a fatally flawed and unworkable approach, such as cap-and-trade with greenhouse gas offsets. In addition, relying solely on compliance caps and offsets to reduce emissions, rather than an increase in prices, hurts many of the incentives that would drive the rapid transition to a clean-energy economy needed to avert dangerous climate change.

For instance, if CARB were to adopt carbon fees that rise predictably to insure that clean energy will become cost-competitive with fossil fuels within a known time frame, this would create huge incentives for a shift in private investment from fossil fuel energy into clean energy infrastructure and innovation as well as in energy efficiency. Similarly, individuals and businesses would experience a strong incentive to be creative in reducing their carbon footprint. In this respect the cost containment approach of greenhouse gas offsets is not only lacking in integrity but also undermines critical incentives needed to provide the rapid reductions without which costly and potentially irreparable effects of climate change are likely to become inevitable. As noted in the Scoping Plan, one way to address leakage is "border adjustments," adding costs to goods that arrive from jurisdictions whose regulations do not have programs to address greenhouse gases and rebating costs to goods that travel from California to other jurisdictions. (See Supplement at p.92.) While such border adjustments can be more easily imposed on international trade, it may be possible to impose such adjustments on interstate commerce as long as the adjustments merely create a level playing field for out of state businesses and are not protectionist. Essentially, CARB fails to acknowledge that higher prices for activities that produce greenhouse gases are an extremely valuable tool for driving greenhouse gas reductions. CARB instead claims that keeping costs low is a higher value, discarding the alternative as politically and legally untenable, rather than analyzing this alternative as required by the Superior Court decision and State law.

5. System of Allegedly Independent Verification Bodies Cannot Correct the Flaws of the Offsets Program: While the regulations provide extensive requirements for verification, as noted in our earlier comments, if the program allows offsets based on subjective, speculative and unenforceable criteria, then verifiers cannot change this underlying flaw. In addition, verifiers have an incentive to validate the overall program, without which their employment would be unnecessary.

6. Revisions to Regulations and Offset Protocols do not solve the underlying problems raised in this comment. The changes that have been made to the regulations and protocols since they were first proposed have not addressed the flaws that will make them ineffective at solving the critical problem they are allegedly designed to address -- the threat of major climate disruptions.

PRIOR COMMENTS - INCORPORATED BY REFERENCE AND BELOW:

Comment submitted December 13, 2010 and available at:

http://www.arb.ca.gov/lispub/comm/bccomdisp.php?listname=capandtradel0&comment_num=878&virt_num=521

COMMENT ON PROPOSED ADOPTION OF A CALIFORNIA CAP ON GREENHOUSE GAS EMISSIONS AND MARKET-BASED COMPLIANCE MECHANISMS REGULATION, INCLUDING COMPLIANCE OFFSET PROTOCOLS - IMPLEMENTATION OF AB32

Comment by Laurie Williams & Allan Zabel on behalf of themselves as private citizens of California and as volunteers, writing on behalf of Citizens Climate Lobby, a non-profit organization located in San Diego, California, asserting that adoption of the proposed offset protocols is arbitrary and capricious and contrary to the intent and requirements of AB 32, the California's Global Warming Solutions Act of 2006.

Overall Point - AB 32 requires that greenhouse gas ("GHG") offsets be "real, permanent, quantifiable, verifiable, enforceable, and additional." Adoption of the proposed Offset Protocols by the California Air Resources Board is arbitrary and capricious and should be rejected because the protocols for proposed GHG offsets cannot meet these standards. In addition, to the extent that GHG offsets are not additional, they destroy the integrity of the entire program by allowing additional GHG emissions from the capped sector above the "cap" that will not be offset by additional emission reductions elsewhere. Finally, because California's program is looked to as a model and proof of concept, adoption of this flawed mechanism would be extremely damaging to national and international efforts to effectively reduce GHG emissions. Adoption of GHG offsets as part of the California program would serve as a template for such programs, encouraging others to pursue this flawed approach to the most urgent problem facing humanity, increasing the chances of catastrophic climate change, and defeating the stated purpose of AB 32. Under the proposed action, "covered entities can use offset credits to satisfy up to eight percent of the entity's total compliance obligations." See Notice of Public Hearing at p. 5. This 8% of the compliance obligation is very significant percentage of the total reductions sought.

Fatal Flaws of GHG Offsets - To be credited as an offset, the staff report states that a project "must also be additional to what is required by law or regulation or would otherwise have occurred."

See ARB Staff Report, page 35 of 472. (Emphasis added.) Our analysis focuses primarily on the latter requirement. As demonstrated in our Whistleblower Disclosure ("Williams/Zabel Disclosure"), dated July 22, 2010

(http://www.carbonfees.org/home/Whistleblower_Disclosure_to_Congress_7-21-10.pdf

),

GHG offsets of the type that ARB proposed to adopt are fatally flawed and cannot be fixed. There is no reliable way to distinguish offset projects which will occur because of the offset incentive from those which would have happened anyway because of the following four unfixable flaws of GHG Offsets:

- **Additionality:** Whether reductions outside the capped sector are additional is necessarily a hypothetical inquiry and such an inquiry cannot reliably distinguish business-as-usual. Specifically, it is impossible to know what "otherwise would have occurred" and therefore it is not possible to create an offset program that reliably excludes business-as-usual activities from being counted as "additional." (See U.S. Government Accountability Office discussion below, confirming this conclusion.)

- Leakage/Shifting Economic Activity: In some cases, such as in the context of forestry projects, the offsets will fail to appreciably mitigate demand and the polluting activity (such as logging) will simply shift elsewhere;

- Perverse Incentives to Increase Emissions and Keep Them Legal: GHG offsets create perverse incentives to keep polluting activities legal and in some cases to increase them, so they can keep being sold as offsets (Note: this dynamic is recognized in the Ozone Depleting Substances ("ODS") Protocol re: HCFC-22 by-product HFC-23 destruction in the United Nations Clean Development Mechanism ("CDM"), see ODS Protocol at p. 11 of 67); and

- Unenforceable: The complexity and subjectivity of offsets renders them impossible to certify, regulate or enforce.

As explained in our discussion below of each of the four proposed offset protocols suffers from one or more of these flaws and would result in approval of non-additional projects in violation of AB 32. As a result, it would be arbitrary and capricious to adopt the proposed GHG offset protocols as part of the proposed cap-and-trade program

See also, U.S. Government Accountability Office, March 2009
"Observations on the Potential Role of Carbon Offsets in
Climate Change Legislation" at p. 12, GAO-09-456T
(<http://www.gao.gov/new.items/d09456t.pdf>). "Because additionality is based on projections of what would have occurred in the absence of the CDM [United Nations Clean Development Mechanism], which are necessarily hypothetical, it is impossible to know with certainty whether any given project is additional." (Emphasis added.)

Keeping Our Eyes on the Wrong Ball - Offsets are described in the Staff Report as a "cost containment mechanism," which offers additional low-cost emissions-reduction opportunities. See Staff Report at page 14 of 472. However, cost containment interferes with another goal cited in the Staff Report -- to "stimulate investment in clean and efficient technologies." See Staff Report at page 11 of 472. Keeping the price of fossil fuel emissions lower by allowing offsets delays investment in clean energy technologies and energy efficiency by keeping fossil fuels cost competitive. As a result, such "cost containment" defeats the goal of a rapid transition to clean energy and energy efficiency. See <http://www.carbonfees.org/home/Cap-and-TradeVsCarbonFees.pdf>

Critique of Proposed GHG Offset Protocols for AB 32:

The four offset protocols proposed for adoption by the ARB are Livestock Manure (Digester) Projects, U.S. Ozone Depleting Substance Projects, U.S. Forest Projects and Urban Forest Projects.

We provide a specific critique of why each of the protocols cannot meet the AB 32 requirements below:

(1) Livestock Manure (Digester) Projects

The digester performance standard contradicts AB 32 requirement of additionality:

As noted above, key element of additionality is that the project is additional to what "would otherwise have occurred." See ARB Staff Report at p. 35 of 472.

a. Significantly Better Than Average: The offset protocol for Livestock Manure Digester Projects fails to meet this standard of additionality by having a performance standard that allows all such digesters to be offsets on the basis that a digester "is significantly better than average." See Livestock Protocol at p. 9 of 68. Thus, the protocol redefines "what would have occurred otherwise" to include what is already occurring at some facilities.

"Data shows that California livestock operations (dairy, in

particular) manage waste in a manner primarily in liquid-based systems that are very suitable for digesters. Yet even in these favorable conditions digesters are found on less than 1% of the dairies," (Id.) (however, the majority of the farms that currently have digesters are significantly larger than the average California dairy.)

b. Evidence that Digester Projects Can Be Profitable Without Offset Payments: A December 2009 announcement by the U.S. Department of Agriculture and the U.S. Department of Energy indicates that "Currently, only about 2% of U.S. dairies that are candidates for a profitable digester are using the technology, even though dairy operations with anaerobic digesters routinely generate enough electricity to power 200 homes." See, http://apps1.eere.energy.gov/news/news_detail.cfm/news_id=15685. The Department of Energy has confirmed that "A biodigester usually requires manure from more than 150 large animals to cost effectively generate electricity. Anaerobic digestion and biogas production can also reduce overall operating costs where costs are high for sewage, agricultural, or animal waste disposal, and the effluent has economic value. In the United States, the availability of inexpensive fossil fuels has limited the use of digesters solely for biogas production. However, the waste treatment and odor reduction benefits of controlled anaerobic digestion are receiving increasing interest, especially for large-scale livestock operations such as dairies, feedlots, and slaughterhouses." See, http://www.energysavers.gov/your_workplace/farms_ranches/index.cfm/mytopic=30005.

c. Existing Projects: The proposed program appears to allow existing digester projects to count as additional to what "otherwise would have occurred." The ARB staff report states, "The proposed regulation also includes a process for offset credits from qualified existing offset projects operating under specific offset protocols to be accepted into the compliance offsets program." See ARB Staff Report at p. 78 of 472. This feature means that existing projects -- project that are currently in progress -- can be counted as additional to "would otherwise have occurred." The net result is a system that allows profitable, existing projects and approaches to methane reduction to be used to allow emissions above the cap in the allegedly "capped" sector.

d. Perverse Incentive to Increase Emissions (Digester Offsets May Increase Emissions and Cause Other Environmental Harm): The ARB Livestock Manure Protocol Report notes that "The installation of a BCS [Biogas Control Systems] at an existing livestock operation where the primary manure management system is aerobic (produces little to no methane) may result in an increase of the amount of methane emitted to the atmosphere. Thus, the BCS must digest manure that would primarily be treated in an anaerobic system in the absence of the project in order for the project to meet the definition of an offset project." See Livestock Report at p. 19 of 68, FN 5. This footnote provides an important admission that proposed Digester Protocol may encourage an increase in emissions as a means to gain offset payments. Specifically, manure could be, and sometimes is, processed in an aerobic environment, producing little to no methane. An example is that manure can provide valuable fertilizer to farming operations and be used instead of petrochemical fertilizers. However, by creating the offset program, ARB may encourage facilities to first switch from an aerobic to an anaerobic process (and hence increasing methane), so

that their farm can qualify to participate in obtaining offsets. This decision could also lead to increased use of petrochemicals and other environmental harm.

e. Perverse Incentive to Keep Methane Emissions Legal and Prevent Regulatory Evolution: In addition to potentially encouraging a move to anaerobic conditions so that a dairy would qualify for offsets, the Digester Protocol also creates an incentive for additional market participants to oppose regulation that would require either aerobic treatment or an anaerobic digester. As noted with respect to the other Protocols and in the Williams/Zabel Disclosure, normal regulatory evolution would move in the direction of prohibiting activities that are found to be harmful in significant ways that were not previously appreciated or known. In this case, all facilities that engage in anaerobic storage of manure for more than 150 cows could potentially be required to use a biogas control system and destroy or sell the resulting methane for energy. A law that creates an offset market for this activity creates opposition to a comprehensive regulation that would remove this activity from the offset market and deprive these market participants of the related revenue, creating instead an obligation that has associated costs. The heightened opposition to such regulation should be analyzed as part of "what otherwise would occur," in order to fully consider whether the proposed offset protocol creates truly additional reductions outside the capped sector.

f. Summary: In summary, there are five types of evidence that it would be arbitrary and capricious to approve the proposed Digester Protocol for Offsets: (1) the protocol redefines additional as "significantly better than average," which clearly includes a type of activity that is already occurring (non-additional) without the offset incentive, (2) the protocol allows offsets for activities that would be profitable even without the offset payment, (3) the protocol allows existing projects to create offsets, (4) the protocol creates a perverse incentive for some farms to increase anaerobic manure storage to increase the chance of offset income, and (5) the protocol increases the incentives for those who profit from the offsets to fight new regulation that would require the capture and/or use of the methane produced by livestock, as this would deprive them of offset profits. In light of these five factors, the degree of additionality created by the Protocol is unknowable and unverifiable and thus fails to meet the required standards for AB 32 offsets.

(2) U.S. Ozone Depleting Substances ("ODS") Projects

a. Destruction of ODS from Refrigeration Equipment and Foam: The proposed ODS Protocol would grant GHG offsets for projects which collect and destroy ODS from refrigeration equipment containing ODS and from foam which was manufactured using ODS as a blowing agent. Both the ODS refrigerant and the ODS blowing agent must originate from the United States. See ODS Protocol at sections 2.3.1 and 2.3.2 (p. 22 - 23 of 67). The ODS Protocol contains two major flaws. These flaws would allow potential project operators to receive GHG offsets for claimed GHG emission reductions which are not additional. In addition, the ODS Protocol's reliance on unverifiable assertions and records generated by the offset project operator would create opportunities for fraud which would be extremely difficult or impossible to prove once the fraud was completed.

b. Unsupported Assumptions: In explaining how the performance standard of destruction of ODS pursuant to the Protocol would be

additional, the Staff Report claims, without providing any supporting citation or materials, that "Data shows that less than 1.5% of recoverable US sourced ODS are destroyed upon end-of-life of the [refrigeration] equipment or [foam] material. This indicates that collecting and destroying the ODS is above and beyond common practice and therefore destruction meets the performance standard."

Staff Report, page 6. In addition, the ODS Protocol assumes that all ODS recovered from refrigeration equipment is reclaimed for further use. ODS Protocol at sections 2.3.1 and 5.1.1.

c. Destruction of ODS during Business-As-Usual: The combination of these assumptions is important for claiming that all ODS destroyed pursuant to the Protocol are additional for purposes of generating offsets. If ODS removed from refrigeration equipment is not always reclaimed and reused, but for technical and/or financial reasons is sometimes destroyed, the destruction of this ODS would not be additional because it would occur in the course of business-as-usual.

d. Barriers to Reclaiming and Reuse - Title VI of the Clean Air Act: In fact, not all ODS recovered from refrigeration equipment is reclaimed and reused. To be used as reclaimed refrigerant, ODS must meet established specifications under Title VI of the Clean Air Act. To be economically viable as reclaimed refrigerant, ODS removed from refrigeration equipment must not be mixed with other types of ODS and must not be heavily contaminated with oils and other impurities. Either of these problems will most often make the cost of bringing the ODS up to Clean Air Act specification prohibitively expensive. These problems regularly occur and a significant amount of ODS removed from refrigeration equipment is destroyed rather than being reclaimed and reused. The ODS Protocol would allow the generation of GHG offsets from this destruction.

e. Barriers to Verification: The ODS Protocol contains two glaring enforcement weaknesses. First, as stated above the ODS Protocol requires that both the ODS refrigerant and the ODS blowing agent destroyed in a project must originate from the United States. This requirement is not practically enforceable. Once the foam or refrigerant is destroyed, it will be virtually impossible for an enforcement inspector to verify or challenge the paper records kept by the project operator. Second, this hopelessly flawed reliance on paper records generated by the self-interested project operator is a hallmark of the entire verification "methodologies" in the ODS Protocol. The temptations for a project operator to exaggerate or outright fabricate records will be enormous. If GHG offset prices come close to the offset prices in the European GHG trading program, destruction of a single pound of GHG could be worth nearly \$100. Again, once all the real evidence is gone, e.g., the foam and refrigeration unit are in the landfill and the ODS has allegedly been destroyed, there is little, if any, hope of proving the fraud.

f. Emissions Above the Cap: As with the Digester protocol above, the net result of the unverifiable and non-additional offsets that can be created under this protocol is a system that would allow emissions above the cap in the capped sectors.

g. Perverse Incentive to Keep Landfill Disposal of Foam Containing ODS Legal: Allowing offsets for ODS destruction from foam may also create additional barriers to passage of appropriate regulations that would require ODS destruction before foam containing these substances could be brought to a landfill. Once an offset activity is profitable, those who are profiting will provide additional resistance to the passage of legislation and/or regulations that could provide an across the board, rather than piecemeal solution. In this sense, the proposed offsets do not meet the standard of additional reductions beyond what would have occurred otherwise.

(3) U.S. Forest Projects

a. Reforestation, Improved Forest Management and Avoided Conversion: The proposed U.S. Forest Protocol would grant GHG offsets for three types of projects - reforestation, improved forest management, and avoided conversion. This Protocol contains a plethora of very serious flaws. The most serious of these flaws concern the determination of whether any given forest project is additional, i.e., whether the project would have occurred in the course of business-as-usual. For each type of forestry project, the U.S. Forest Protocol established a performance test. If the project meets the applicable performance standard, the project is deemed to be additional. U.S. Forest Protocol at section 3.1.2. (p. 34 of 131.)

b. Performance Standard Approach to Additionality and Business-As-Usual : We have set forth an analysis concerning the common failures of a performance standard approach to determining additionality in the Williams/Zabel Disclosure at pp. 9-11. As detailed below, the U.S. Forest Project Protocol includes a number of these failures that result in include projects which would have occurred in the course of business-as-usual. This is because performance standards of this type are, by their very nature, almost always comparisons to projects which have actually occurred.

In a market economy, the most advanced methods quite often give the business using them a competitive advantage. This is why these advanced pieces of equipment and methods are most often "significantly better than average" and "better than common practice." In a market economy, they are the result of business-as-usual. It violates AB 32's requirement of additionality to grant offsets to such projects.

c. Improved Forest Management and the "Common Practice" Performance Standard: The U.S. Forest Protocol for improved forest management projects contains several different performance standard flaws. It relies on calculations that involve mind-numbing complexity and a series of subjective and unenforceable judgment calls. This protocol also relies heavily on "common practice" as its benchmark for additionality. The entire demonstration of additionality is based upon "estimating baseline onsite carbon stocks" and comparing this to "common practice" on "similar lands" in the area of the project. U.S. Forest Protocol at section 6.2.1. (p. 64 of 131.) Since it is impossible to have an objective determination of whether forest management projects are beyond what would otherwise have occurred under this protocol, the offset performance standard clearly fails to satisfy AB 32's requirements that offsets be "real, permanent, quantifiable, verifiable, enforceable, and additional."

d. Reforestation - "Less Than 10% Tree Canopy Cover" Performance Standards: For reforestation projects, the U.S. Forest Protocol allows two possible performance standards, either of which could lead to the approval of offsets. One of the standards is the there is currently less than 10% tree canopy cover. In this case, the protocol merely states that projects which occur on land that has had less than 10 percent tree canopy cover for the last 10 years are automatically additional. No analysis, data, or rationale is presented for this determination.

e. Reforestation - Areas with "Significant Disturbance" - Alternative Performance Standards- "Economic Cost Scenario" or "Historical Not Engaged In or Allowed Timber Harvesting": For reforestation projects which occur on land which has undergone a "Significant Disturbance" (e.g., fire) projects are additional if they either meet one of two performance standard. For the economic cost scenario (set forth in a two page appendix to the Protocol) or if the "Forest Owner has not historically engaged in or allowed

timber harvesting." U.S. Forest Protocol at section 3.1.2.1. The economic cost scenario approach to additionality appears to very heavily rely on data which either does not yet exist or have not been made public. Twice this part of the Protocol states that certain economic information and assumptions can be found in "the lookup table in the Forest Offset Protocol Resources section of ARB's website." U.S. Forest Protocol, Appendix E, p. 103. We were unable to locate this section of ARB's website. In addition, the second test for additionality contains no explanation or number of years which constitute "historically engaged in or allowed timber harvesting." It is suggested, by example, that this qualification would apply to municipal or state parks, but this is made clear or exclusive in the Protocol. U.S. Forest Protocol at section 3.1.2.1. This completely subjective "standard" is neither rational nor enforceable.

f. Avoided Conversion Projects - Shifting Economic Activity:

Finally, for avoided conversion projects (e.g., conversion of forest to commercial, residential or agricultural land), the U.S. Forest Protocol relies very heavily on appraisals of land value in the various land use scenarios. U.S. Forest Protocol at section 3.1.2.3. This approach has two basic problems. First, leaving a forest uncut and unconverted to another use does not necessarily result in fewer GHGs. Forest products exist in a world market. The largest supplier to the U.S. of softwood (used, for example, in building homes), is Canada. If U.S. demand for softwood is not diminished, the forest preserved in the U.S. will almost certainly result in additional timber harvesting in Canada or some other country. This will result in no net decrease in GHGs. In fact, it would like result in a slight increase represented by the fuel it takes to import the timber products. Second, appraising land value is hardly an exact science. Anyone aware of the mortgage meltdown should be aware that appraisals can be manipulated, fabricated, and, essentially, purchased by a self-interested party. Having a "qualified" appraiser, as required by the Protocol, hardly addresses this problem.

(4) Urban Forest Projects

a. Tree Planting and Maintenance: The proposed Urban Forest Protocol would grant GHG offsets for tree-planting and maintenance programs carried out by municipalities, educational institutions, and utilities. This Protocol is the most benign, and probably the most well-intentioned, of the proposed offset protocols. However, even the Urban Forest Protocol contains one serious flaw.

b. Net Tree Gain: The Urban Forest Protocol assumes that any "Net Tree Gain" represents an additional reduction in GHGs. While any Net Tree Gain is a happy thing for the environment, people, and the livability of our communities, these gains do occur in the course of business-as-usual. A case in point is the urban forest project carried out by San Francisco's Department of the Environment. In its September 2009 Annual Report to the Mayor and Board of Supervisors, San Francisco's Urban Forestry Council noted that a five-year plan, initiated in 2004, had resulted in the planting and maintenance of 26,408 trees. This occurred well before the incentives of GHG offsets. See Annual Report, September 2009, http://www.sfenvironment.org/downloads/library/sfe_urban_forest_annual_report_2009.pdf.

c. Emissions Above the Cap: Ultimately, for an offset protocol to have integrity, the results of all offset projects must be the result of the financial incentive. It this is not the case, the financial gain for the "would-have-happened-anyway" project is merely a gratuitous reward. While cities and other institutions would appreciate the extra revenue for planting and maintaining trees they would have planted and maintained anyway, the problem is

that all non-additional GHG offset will inexcusably undercut the goal of the associated environmental program, reducing emissions. Any such non-additional offsets, will result in allowing additional unjustified emissions above the cap in the capped sectors.

CONCLUSION

It is critically important for ARB to resist the temptation to make offsets part of California's cap-and-trade program. Given that rapid transition to cleaner energy and energy efficiency is critical to avoiding global climate disruption, California cannot afford to endorse a program that would allow increases in emissions in the capped sector above the cap to be "offset" by unverifiable reductions that overlap with business-as-usual. A system that allows such offsets will encourage other jurisdictions to follow suit and create a system that locks in climate degradation and the attendant harsh consequences. While these offset protocols are supported by interests that would like to profit from the protocols and by continued emissions in the capped sectors, they would create a huge loophole of non-additional offsets and would delay effective action in ways that are likely to be tragic for today's young people and for future generations.

While we agree that it would be positive for California to create incentives for a net increase in additional forest cover, more reliable capture and destruction or recycling of ozone depleting substances, and reductions in livestock methane emissions, we do not believe that GHG offsets are a reliable way to accomplish these goals. As demonstrated above, the proposed offset protocols are an inappropriate mechanism for seeking these improvements because there are numerous barriers to reliably verifying that any given project is additional. As a result, it is arbitrary and capricious and inappropriate for the Air Resources Board to approve the proposed GHG offset protocols.

Comment 42 for Design Comments for the GHG Scoping Plan

(sp-design-ws)

- 1st Workshop

(<http://www.arb.ca.gov/lispub/comm2/bccommprt.php?listname=sp-design-ws>
at page 53 of 177)

First Name: Laurie

Last Name: Williams

Email Address: williams.zabel@gmail.com

Affiliation: www.carbonfees.org

Subject: Carbon Fees not cap-and-trade; also Request for Extension
Comment:

My husband, Allan Zabel and I have written 2 pieces regarding this issue. Please consider our explanations of why carbon fees are the more efficient and effective market mechanism in the 2 pieces below (1) our website at www.carbonfees.org, and (2) our July 11th editorial, imported below. In summary, we believe that cap-and-trade is a flawed strategy for addressing climate change. The Acid Rain experience does not prove that cap-and-trade is applicable to climate change. The two situations are completely distinguishable. With climate change we face the need for massive new infrastructure and innovation (as opposed to Acid Rain, where an easy fuel switch was available); we also have a lack the comprehensive accurate monitoring of greenhouse gases that was available for the contaminants of concern in Acid Rain. Finally Acid Rain did not allow outside offsets. All of this makes the applicability of the Acid Rain experience to climate change a myth.

Also attached as a PDF please find a visual explanation of how carbon fees work, and a request for additional public education

and an extension of the comment period on this issue.

1. Please see our May 4th, 2008 Open Letter to Congress at www.carbonfees.org. While this is not aimed at California and the AB 32 process, the same arguments apply. This website also provides additional information on our credentials as public sector environmental enforcement attorneys and references for the arguments that we make.

2. Please also consider the arguments in the following piece: Cap & Trade - Misplaced Confidence (published in California Energy Circuit on July 11, 2008) which addresses AB 32 and the upcoming decision by the California Air Resources Board.

By Laurie Williams & Allan Zabel

As poles and glaciers melt, permafrost thaws and oceans acidify from our ever-increasing greenhouse gas emissions, the question of whether a carbon cap-and-trade program or carbon fees would provide swifter, more equitable and certain emissions reductions is increasingly urgent. Based on our experience as environmental enforcers (including Allan's experience with cap-and-trade programs), we believe that the California Air Resource Board's confidence in cap-and-trade is misplaced and that carbon fees provide the more effective and efficient path to the goals of AB 32, California's landmark climate protection law.

As long expected, California's recently released AB 32 Draft Scoping Plan relies heavily on "cap-and-trade" to reduce the state's significant contributions to global greenhouse gas emissions. The draft minimizes the value of a system of "carbon fees." The Air Resources Board justifies its preference by calling cap-and-trade a more certain route to meeting AB 32's requirement to reduce California's emissions 30 percent below "business as usual" by 2020.

However, cap-and-trade has serious downsides.

Unless all cap-and-trade elements, including offsets, are limited to systems with accurate emissions measurement, the cap on total emissions will likely be inflated and claimed reductions exaggerated. While the emissions of large electrical generating facilities with continuous emission monitoring systems can be accurately tracked, many other sources of emissions and offsets cannot be as closely monitored.

If these less-accurately-measured sources participate, the integrity of the cap-and-trade program will be undermined, as will the certainty in reductions that CARB seeks. In addition, even if the market is limited to facilities with continuous emission monitors, this will create artificial scarcity that is likely to result in disruptions and unfairness, as initial and future allocations of the right to emit are distributed and traded.

A preview of such disruptions was provided by the manipulations that created the California energy crisis early in this decade. That potential was also demonstrated in a recent simulation at the University of California at Berkeley's Haas School of Business, in which students gamed a carbon-trading market for individual gain, leading to scarcity and high prices. This potential for market manipulation could contribute to undesirable price volatility. The

resulting lack of price predictability in a cap-and-trade system (specifically, the lack of certainty that the price of energy from fossil fuels will exceed the price of green energy) reduces the incentive for the substantial investments in the new infrastructure and innovation necessary to provide alternative energy at affordable prices.

The history of cap-and-trade demonstrates the limitations of the state's proposal.

The so-called "cap-and-trade" of the federal acid rain program in no way resembles the complex challenge we face in reducing greenhouse gases. Under the program, all facilities had monitors, so the system had the integrity of accurate measurement. There was relatively little trading, particularly outside of any given corporation and its subsidiaries. Trading in the acid rain program primarily meant that some corporations complied with the gradual reductions in total sulfur emissions by averaging among several of their facilities. In addition, there was no significant need for investments in new technologies or innovation in order to reduce sulfur. All that was needed--and what happened--was a "fuel switch" from high-sulfur coal, to the low-sulfur coal found in Wyoming's Powder River Basin.

In contrast, another cap-and-trade program failed spectacularly in Los Angeles. Known as RECLAIM (the Regional Clean Air Incentives Market), it was aimed at reducing ground level ozone. In RECLAIM, despite the presence of monitors, an inflated cap delayed most emission reductions for over seven years. At the end of that time, the market collapsed and the necessary control technology was required by regulation.

Similarly, attempts to design an effective carbon cap-and-trade system have failed under the Kyoto Protocol--a 1997 international accord to cut greenhouse gas emissions which the U.S. never ratified. Utilities and other sources have underreported their emissions, purchased flawed offsets, driven up prices, reaped billions in undeserved profits and generally failed to produce promised emission reductions.

Despite cap-and-trade's enormous disadvantages, it is ardently supported by two disparate groups. This first consists of those who stand to profit, whether from trading, certifying offsets and/or delaying the phase-out of fossil fuels. The second includes those who truly want rapid reductions, but believe that the greater efficiency and transparency of carbon fees is politically unattainable and/or fail to understand that the vulnerabilities of cap-and-trade to manipulation and fraud will make the "cap" illusory.

The advantages of carbon fees, in contrast, include simplicity and transparency. For instance, the U.S. Congressional Budget Office stated in its February 2008 report: "A tax on emissions would be the most efficient incentive-based option for reducing emissions and could be relatively easy to implement." These advantages include that it is much easier to effectively trace and impose a fee on all fossil fuels at the point of importation or extraction than it is to accurately measure all greenhouse gas emissions.

By phasing in gradually increasing carbon fees that would go up each year until the price of energy made from fossil fuels exceeds

the price of clean technologies, carbon fees would create the certainty needed to spur investment in post-fossil fuel energy sources. A per-capita rebate of these carbon fees to all California taxpayers would cushion the impact of higher energy prices, particularly for low and middle income taxpayers, during the transition to the post-fossil fuel economy. The relative certainty provided by escalating carbon fees and the investments they would foster are likely to catapult California and the nation into a leadership position in green technology and set a roadmap for the rest of the world on how to move beyond the ineffective policy of cap-and-trade.

As CBO acknowledges, the main barrier to the carbon fees approach is a lack of political acceptability. It in turn is based on a lack of public education about why carbon fees (and a ban on new coal-fired power plants without sequestration) are our best hope to save our way of life and leave a habitable biosphere to the next generation.

By selecting carbon fees to meet AB 32's goal, California could lead the nation in effectively and efficiently addressing climate change. While CARB's draft scoping plan attempts to support its preference for cap-and-trade by indicating that it would fit well with expected cap-and-trade programs by the Western Climate Initiative and the federal government, this justification is unworthy of California's proud tradition of environmental leadership.

Only if we discuss the urgency of the problem and the most effective solution with friends, families, neighbors and colleagues, and ask them to join us in calling and writing our representatives, can we jump-start the huge outpouring of public participation necessary to make carbon fees the acceptable as well as the wise choice.

--Laurie Williams and Allan Zabel of www.carbonfees.org wrote this editorial as citizens and parents. In May, the two lawyers issued an open letter to Congress urging lawmakers to put their efforts into setting carbon fees in place of a carbon cap-and-trade program. For details about their professional experience and carbon fees approach, see their website.

3. Attached please find a visual providing a chart to demonstrates how the certainty that green energy will become less expensive than fossil fuel energy would affect investment and affordability. Cap-and-trade cannot deliver this same price certainty and hence will not be as effective in moving us to a post-fossil fuel economy.

4. REQUEST FOR EXTENSION:

We believe that an additional period of public education should occur on the issue of carbon fees vs. cap-and-trade, and that there should be an additional comment period on this issue prior to a final decision.

Attachment:

www.arb.ca.gov/lists/sp-design-ws/45-why_carbon_fees_work_7-28-08.pdf

Original File Name: Why Carbon Fees Work 7-28-08.pdf

Date and Time Comment Was Submitted: 2008-07-30 22:56:07

Attachment: www.arb.ca.gov/lists/capandtrade10/1395-lw___az_comment_re_ab_32_regulations___offset_protocols_8-10-11v1.doc

Original File Name: LW & AZ Comment re AB 32 Regulations & Offset Protocols 8-10-11v1.doc

Date and Time Comment Was Submitted: 2011-08-10 22:46:40

No Duplicates.

Comment 46 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Steven

Last Name: Huhman

Email Address: steven.huhman@morganstanley.com

Affiliation: Morgan Stanley Capital Group

Subject: MSCG Cap & Trade Comments

Comment:

Please find attached MSCG's comments on the above-noted subject matter.

Attachment: www.arb.ca.gov/lists/capandtrade10/1396-mscgcap_tradecomments.august.11.2011.doc

Original File Name: MSCGCap&TradeComments.August.11.2011.doc

Date and Time Comment Was Submitted: 2011-08-11 07:59:57

No Duplicates.

Comment 47 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Tom

Last Name: Ch

Email Address: fernando@capcoa.org

Affiliation:

Subject: Comments on proposed 15-day changes to Cap and Trade regulations

Comment:

CAPCOA is pleased to submit the attached comments on changes to the proposed Cap and Trade regulations.

Attachment: www.arb.ca.gov/lists/capandtrade10/1398-cap.trade.15_day_comments.08.11.11.pdf

Original File Name: Cap.Trade.15 day comments.08.11.11.pdf

Date and Time Comment Was Submitted: 2011-08-11 08:06:14

No Duplicates.

Comment 48 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Patrick

Last Name: Serfass

Email Address: pserfass@ttcorp.com

Affiliation: American Biogas Council

Subject: 6 Suggested Changes from the American Biogas Council

Comment:

The American Biogas Council (ABC) represents 120 companies dedicated to the development of anaerobic digestion technologies and the expanded use of biogas. While many of the parameters in ARB's cap and trade regulations will generate the development and use of this key resource, we would appreciate ARB's consideration of the following recommendations to simplify its regulations and further bolster the use of biogas:

- Change the Contracting Deadline for Purchase of Biomass-Derived Fuel to January 1, 2013 from January 1, 2012
- Simplify the grandfathering concept for biomass derived fuel that is purchased before the start of the program
- Ensure biogas projects continue to receive offset credits for the destruction of methane
- Include efficiency increases in the definition for increased capacity
- Remove the requirement that a contract must remain in effect with the same California operator
- Remove the requirement in MMR section 95131(i) for mid-year or intermediate verifications for biomass derived fuels if there are volume increases or upstream title changes

Attachment: www.arb.ca.gov/lists/capandtrade10/1399-abc_comments_to_arb_-_10_august_2011.pdf

Original File Name: ABC Comments to ARB - 10 August 2011.pdf

Date and Time Comment Was Submitted: 2011-08-11 08:28:26

No Duplicates.

Comment 49 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: David

Last Name: Antonioli

Email Address: dantonioli@v-c-s.org

Affiliation: VCS - Verified Carbon Standard

Subject: VCSA comments on proposed modified California cap and trade regulation

Comment:

The Verified Carbon Standard Association (VCSA) welcomes the opportunity to offer the attached comments on the modified text of ARB's Proposed Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation. We appreciate the continued leadership demonstrated by the Board and its staff to develop and refine a market-based set of rules to cost-effectively reduce greenhouse gas emissions.

Should you have any questions, please do not hesitate to contact me by telephone (+1 202 296 1427) or email (dantonioli@v-c-s.org).

Sincerely,

David Antonioli

Chief Executive Officer

Attachment: www.arb.ca.gov/lists/capandtrade10/1400-final_vcsa_comments_on_arb_modified_cap___trade_rule__8-11-11.pdf

Original File Name: FINAL VCSA comments on ARB modified cap & trade rule, 8-11-11.pdf

Date and Time Comment Was Submitted: 2011-08-11 09:25:59

No Duplicates.

Comment 50 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Chris

Last Name: Shimoda

Email Address: cshimoda@caltrux.org

Affiliation: California Trucking Association

Subject: Comments re: 15 Day Amendments

Comment:

Comments Attached.

Thank You

Attachment: www.arb.ca.gov/lists/capandtrade10/1401-8-11-11_15_day_cap_and_trade_comments_final.pdf

Original File Name: 8-11-11 15 Day Cap and Trade Comments FINAL.pdf

Date and Time Comment Was Submitted: 2011-08-11 09:38:04

No Duplicates.

Comment 51 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Yushuo

Last Name: Chang

Email Address: ychang@placer.ca.gov

Affiliation: Placer County APCD

Subject: PCAPCD Comments for Cap and Trade Mechanism Regulation

Comment:

Please see the attached comment letter.

Attachment: www.arb.ca.gov/lists/capandtrade10/1402-pcapcd_comments.pdf

Original File Name: PCAPCD comments.pdf

Date and Time Comment Was Submitted: 2011-08-11 09:52:51

No Duplicates.

Comment 52 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: John

Last Name: Busterud

Email Address: jwbb@pge.com

Affiliation: Pacific Gas and Electric Company

Subject: PG&E's Comments on the ARB's July 25, 2011 Proposed Modifications to Cap-and-Trade Reg.

Comment:

Attached, in PDF format, are Pacific Gas and Electric Company's Comments on the Air Resources Board's July 25, 2011 Proposed Modifications to the AB 32 Cap-And-Trade Regulation.

Attachment: www.arb.ca.gov/lists/capandtrade10/1403-081111_capandtrade_pg_ecomments_00118128.pdf

Original File Name: 081111_CapAndTrade_PG&EComments_00118128.pdf

Date and Time Comment Was Submitted: 2011-08-11 10:36:31

No Duplicates.

Comment 53 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Charles

Last Name: Purshouse

Email Address: charles.purshouse@camcoglobal.com

Affiliation:

Subject: Camco comments on proposed 15 day changes

Comment:

Please find attached Camco's comments on ARBs regulation text on the California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanism released on the 25th July.

Regards

Charles Purshouse

Attachment: www.arb.ca.gov/lists/capandtrade10/1404-camco_arb_comments.pdf

Original File Name: Camco ARB Comments.pdf

Date and Time Comment Was Submitted: 2011-08-11 10:22:00

No Duplicates.

Comment 54 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Michelle

Last Name: Passero

Email Address: Mpassero@tnc.org

Affiliation:

Subject: Cap and Trade Program Comments

Comment:

Dear ARB,

Please accept The Nature Conservancy's comments on the 15 day modifications to the cap and trade program.

Attachment: www.arb.ca.gov/lists/capandtrade10/1405-tnccommentsfinal15dayct.pdf

Original File Name: TNCCommentsFinal15DayCT.pdf

Date and Time Comment Was Submitted: 2011-08-11 10:36:46

No Duplicates.

Comment 55 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Don

Last Name: Burkard

Email Address: dburkard@ppmsllc.com

Affiliation:

Subject: Panoche Energy Center concerns

Comment:

Panoche Energy Center is concerned that AB 32 does not address adequately address pre 2006 contract that have no provision to recover credit cost. See attachment

Attachment: www.arb.ca.gov/lists/capandtrade10/1408-panoche_ab32_comments_110811.pdf

Original File Name: Panoche AB32 comments 110811.pdf

Date and Time Comment Was Submitted: 2011-08-11 10:59:17

No Duplicates.

Comment 56 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Carl

Last Name: Wirdak

Email Address: carl_wirdak@oxy.com

Affiliation: Occidental Petroleum

Subject: Occidental Petroleum comments

Comment:

Please see attached Occidental Petroleum comments on GHG Cap and Trade Program – Proposed 15-Day Modifications.

Attachment: www.arb.ca.gov/lists/capandtrade10/1409-oxy_comments_jul_15d_ct.pdf

Original File Name: Oxy comments Jul 15d CT.pdf

Date and Time Comment Was Submitted: 2011-08-11 11:10:30

No Duplicates.

Comment 57 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Kyle

Last Name: Boudreaux

Email Address: kyle.boudreaux@fpl.com

Affiliation: NextEra Energy Resources

Subject: Comments of NextEra Energy Resources to the July 2011 cap and trade 15-day language

Comment:

If there is any response to the attached comments, please feel to contact me directly

Attachment: www.arb.ca.gov/lists/capandtrade10/1410-comments_neer_to_arb_15_day_cap_and_trade_laguage_8_11_11.pdf

Original File Name: Comments NEER to ARB 15 day cap and trade laguage 8_11_11.pdf

Date and Time Comment Was Submitted: 2011-08-11 11:28:32

No Duplicates.

Comment 58 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Derek
Last Name: Wheeler
Email Address: derek.b.wheeler@exxonmobil.com
Affiliation: ExxonMobil

Subject: Cap and Trade Comments
Comment:

Please find attached file with comments.

Attachment: www.arb.ca.gov/lists/capandtrade10/1411-em_comments_-_cap_and_trade_-_8-11-11.pdf

Original File Name: EM Comments - Cap and Trade - 8-11-11.pdf

Date and Time Comment Was Submitted: 2011-08-11 11:35:52

No Duplicates.

Comment 59 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Coree

Last Name: Javernick

Email Address: coreejavernick@ussposco.com

Affiliation:

Subject: UPI's Cap and Trade Comments

Comment:

USS-POSCO Industries (UPI) appreciates the opportunity to participate in the public process for California Air Resources Board Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, including Compliance Offset Protocols. We have thoroughly reviewed Appendix B: Development of Product Benchmarks for Allowance Allocation and would like to address some concerns that we have. Our comments are summarized below.

Comment #1 - The Proposed Benchmark for Cold Rolled and Annealed Steel Sheet Production

Appendix B cites that "the ease of developing product-based benchmarks depends on the homogeneity of products within the benchmarked industrial sectors." The Appendix then goes on to list only one benchmark for Cold Rolled and Annealed Steel Sheet (CRS) Production. However, there are two types of annealing processes that result in different steel properties, which, in turn, result in two different CRS products. Steel can be annealed using either a batch annealing (BA) process or a continuous annealing (CA) process, and "BA" or "CA" is typically part of the CRS product description. Batch annealing is a multi-day process where up to several dozen coils are stacked in a furnace, and heated until the correct properties are obtained. In a continuous annealing process, the steel is uncoiled and passes in loops through a furnace for several minutes heating a cross section of the strip for several minutes. Continuous annealed material has a fine grain structure and is more resilient than batch annealed material which has a coarse grain structure and excellent formability. It is not a product that is simply differentiated by technology. Each process creates a unique product and therefore, each process should have its own benchmark.

Comment #2 - The Proposed Benchmark for Tin Steel Plate Production

The benchmark for Tin Steel Plate Production is listed as 0.0197 on page 10 of the Appendix. UPI is the only company that produces this product, and through communication with Mihoyo Fuji of the Air Resources Board, we came to the conclusion that our emission intensity for this product to be 0.03536. The appendix states that the "staff selected a benchmark based on the "best-in-class" value (i.e., the emissions intensity of the most GHG-efficient California facility)." Since UPI is the only California facility that produces this product, the benchmark should reflect our current emission intensity levels.

Comment #3 - The Proposed Benchmark for Pickled Steel Sheet Production

UPI currently runs an Acid Processor (AP) in concurrence with our Pickle Line Tandem Cold Line (PLTCM) which produces Pickled Steel Sheet Product. The AP uses natural gas to regenerate hydrochloric acid which is then returned to the pickle line. Because UPI is the only facility that recycles and regenerates our spent acid, the natural gas used should not be counted against our emission intensity benchmark for our Pickled Steel Sheet Product.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-08-11 12:10:19

No Duplicates.

Comment 60 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Michael

Last Name: Mazowita

Email Address: mmazowita@olympuspower.com

Affiliation:

Subject: PE-Berkeley's Comments

Comment:

Please see the attached written comments from PE-Berkeley, Inc.

Attachment: www.arb.ca.gov/lists/capandtrade10/1413-peb_ghg_comments_to_carb_08_11_11_finals.pdf

Original File Name: PEB_GHG_Comments_to_CARB_08_11_11_FINALS.pdf

Date and Time Comment Was Submitted: 2011-08-11 12:14:02

No Duplicates.

Comment 61 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Pat

Last Name: Proano

Email Address: tmitchell@dpw.lacounty.gov

Affiliation: Los Angeles County Public Works

Subject: Comments regarding proposed cap & trade regulations

Comment:

We appreciate the opportunity to provide comments on the proposed regulations. Please see the attached letter for our comments and concerns. Thank you.

Attachment: www.arb.ca.gov/lists/capandtrade10/1414-8-11-11_la_county_comment_letter_carb.pdf

Original File Name: 8-11-11 LA County Comment Letter_CARB.pdf

Date and Time Comment Was Submitted: 2011-08-11 12:39:39

No Duplicates.

Comment 62 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Matthew

Last Name: Hodges

Email Address: matt.hodges@valero.com

Affiliation: Valero Companies

Subject: Valero Comments, Proposed Changes to the Greenhouse Gas Cap-and-Trade Regulations, 15-

Comment:

Valero Comments, Proposed Changes to the Greenhouse Gas
Cap-and-Trade Regulations, 15- Day Rulemaking Package

Attachment: www.arb.ca.gov/lists/capandtrade10/1415-valero_comment_letter_concerning_proposed_changes_to_the_ghg_cap-and-trade_regulations_8-11-11.pdf

Original File Name: Valero Comment letter Concerning Proposed Changes to the GHG Cap-and-Trade Regulations 8-11-11.pdf

Date and Time Comment Was Submitted: 2011-08-11 12:46:39

No Duplicates.

Comment 63 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Ethan

Last Name: Ravage

Email Address: ravage@ieta.org

Affiliation: International Emissions Trading Assoc.

Subject: IETA response to ARB 15-Day Rulemaking Changes

Comment:

Please see the attached comments regarding ARB's modified text for the proposed California cap-and-trade program rules.

Attachment: www.arb.ca.gov/lists/capandtrade10/1416-ieta_response_to_arb_15-day_rulemaking_changes_11_august_2011.pdf

Original File Name: IETA response to ARB 15-Day Rulemaking Changes 11 August 2011.pdf

Date and Time Comment Was Submitted: 2011-08-11 13:02:30

No Duplicates.

Comment 64 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Ashley

Last Name: Charest

Email Address: acharest@glasswebsite.com

Affiliation: Glass Association of North America

Subject: Comments for Board Item capandtrade10

Comment:

Attached is a comment letter on behalf of the Glass Association of North America, via its Flat Glass Manufacturing Division Environmental Committee.

Attachment: www.arb.ca.gov/lists/capandtrade10/1417-gana_15-day_cap_and_trade_comments_-_final_-_2011.08.11.pdf

Original File Name: GANA 15-day cap and trade comments - FINAL - 2011.08.11.pdf

Date and Time Comment Was Submitted: 2011-08-11 13:15:11

No Duplicates.

Comment 65 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Sara

Last Name: O'Neill

Email Address: sara.oneill@shell.com

Affiliation: Shell Oil Company

Subject: Comments on Cap and Trade July 25, 2011, Proposed 15 Day Modification

Comment:

Shell Comments on Cap and Trade July 25, 2011, Proposed 15 Day
Modification

Attachment: www.arb.ca.gov/lists/capandtrade10/1418-shell_cap_and_trade_july_comments.pdf

Original File Name: shell cap and trade July comments.pdf

Date and Time Comment Was Submitted: 2011-08-11 13:12:53

No Duplicates.

Comment 66 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Catherine
Last Name: Reheis-Boyd
Email Address: joey@wspa.org
Affiliation: WSPA

Subject: Cap and Trade Program Regulation (July 25, 2011 Proposed 15 Day Modifications)
Comment:

Please see attached Western States Petroleum Association Comments on Cap and Trade Program Regulation (July 25, 2011 Proposed 15 Day Modifications). Thank you.

Attachment: www.arb.ca.gov/lists/capandtrade10/1419-wspa_cap_and_trade_regulation.pdf

Original File Name: WSPA Cap and Trade Regulation.pdf

Date and Time Comment Was Submitted: 2011-08-11 13:18:16

No Duplicates.

Comment 67 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Keith

Last Name: Adams

Email Address: ADAMSKB@airproducts.com

Affiliation: Air Products

Subject: Comments on 15-Day Modifications to Cap and Trade Reg

Comment:

Air Products Comments on 15-Day Modifications to the Cap and Trade Regulation

Attachment: www.arb.ca.gov/lists/capandtrade10/1420-air_products_comments_-_proposed_cap_and_trade_rule_modifications_20110811.pdf

Original File Name: Air Products Comments - Proposed Cap and Trade Rule Modifications 20110811.pdf

Date and Time Comment Was Submitted: 2011-08-11 13:42:50

No Duplicates.

Comment 68 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Dan

Last Name: Riley

Email Address: dan.t.riley@tsocorp.com

Affiliation: Tesoro Companies, Inc.

Subject: CARB Proposed Regulation to Implement the CA Cap-and-Trade
Comment:

Attached comments for submission.

Attachment: www.arb.ca.gov/lists/capandtrade10/1421-8.11.11_carb_re_ca_cap-and-trade.pdf

Original File Name: 8.11.11 CARB RE CA Cap-and-Trade.pdf

Date and Time Comment Was Submitted: 2011-08-11 13:40:38

No Duplicates.

Comment 69 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Erin

Last Name: Craig

Email Address: erin@terrapass.com

Affiliation: TerraPass Inc.

Subject: TerraPass comments on 15-day changes

Comment:

TerraPass comments attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1422-terrapass_candt_15day_comments.aug.11.2011.pdf

Original File Name: TerraPass CandT 15day comments.Aug.11.2011.pdf

Date and Time Comment Was Submitted: 2011-08-11 13:46:00

No Duplicates.

Comment 70 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Dorothy

Last Name: Rothrock

Email Address: drothrock@cmta.net

Affiliation: Calif. Manufacturers & Technology Assn.

Subject: CARB's Cap-and-Trade 15-Day Rulemaking Package

Comment:

Comments by the California Manufacturers & Technology Association
are attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1423-cmta_ct_comments_final.pdf

Original File Name: CMTA CT Comments Final.pdf

Date and Time Comment Was Submitted: 2011-08-11 13:54:35

No Duplicates.

Comment 71 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Craig
Last Name: Moyer
Email Address: cmoyer@manatt.com
Affiliation: WIRA

Subject: WIRA's Cap and Trade 15 day comments
Comment:

Please see attached Western Independent Refiners Association
Comments on the Cap and Trade Program Regulation's July 25, 2011
Proposed 15 Day Modifications. Thank you.

Attachment: www.arb.ca.gov/lists/capandtrade10/1424-wira_ct_comments_8-11-11.pdf

Original File Name: WIRA CT Comments 8-11-11.pdf

Date and Time Comment Was Submitted: 2011-08-11 13:57:44

No Duplicates.

Comment 72 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Stephen

Last Name: Smith

Email Address: Stephen.Smith4@barclayscapital.com

Affiliation:

Subject: Barclays Comments to ARB regarding 15 day comments

Comment:

Please find our comments attached. Thank you.

Attachment: www.arb.ca.gov/lists/capandtrade10/1425-barclays_comments_to_arb_re_cap_and_trade__8_11_2011_.pdf

Original File Name: Barclays Comments to ARB re Cap and Trade (8 11 2011).pdf

Date and Time Comment Was Submitted: 2011-08-11 13:55:52

No Duplicates.

Comment 73 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Mark
Last Name: Tussing
Email Address: mark.tussing@o-i.com
Affiliation: Owens-Illinois Inc.

Subject: Comments on 15 day rule
Comment:

See attached comments.

Attachment: www.arb.ca.gov/lists/capandtrade10/1426-8-11-11__comments_on_c_t.pdf

Original File Name: 8-11-11 comments on C&T.pdf

Date and Time Comment Was Submitted: 2011-08-11 14:07:58

No Duplicates.

Comment 74 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Ralph

Last Name: Moran

Email Address: moranrj1@bp.com

Affiliation: BP America, Inc

Subject: Cap and Trade Regulation 15-Day package

Comment:

BP comments attached

Attachment: www.arb.ca.gov/lists/capandtrade10/1427-bp_comment_ltr_on_carb_cap_and_trade_15_day_pkg_8_11.pdf

Original File Name: BP comment ltr on CARB cap and trade 15 day pkg 8 11.pdf

Date and Time Comment Was Submitted: 2011-08-11 14:19:33

No Duplicates.

Comment 75 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Sean

Last Name: Carney

Email Address: scarney@finitecarbon.com

Affiliation: Finite Carbon

Subject: Finite Carbon Cap-and-trade Regulation 15-Day Public Comments

Comment:

Please find our comments attached. Thank you.

Attachment: www.arb.ca.gov/lists/capandtrade10/1428-finite_carbon_arb_public_comments_8-11-11.pdf

Original File Name: Finite Carbon ARB Public Comments 8-11-11.pdf

Date and Time Comment Was Submitted: 2011-08-11 14:31:19

No Duplicates.

Comment 76 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Doug
Last Name: Davie
Email Address: ddavie@wellhead.com
Affiliation:

Subject: Wellhead Electric Company, Inc. Comments on 15-Day Cap-and-Trade Regulation
Comment:

Wellhead Electric Company, Inc. ("Wellhead") offers the attached comments on the California Air Resources Board ("CARB") July 15, 2011 Notice of Availability of Modified Text for the Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, Including Compliance Offset Protocols ("Cap-and-Trade").

Attachment: www.arb.ca.gov/lists/capandtrade10/1429-2011-08-11_wellhead_comments_on_15-day_cap-and-trade_regulation__00017228_.pdf

Original File Name: 2011-08-11 Wellhead Comments on 15-Day Cap-and-Trade Regulation (00017228).PDF

Date and Time Comment Was Submitted: 2011-08-11 14:25:23

No Duplicates.

Comment 77 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Brett

Last Name: Guge

Email Address: bguge@californiasteel.com

Affiliation: California Steel Industries, Inc.

Subject: Emissions Allowance Calculation Comments

Comment:

Please see the attached document.

Attachment: www.arb.ca.gov/lists/capandtrade10/1430-rb_cap_and_trade.pdf

Original File Name: RB Cap and Trade.pdf

Date and Time Comment Was Submitted: 2011-08-11 14:31:06

No Duplicates.

Comment 78 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Bill

Last Name: Booth

Email Address: whb@a-klaw.com

Affiliation:

Subject: CLECA Comments

Comment:

Attached are the comments of the California Large Energy Consumers Association regarding Treatment of Electricity Use for Energy Intensive Trade Exposed Entities in Greenhouse Gas Cap-and-Trade Market.

Attachment: www.arb.ca.gov/lists/capandtrade10/1431-cleca_comments_to_carb_8_11_11.pdf

Original File Name: CLECA Comments to CARB 8 11 11.pdf

Date and Time Comment Was Submitted: 2011-08-11 14:36:45

No Duplicates.

Comment 79 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: John

Last Name: Bloom

Email Address: houstgrp@pacbell.net

Affiliation: CSCME

Subject: AB 32 Implementation Comments

Comment:

Please accept our comments on CARB's July 25, 2011 Notice of Public Availability of Modified Text and Availability of Additional Documents Regarding the Cap-and-Trade Regulation under AB 32.

Attachment: www.arb.ca.gov/lists/capandtrade10/1432-08_11_2011_cap_and_trade_comments.pdf

Original File Name: 08 11 2011 Cap and Trade Comments.pdf

Date and Time Comment Was Submitted: 2011-08-11 14:37:08

No Duplicates.

Comment 80 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Shelly

Last Name: Sullivan

Email Address: ssullivan@onemain.com

Affiliation: AB 32 Implementation Group

Subject: AB 32 IG Comments regarding the cap-and-trade 15-day rulemaking package.

Comment:

Attached please find comments from the AB 32 Implementation Group regarding CARB's 15-day cap-and-trade rulemaking package.

If you have any questions or need anything further, please feel free to contact us at (916) 858-8686.

Attachment: www.arb.ca.gov/lists/capandtrade10/1433-ig_c_t_comments_8_11_final.pdf

Original File Name: IG C_T Comments_8_11_FINAL.pdf

Date and Time Comment Was Submitted: 2011-08-11 14:47:24

No Duplicates.

Comment 81 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Brian
Last Name: Walker
Email Address: brian_walker@fwc.com
Affiliation: MCLP

Subject: Comments on Modified Cap and Trade
Comment:

Please see attached for comments from MCLP on modified Cap and Trade, due by 8/11/2011.

Thank You,
Brian Walker
Martinez Cogen LP

Attachment: www.arb.ca.gov/lists/capandtrade10/1434-cap_and_trade_comments_letter_mclp_to_carb_8-11-11.doc

Original File Name: Cap and Trade Comments Letter MCLP to CARB 8-11-11.doc

Date and Time Comment Was Submitted: 2011-08-11 14:50:07

No Duplicates.

Comment 82 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Kim

Last Name: Lim

Email Address: Lim.ks@pg.com

Affiliation: The Procter & Gamble Company

Subject: Comments on the ARB's CAPANDTRADE10

Comment:

Dear Chairman Nichols and Members of the Board:

Please see attachment.

Thanks

Kim Lim

Procter & Gamble Oxnard

Attachment: www.arb.ca.gov/lists/capandtrade10/1435-p_g_carb_public_comment0001.pdf

Original File Name: P&G CARB Public Comment0001.pdf

Date and Time Comment Was Submitted: 2011-08-11 14:55:58

No Duplicates.

Comment 83 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: James

Last Name: Tansey

Email Address: james.tansey@sauder.ubc.ca

Affiliation: University of British Columbia

Subject: ARB Commentary (capandtrade10)

Comment:

Hello, please find the attached commentary. Thank you for your consideration.

Best,

James Tansey

Attachment: www.arb.ca.gov/lists/capandtrade10/1436-comment_letter_to_arb_abc__capandtrade10_.doc

Original File Name: COMMENT LETTER TO ARB UBC (capandtrade10).doc

Date and Time Comment Was Submitted: 2011-08-11 14:58:51

No Duplicates.

Comment 84 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Pam
Last Name: Rygalski
Email Address: pamela.rygalski@nsg.com
Affiliation: Pilkington North America

Subject: Cap and Trade benchmarking
Comment:

comment letter attached

Attachment: www.arb.ca.gov/lists/capandtrade10/1437-pna_final_comments_carb_cap_and_trade_15-day_notice_august_2011__2_.pdf

Original File Name: PNA Final Comments CARB Cap and Trade 15-day notice August 2011 (2).pdf

Date and Time Comment Was Submitted: 2011-08-11 14:58:18

No Duplicates.

Comment 85 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Evan
Last Name: Ard
Email Address: eard@evomarkets.com
Affiliation: Evolution Markets Inc.

Subject: Evolution Markets Comments on Proposed Changes to the GHG Cap-and-Trade Regulations

Comment:

Dear Sir/Madam:

Please accept the attached comments from Evolution Markets on the proposed changes to the Greenhouse Gas Cap-and-Trade and Mandatory Greenhouse Gas Reporting Regulations.

Best regards,

Evan A. Ard
Managing Director
Evolution Markets Inc.

Attachment: www.arb.ca.gov/lists/capandtrade10/1438-arb_15-day_rule_changes_--_evomkts_comments_final.pdf

Original File Name: ARB 15-day rule changes -- EvoMkts Comments FINAL.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:01:23

No Duplicates.

Comment 86 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Bruce

Last Name: Ray

Email Address: bruce.ray@jm.com

Affiliation: Johns Manville

Subject: Johns Manville Comments on Cap-and-Trade Program 15-Day Rulemaking Package
Comment:

Johns Manville submits the attached letter with our comments on the July 25, 2011 15-day rulemaking package. Thank you.

Attachment: www.arb.ca.gov/lists/capandtrade10/1439-jm_comments_to_carb_15_day_cap___trade_notice___8-11-2011.pdf

Original File Name: JM comments to CARB 15 day cap & trade notice; 8-11-2011.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:01:08

No Duplicates.

Comment 87 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Jeff

Last Name: Fort

Email Address: jeffrey.fort@snrdenton.com

Affiliation: GHG Early Action Group

Subject: GHG Early Action Group Comments

Comment:

Please see attached PDF file.

Attachment: www.arb.ca.gov/lists/capandtrade10/1440-ghg_early_action_group.pdf

Original File Name: GHG Early Action Group.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:08:17

No Duplicates.

Comment 88 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Beth

Last Name: Vaughan

Email Address: beth@beth411.com

Affiliation: California Cogeneration Council

Subject: CCC Comments on 15-day modified Cap and Trade regulation

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1441-8-11-11_ccc_comments_15_daymodifiedcapandtraderegfinal.pdf

Original File Name: 8-11-11_CCC_Comments_15 dayModifiedCapandTradeRegFINAL.pdf

Date and Time Comment Was Submitted: 2011-08-11 14:53:41

No Duplicates.

Comment 89 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Jerry

Last Name: Schwartz

Email Address: jerry_schwartz@afandpa.org

Affiliation: AF&PA

Subject: AF&PA Comments on Cap and Trade Proposal

Comment:

Attached are AF&PA's comments on the "Notice of Public Availability of Modified Text and Availability of Additional Documents for the Adoption of a Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, Including Compliance Offset Protocols".

Thank you. Jerry Schwartz

Attachment: www.arb.ca.gov/lists/capandtrade10/1442-afpa_comments_on_proposed_california_cap_and_trade_final_8-11-11.pdf

Original File Name: AFPA comments on Proposed California Cap and Trade Final 8-11-11.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:03:59

No Duplicates.

Comment 90 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Gauri
Last Name: Potdar
Email Address: gp@elementmarkets.com
Affiliation: Element Markets, LLC

Subject: Treatment of Biomethane
Comment:

Dear Air Resources Board Members,

Element Markets appreciates this opportunity to submit comments with respect to the cap and trade and mandatory reporting regulations as they pertain to biomass derived fuels and biomethane.

Warmest Regards,
Gauri Potdar
Sr. Director

Attachment: www.arb.ca.gov/lists/capandtrade10/1443-em_comments_for_arb_final_august_11__2011.pdf

Original File Name: EM Comments for ARB FINAL August 11, 2011.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:05:57

No Duplicates.

Comment 91 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Jon

Last Name: Costantino

Email Address: jcostantino@manatt.com

Affiliation: ACMP

Subject: ACMP CT Comments

Comment:

Attached please find the Association of Carbon Market Participants comments regarding CARB's 15-day cap-and-trade rulemaking package.

If you have any questions or need anything further, please feel free to contact us at (916) 552-2365.

Attachment: www.arb.ca.gov/lists/capandtrade10/1444-acmp_ct_comments_8-11-11.pdg.pdf

Original File Name: ACMP CT Comments 8-11-11.pdg.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:11:29

No Duplicates.

Comment 92 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Ed
Last Name: Pike
Email Address: ed@theicct.org
Affiliation: ICCT

Subject: transportation fuels issues related to cap & trade revisions
Comment:

Attached are ICCT comments on:

- 1) Transportation biofuels exemption
- 2) GHG allowance allocations for refineries and oil producers
- 3) Transportation H2 benchmarks
- 4) Fuels applicability language

Attachment: www.arb.ca.gov/lists/capandtrade10/1445-icct_cap___trade_comments_8-11-2011_.pdf

Original File Name: ICCT cap & trade comments 8-11-2011 .pdf

Date and Time Comment Was Submitted: 2011-08-11 15:19:07

No Duplicates.

Comment 93 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Tim

Last Name: Haines

Email Address: thaines@swc.org

Affiliation: State Water Contractors

Subject: State Water Contractors Comments on Cap-and-Trade Program

Comment:

Attached are the comments by State Water Contractors.

Attachment: www.arb.ca.gov/lists/capandtrade10/1446-08-11-11_draft_swc_carb_comments_on_california_cap-and-trade_programrev2.pdf

Original File Name: 08-11-11 DRAFT SWC CARB Comments on California Cap-and-Trade Programrev2.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:16:55

No Duplicates.

Comment 94 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Charles

Last Name: White

Email Address: cwhite1@wm.com

Affiliation: Waste Management

Subject: WM Comments on C&T 15-day Notice

Comment:

Attached is a zip file with a letter from WM along with 7 attachments for your consideration. Please confirm receipt and contact me if any questions.

Charles A. White, P.E.

Waste Management

916-552-5859

cwhite1@wm.com

Attachment: www.arb.ca.gov/lists/capandtrade10/1447-wmc_tcommentsfinal.zip

Original File Name: WMC&TCommentsFinal.zip

Date and Time Comment Was Submitted: 2011-08-11 14:51:28

No Duplicates.

Comment 95 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Julee

Last Name: Malinowski-Ball

Email Address: julee@ppallc.com

Affiliation: California Biomass Energy Alliance

Subject: Cap and Trade Language Comments

Comment:

Attached please find Cap and Trade Language comments from the California Biomass Energy Alliance. Thank you.

Attachment: www.arb.ca.gov/lists/capandtrade10/1448-arb_cap_and_trade_15-day_language_comments_final_8-11-11.pdf

Original File Name: ARB Cap and Trade 15-day Language Comments FINAL 8-11-11.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:21:51

No Duplicates.

Comment 96 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Patti

Last Name: Krebs

Email Address: iea@iea.sdcoxmail.com

Affiliation: Industrial Environmental Association

Subject: Comment on Cap and Trade Regulation

Comment:

See attached letter from Industrial Environmental Association.

Attachment: www.arb.ca.gov/lists/capandtrade10/1449-cap_and_trade_comments.pdf

Original File Name: CAP_AND_TRADE_COMMENTS.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:28:12

No Duplicates.

Comment 97 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Kassandra
Last Name: Gough
Email Address: Kassandra.Gough@calpine.com
Affiliation: Calpine Corporation

Subject: Proposed 15-Day Modifications to the Proposed CA Cap on GHG Emissions
Comment:

Attached are Calpine Corporation's comments on the Proposed 15-Day Modifications to the Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulations.

Attachment: www.arb.ca.gov/lists/capandtrade10/1450-8-11-2011_calpine_comments_re_proposed_15-day_modifications_to_proposed_ca_cap_on_ghg_emissions.pdf

Original File Name: 8-11-2011 Calpine Comments re Proposed 15-Day Modifications to Proposed CA Cap on GHG Emissions.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:27:13

No Duplicates.

Comment 98 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: JoElle

Last Name: Arnado

Email Address: joelle.l.arnado@conocophillips.com

Affiliation: ConocoPhillips

Subject: ConocoPhillips Comments on Proposed Modifications to the California Cap & Trade Regulations

Comment:

See Attached

Attachment: www.arb.ca.gov/lists/capandtrade10/1451-ab32_-_cop_comments_-_c_t_081111.pdf

Original File Name: AB32 - COP Comments - C&T 081111.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:27:15

No Duplicates.

Comment 99 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Andrew

Last Name: Coghlan

Email Address: andrew.coghlan@ucop.edu

Affiliation: University of California

Subject: University of California comments re: cap-and-trade

Comment:

Attached are the University of California's comments.

Attachment: www.arb.ca.gov/lists/capandtrade10/1452-uc_comments_to_carb_re_cap_and_trade_8_11_2011.pdf

Original File Name: UC comments to CARB re cap and trade 8 11 2011.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:25:16

No Duplicates.

Comment 100 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Adam

Last Name: Schumaker

Email Address: adam@rnp.org

Affiliation: Renewable Northwest Project

Subject: Concerns with Double Counting of GHG Emissions Reductions Under § 95852(b)

Comment:

Please find attached the comments of Renewable Northwest Project and the Bonneville Environmental Foundation.

Attachment: www.arb.ca.gov/lists/capandtrade10/1453-final_rnp_carb_ab_32_null_power_decision.pdf

Original File Name: FINAL RNP CARB AB 32 Null Power Decision.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:06:16

No Duplicates.

Comment 101 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Kari

Last Name: Larsen

Email Address: Kari.Larsen@theGreenX.com

Affiliation: Green Exchange LLC

Subject: Green Exchange LLC Comments

Comment:

See attached PDF document.

Attachment: www.arb.ca.gov/lists/capandtrade10/1454-greenx_comments_8-11-11.pdf

Original File Name: GreenX Comments 8-11-11.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:28:42

No Duplicates.

Comment 102 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Clare

Last Name: Breidenich

Email Address: cbreidenich@aciem.us

Affiliation: Western Power Trading Forum

Subject: Cap and Trade Comments

Comment:

Attached please find comments of the Western Power Trading Forum on the Modified Regulation Order for California Cap and Trade Program.

Thank You,
Clare Breidenich
WPTF GHG Committee

Attachment: www.arb.ca.gov/lists/capandtrade10/1455-8-11-11_wptf_comments_to_carb_on_cap_and_trade.pdf

Original File Name: 8-11-11 WPTF Comments to CARB on Cap and Trade.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:33:53

No Duplicates.

Comment 103 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Scott

Last Name: DuBoff

Email Address: sduboff@gsblaw.com

Affiliation:

Subject: Comments on Proposed Cap-and-Trade Regulations

Comment:

Attached please find comments on CARB's proposed Cap-and-Trade regulations submitted on behalf of the Local Government Coalition for Renewable Energy.

Attachment: www.arb.ca.gov/lists/capandtrade10/1456-comments_to_carb_re_cap-and-trade_regulations.zip

Original File Name: Comments to CARB re Cap-and-Trade Regulations.zip

Date and Time Comment Was Submitted: 2011-08-11 15:33:21

No Duplicates.

Comment 104 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Gregory
Last Name: Arnold
Email Address: greg@ce2capital.com
Affiliation: CE2 Carbon Capital

Subject: Comments submitted in attachment
Comment:

Please see attached for our detailed comments on the regulation.

Sincerely,
Gregory Arnold & Harold Buchanan
CE2 Carbon Capital

Attachment: www.arb.ca.gov/lists/capandtrade10/1457-2011-08-10_ce2-15_day_change_package_comments.pdf

Original File Name: 2011-08-10 CE2-15 Day Change Package Comments.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:33:06

No Duplicates.

Comment 105 for California Cap-and-Trade Program (capandtrade10) - 15-1.

This comment was posted then deleted because it was unrelated to the Board item or it was a duplicate.

Comment 106 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Curt

Last Name: Ledford

Email Address: curtl@vea.coop

Affiliation: Valley Electric Association, Inc.

Subject: Valley Electric Seeks Regulation Clarification Regarding Nevada Load Served Through CAISO

Comment:

Attachment submitted.

Attachment: www.arb.ca.gov/lists/capandtrade10/1459-vea_carb_comments_8-11-11.pdf

Original File Name: VEA CARB Comments 8-11-11.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:39:07

No Duplicates.

Comment 107 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Veronica Hicks

Last Name: Veronica Hicks

Email Address: veronica@water.ca.gov

Affiliation: California Department of Water Resources

Subject: DWR's Comments on Proposed Regulation for Cap
Comment:

Attached please find DWR's Comments on the proposed regulation for
a California Cap on Greenhouse Gas Emissions and Market-Based
Compliance Mechanisms

Attachment: [www.arb.ca.gov/lists/capandtrade10/1460-
dwr_comments_to_air_resources_board_august_11_2100.pdf](http://www.arb.ca.gov/lists/capandtrade10/1460-dwr_comments_to_air_resources_board_august_11_2100.pdf)

Original File Name: DWR comments to Air Resources Board August 11 2100.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:36:18

No Duplicates.

Comment 108 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Ellie

Last Name: Booth

Email Address: EBooth@CovantaEnergy.com

Affiliation:

Subject: Convanta_Cap&Trade Comments

Comment:

Thank you for the opportunity to submit comments.

Attachment: www.arb.ca.gov/lists/capandtrade10/1461-covanta_cap_trade_comments.pdf

Original File Name: Covanta_Cap&Trade Comments.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:42:54

No Duplicates.

Comment 109 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Tim

Last Name: OConnor

Email Address: toconnor@edf.org

Affiliation: Environmental Defense Fund

Subject: EDF Comments on 15 Day Cap-and-trade reg changes

Comment:

Please see attached letter from EDF.

Attachment: www.arb.ca.gov/lists/capandtrade10/1462-edf_comments_on_15_day_changes_to_cap_and_trade_regulation.pdf

Original File Name: EDF Comments on 15 day changes to cap and trade regulation.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:35:00

No Duplicates.

Comment 110 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Sofia

Last Name: Parino

Email Address: sparino@crpe-ej.org

Affiliation: Center on Race, Poverty & the Environmen

Subject: comments on modified cap and trade regulation

Comment:

Please see attached comment letter and exhibits.

Attachment: www.arb.ca.gov/lists/capandtrade10/1464-capandtrademodificationletterfinal_with_attachments.pdf

Original File Name: CapandTradeModificationLetterFinal with attachments.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:48:10

No Duplicates.

Comment 111 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Frank
Last Name: Caponi
Email Address: fcaponi@lacsds.org
Affiliation: LACSD

Subject: Comment Letter on Amendments of Proposed California Cap and Trade10
Comment:

From Mr. Frank Caponi of LACSD.

Attachment: www.arb.ca.gov/lists/capandtrade10/1465-aug_2011_lacsd_cap_and_trade_15day_language.doc.pdf

Original File Name: Aug 2011 LACSD Cap and Trade 15day language.doc.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:47:33

No Duplicates.

Comment 112 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Ray

Last Name: Yee

Email Address: yee@ppg.com

Affiliation: PPG Industries, Inc.

Subject: Comments on Cap-and-Trade Reg. Modifications

Comment:

Attached please find the comments of PPG Industries, Inc. regarding the July 25, 2011 proposed modifications to the text of the GHG cap-and-trade regulation.

Attachment: www.arb.ca.gov/lists/capandtrade10/1466-ppg_glass_comments_on_7-25-11_modifications_to_cap-and-trade_regulation.pdf

Original File Name: PPG Glass Comments on 7-25-11 Modifications to Cap-and-Trade regulation.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:45:37

No Duplicates.

Comment 113 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Bruce

Last Name: McLaughlin

Email Address: mclaughlin@braunlegal.com

Affiliation:

Subject: 15-Day Regulations for C&T

Comment:

Please accept for filing these Comments of the 8 Utilities on the 15-Day Language for C&T Regulations.

Attachment: www.arb.ca.gov/lists/capandtrade10/1467-8_utilities_comments_on_15-day_cap-and-trade_reg.pdf

Original File Name: 8 Utilities Comments on 15-day cap-and-trade reg.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:50:15

No Duplicates.

Comment 114 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Robert

Last Name: Wyman

Email Address: robert.wyman@lw.com

Affiliation: California Climate Coalition

Subject: California Climate Coalition Comments

Comment:

Attached are the comments of the California Climate Coalition regarding the proposed 15-day changes. Thank you.

Attachment: www.arb.ca.gov/lists/capandtrade10/1468-california_climate_coalition_15-day_comments_august_20110001.pdf

Original File Name: California Climate Coalition 15-Day Comments August 20110001.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:54:34

No Duplicates.

Comment 115 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Jeff
Last Name: Cole
Email Address: jcole@bluesource.com
Affiliation: Blue Source

Subject: Comments on Cap and Trade Regulation and Forest Project Protocol
Comment:

California Air Resources Board
Kevin M. Kennedy
Assistant Executive Officer - Climate Change
1001 I Street
Sacramento, CA 95812

August 11, 2011

Dear Mr. Kennedy:

We appreciate the opportunity to comment on the California Air Resources Board's proposed Cap and Trade Regulation and Protocol for U.S. Forest Projects under AB32. This effort is extremely important given the state's and ARB's leadership in climate policy design and implementation.

Moreover, the need for sufficient supply of offsets to "bridge the gap" while low-carbon energy and industrial solutions are further deployed makes a well-designed regulatory framework that fosters market development and implementation of multiple project types even more critical. We believe the attached comments, which focus on the provisions surrounding the use of forest-based offsets, help further that broadly shared goal.

Established in 2001, Blue Source has developed the largest portfolio of carbon credits and projects in North America, and transacted over 20 million tonnes in voluntary and compliance carbon markets. We are developing forest projects under multiple protocols and registries, and have registered and sold CRTs from the first CAR forest project outside California, verified under Forest Project Protocol 3.1.

We look forward to providing ongoing support to the Air Resources Board on forestry and other project types, as well as broader cap and trade initiatives. Please contact us if there is any clarification or additional information we can provide.

Sincerely,

Jeff Cole
Vice President
415-637-5333
jcole@bluesource.com

Attachment: www.arb.ca.gov/lists/capandtrade10/1469-arb_ct_reg_and_forestry_blue_source_comments_8-11-11.pdf

Original File Name: ARB CT Reg and Forestry_Blue Source Comments_8-11-11.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:54:15

No Duplicates.

Comment 116 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Jeanne

Last Name: Merrill

Email Address: jmerrill@calclimateag.org

Affiliation: California Climate & Agriculture Network

Subject: Cap and Trade: Impacts on California Agriculture

Comment:

On behalf of the organizations listed, we welcome the opportunity to comment on the 15-day modifications document to the cap-and-trade regulation. Our comments focus on two aspects of the cap and trade regulation that are critical California agriculture - the design and implementation of offsets credits and CARB's recommendations to the legislature on the use of future allowance revenue.

Attachment: www.arb.ca.gov/lists/capandtrade10/1470-calcan_-_15_day_changes-_cap_and_trade_-_8-11-11.docx

Original File Name: CalCAN - 15 day changes- cap and trade - 8-11-11.docx

Date and Time Comment Was Submitted: 2011-08-11 15:54:52

No Duplicates.

Comment 117 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Laura

Last Name: Beane

Email Address: laura.beane@iberdrolaren.com

Affiliation:

Subject: Iberdrola Renewables Comments on CARB's Proposed Cap-and-Trade Program
Comment:

Iberdrola Renewables appreciates the opportunity to comment on CARB's proposed regulation to implement the California cap-and-trade program and submits the following comments. For questions or discussion please contact Laura Beane at laura.beane@iberdrolaren.com or 503-478-6306.

Attachment: www.arb.ca.gov/lists/capandtrade10/1471-iberdrola_renewables_carb_cap-and_trade_program_comments.pdf

Original File Name: Iberdrola Renewables CARB Cap-and Trade Program Comments.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:52:24

No Duplicates.

Comment 118 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Nicholas W.
Last Name: van Aelstyn
Email Address: nvanaelstyn@bdlaw.com
Affiliation: Beveridge & Diamond, P.C.

Subject: Comments of Guardian Industries Corp. on Proposed Modifications to the Cap-and-Trade Rule

Comment:

On behalf of Guardian Industries Corp., I submit the attached comments on the California Air Resources Board's Proposed Modifications to the California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation.

Sincerely,

Nicholas W. van Aelstyn

Attachment: www.arb.ca.gov/lists/capandtrade10/1472-2011-08-11_guardian_comments_on_modifications_to_cap-and-trade_rule.pdf

Original File Name: 2011-08-11 Guardian Comments on Modifications to Cap-and-Trade Rule.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:51:46

No Duplicates.

Comment 119 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Bruce

Last Name: McLaughlin

Email Address: mclaughlin@braunlegal.com

Affiliation:

Subject: 15-Day Regulations for C&T Offset Provisions

Comment:

Please accept for filing these Comments of the Offsets Working Group on the 15-Day Language for the C&T Regulations.

Attachment: www.arb.ca.gov/lists/capandtrade10/1473-20110811_owg_15_day_comments.pdf

Original File Name: 20110811_OWG_15 Day comments.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:56:08

No Duplicates.

Comment 120 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Brian

Last Name: Nowicki

Email Address: bnowicki@biologicaldiversity.org

Affiliation: Center for Biological Diversity

Subject: Comments and Attachments

Comment:

The Center for Biological Diversity submits these comments on the proposed modifications to the AB 32 Greenhouse Gas Cap-and-Trade regulation. These comments focus on the sections of the Cap-and-Trade regulation related to offset credits, the forest offset protocol, forest biomass combustion, and the adaptive management program to mitigate environmental impacts to forests.

Attachment: www.arb.ca.gov/lists/capandtrade10/1474-center_for_biological_diversity_comments_and_attachments.zip

Original File Name: Center_for_Biological_Diversity_Comments_and_Attachments .zip

Date and Time Comment Was Submitted: 2011-08-11 15:24:52

No Duplicates.

Comment 121 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: James

Last Name: Campbell

Email Address: james.campbell@pacificorp.com

Affiliation:

Subject: PacifiCorp CNT 15-day Comments

Comment:

Please find attached my comments.

Attachment: www.arb.ca.gov/lists/capandtrade10/1475-final_ct_july_25_15-day_comments.pdf

Original File Name: Final CT July 25 15-day Comments.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:01:15

No Duplicates.

Comment 122 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Joseph
Last Name: Seymour
Email Address: jseymour@ttcorp.com
Affiliation: Renewable Energy Markets Association

Subject: Renewable Energy Markets Association's (REMA) Comments on California C&T
VRE Set-Aside

Comment:

On behalf of the Renewable Energy Markets Association (REMA),
please accept these comments on the Proposed California Cap on
Greenhouse Gas Emissions and Market-Based Compliance Mechanisms
Regulation, Article 5.

The comments are in PDF format, and entitled,
"REMA_CARB_VRE_FINAL_8112011"

For additional questions or clarification on REMA's
recommendations, please contact me, Joseph Seymour, REMA Policy and
Governmental Affairs Coordinator, at jseymour@ttcorp.com.

Best regards,
Joseph Seymour
Program Coordinator - Policy and Government Affairs
Renewable Energy Markets Association
jseymour@ttcorp.com
202-640-6597 x302
<http://www.renewablemarketers.org/>

Attachment: www.arb.ca.gov/lists/capandtrade10/1476-rema_carb_vre_final_8112011.pdf

Original File Name: REMA_CARB_VRE_FINAL_8112011.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:37:01

No Duplicates.

Comment 123 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Evelyn

Last Name: Kahl

Email Address: ek@a-klaw.com

Affiliation:

Subject: EPUC Cap/Trade Comments

Comment:

Attached are the comments of the Energy Producers & Users Coalition regarding Treatment of Electricity Use and CHP Generation for Energy Intensive Trade Exposed Entities in GHG Cap-and-Trade Market

Attachment: www.arb.ca.gov/lists/capandtrade10/1477-epuc_comments_on_revised_c-t_regulations.pdf

Original File Name: EPUC Comments on Revised C-T Regulations.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:04:28

No Duplicates.

Comment 124 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Nicholas

Last Name: Martin

Email Address: nmartin@americancarbonregistry.org

Affiliation: American Carbon Registry

Subject: American Carbon Registry comments on Modified Text of Cap-and-Trade Regulation
Comment:

Please find attached the American Carbon Registry's comments on ARB's Modified Text of the Cap-and-Trade Regulation. Thank you.

Attachment: www.arb.ca.gov/lists/capandtrade10/1478-acr_comments_on_15-day_modified_text_08-11-11_final.pdf

Original File Name: ACR comments on 15-day Modified Text 08-11-11 FINAL.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:05:30

No Duplicates.

Comment 125 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Rob

Last Name: Simon

Email Address: Robert_Simon@americanchemistry.com

Affiliation: American Chemistry Council

Subject: California Cap on Greenhouse Gas Emissions and Market-Based Compliance
Mechanisms Reg

Comment:

The Industrial Gases Panel of the American Chemistry Council appreciates the opportunity to submit comments on the "Development of Product Benchmarks for Allowance Allocation" posted on July 25 and 27, 2011. We offer the enclosed comments to inform and enhance the Air Resource Board's efforts.

Attachment: www.arb.ca.gov/lists/capandtrade10/1479-igp_comments_arb_15_day_benchmarking.docx

Original File Name: IGP Comments ARB 15 day BENCHMARKING.docx

Date and Time Comment Was Submitted: 2011-08-11 16:02:14

No Duplicates.

Comment 126 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Evelyn

Last Name: Kahl

Email Address: ek@a-klaw.com

Affiliation:

Subject: CAC Cap/Trade Comments

Comment:

Attached are the comments of the Cogeneration Association of California regarding Treatment of Electricity Use and CHP Generation for Energy Intensive Trade Exposed Entities in GHG Cap-and-Trade Market

Attachment: www.arb.ca.gov/lists/capandtrade10/1480-cac_comments_on_revised_c-t_regulations.pdf

Original File Name: CAC Comments on Revised C-T Regulations.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:04:28

No Duplicates.

Comment 127 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Jimmy

Last Name: Samartzis

Email Address: jimmy.samartzis@united.com

Affiliation: United Airlines, Inc.

Subject: United Airlines, Inc. Comments on California Cap and Trade Regulation

Comment:

Please find attached the United Airlines, Inc. comments on the proposed changes to the California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, Including Compliance Offset Protocols.

Attachment: [www.arb.ca.gov/lists/capandtrade10/1481-](http://www.arb.ca.gov/lists/capandtrade10/1481-united_airlines__inc._california_cap_and_trade_comments_8.11.2011.pdf)

[united_airlines__inc._california_cap_and_trade_comments_8.11.2011.pdf](http://www.arb.ca.gov/lists/capandtrade10/1481-united_airlines__inc._california_cap_and_trade_comments_8.11.2011.pdf)

Original File Name: United Airlines, Inc. California Cap and Trade Comments 8.11.2011.PDF

Date and Time Comment Was Submitted: 2011-08-11 15:46:01

No Duplicates.

Comment 128 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Elizabeth

Last Name: Hadley

Email Address: ehadley@reupower.com

Affiliation: Redding Electric Utility

Subject: Cap-&-Trade Comments from Modesto, Redding, & Turlock

Comment:

Attached please find comments from the Modesto Irrigation District, Redding Electric Utility, and the Turlock Irrigation District on the proposed changes to the cap-and-trade regulation.

Attachment: www.arb.ca.gov/lists/capandtrade10/1482-captrade_15-day_comments_from_modesto_redding_turlock__8-11-11_.pdf

Original File Name: CapTrade 15-day Comments from Modesto_Redding_Turlock (8-11-11).pdf

Date and Time Comment Was Submitted: 2011-08-11 16:04:50

No Duplicates.

Comment 129 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: LeiLani
Last Name: Johnson Kowal
Email Address: leilani.johnson@ladwp.com
Affiliation: LADWP

Subject: LADWP Comments on AB 32 Cap-and-Trade 15-Day Modified Text
Comment:

Attached, please find Los Angeles Department of Water and Power's comments on the 15-Day Modified Text to the proposed Cap-and-Trade regulation that was released on July 25, 2011.

Sincerely,

LeiLani Johnson Kowal
Legislative and Regulatory Affairs
Los Angeles Department of Water and Power

Attachment: www.arb.ca.gov/lists/capandtrade10/1483-ladwp_comments_ab_32_cap-and-trade_modified_text_8-11-2011.pdf

Original File Name: LADWP Comments_AB 32 Cap-and-Trade Modified Text_8-11-2011.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:05:45

No Duplicates.

Comment 130 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Shawn

Last Name: Bailey

Email Address: sbailey@semprageneration.com

Affiliation: Sempra Generation

Subject: Cap and Trade Comments

Comment:

Please find attached comments from Sempra Generation regarding the CARB Cap and Trade Program.

Attachment: www.arb.ca.gov/lists/capandtrade10/1484-carb_7-2011_c_t_-_sempra_generation_comments.docx

Original File Name: CARB 7-2011 C&T - Sempra Generation Comments.docx

Date and Time Comment Was Submitted: 2011-08-11 15:59:35

No Duplicates.

Comment 131 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Paula
Last Name: Swedeen
Email Address: pswedeen@pacificforest.org
Affiliation: The Pacific Forest Trust

Subject: Comment Letter
Comment:

Dear Mr. Goldstene,

Please accept the attached letter as our comments to the proposed 15-day changes to ARB's Cap and Trade regulations. We thank you for the opportunity to comment and commend your staff for the high quality of work that has gone into this regulatory development process.

Sincerely,

Paula Swedeen, Ph.D.
Director of Ecosystem Service Programs
The Pacific Forest Trust

Attachment: www.arb.ca.gov/lists/capandtrade10/1485-pft_comments_on_15-day_changes_to_the_arb_c_t_regs_2010.pdf

Original File Name: PFT Comments on 15-day Changes to the ARB C&T Regs 2010.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:09:19

No Duplicates.

Comment 132 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Lucy

Last Name: Brehm

Email Address: lbrehm@climatetrust.org

Affiliation: The Climate Trust

Subject: Comments on ARB Cap and Trade Rules

Comment:

Thank you for the opportunity to submit the attached comments regarding the proposed rules for the California Cap and Trade program.

Attachment: www.arb.ca.gov/lists/capandtrade10/1487-tct_arb_cap_and_trade_rule_comments.pdf

Original File Name: TCT ARB Cap and Trade Rule Comments.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:16:36

No Duplicates.

Comment 133 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Amber
Last Name: Riesenhuber
Email Address: amber@iepa.com
Affiliation: IEP

Subject: IEP's Comments on CARB Cap and Trade 15-Day language
Comment:

Attached are IEP's comments on CARB's Cap and Trade 15-day language.

Attachment: www.arb.ca.gov/lists/capandtrade10/1488-iep_comments_on_carb_c_t_15_day_lang_8-11-11--final.docx

Original File Name: IEP Comments on CARB C+T 15 Day Lang 8-11-11--FINAL.docx

Date and Time Comment Was Submitted: 2011-08-11 16:17:54

No Duplicates.

Comment 134 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Norman

Last Name: Plotkin

Email Address: norm@pzallc.com

Affiliation: California Independent Petroleum Associa

Subject: CIPA Comments on Cap and Trade

Comment:

Please find attached comments of the California Independent Petroleum Association (CIPA) on Cap and Trade.

Attachment: www.arb.ca.gov/lists/capandtrade10/1489-cipa_cap_and_trade_comments_august_11__2011.pdf

Original File Name: CIPA Cap and Trade Comments August 11, 2011.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:19:14

No Duplicates.

Comment 135 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Jennifer
Last Name: Chamberlin
Email Address: jchamberlin@lspower.com
Affiliation: LS Power

Subject: Comments of LS Power on July 25, 2011 Revisions to the Cap-and-Trade Regulation
Comment:

LS Power offers the attached comments on the California Air Resources Board ("CARB") July 25, 2011 Notice of Availability of Modified Text for the Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, Including Compliance Offset Protocols ("Cap-and-Trade").

Attachment: www.arb.ca.gov/lists/capandtrade10/1490-110811_ls_power_comments_on_cap-and-trade_15-day_language__00017239_.pdf

Original File Name: 110811_LS Power Comments on Cap-and-Trade 15-Day Language (00017239).PDF

Date and Time Comment Was Submitted: 2011-08-11 16:17:22

No Duplicates.

Comment 136 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Nick

Last Name: Lapis

Email Address: nicklapis@cawrecycles.org

Affiliation: nicklapis@cawrecycles.org

Subject: Comments on Inclusion of MSW Combustion in 15-day Changes to AB 32 Cap-and-Trade Reg

Comment:

Attached please find comments from the following organizations:

Breathe California

Californians Against Waste

Center for Biological Diversity

Environmental Defense Fund

Global Alliance for Incinerator Alternatives

Natural Resources Defense Council

Sierra Club California

Thank you.

Attachment: www.arb.ca.gov/lists/capandtrade10/1491-incineration_in_15-day_revised_cap-and-trade_reg.docx

Original File Name: Incineration in 15-day revised cap-and-trade reg.docx

Date and Time Comment Was Submitted: 2011-08-11 16:22:40

No Duplicates.

Comment 137 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Jim

Last Name: Stewart

Email Address: Jim@EarthDayLA.org

Affiliation: Earth Day Los Angeles

Subject: Fix cap and trade rule, tighten offsets, reduce utility allocations

Comment:

We are concerned about the Environmental Justice impacts in the L.A. area, as outlined in the attached letter.

Attachment: www.arb.ca.gov/lists/capandtrade10/1492-edla-carbltr.doc

Original File Name: EDLA-CARBltr.doc

Date and Time Comment Was Submitted: 2011-08-11 16:15:54

No Duplicates.

Comment 138 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Barry

Last Name: Vesser

Email Address: bvesser@climateprotection.org

Affiliation: Climate Protection Campaign

Subject: Comment on Cap & Trade regulation

Comment:

Thanks for your hard work on this critical regulation. Our detailed comments are attached.

Best,

Barry Vesser

Climate Protection Campaign

Attachment: www.arb.ca.gov/lists/capandtrade10/1493-ltr_comments_carb_8-11-11.pdf

Original File Name: Ltr Comments CARB 8-11-11.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:19:25

No Duplicates.

Comment 139 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Calla

Last Name: Ostrander

Email Address: calla.ostrander@sfgov.org

Affiliation: City & County of San Francisco

Subject: Comments on Cap & Trade Rule Making Changes

Comment:

Dear Chairwoman Nichols and Members of the Air Resources Board,

On behalf of the City and County of San Francisco please accept comments on your recently revised Cap and Trade Rule Making.

Sincerely,

Calla R. Ostrander

Climate Action Coordinator

City & County of San Francisco Department of Environment

Attachment: www.arb.ca.gov/lists/capandtrade10/1494-ccsf_comments_on_revised_ct_rulemaking_8_10_2011_final.pdf

Original File Name: CCSF Comments on Revised CT Rulemaking_8_10_2011_Final.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:15:40

No Duplicates.

Comment 140 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Eric

Last Name: Wong

Email Address: ewong@icfi.com

Affiliation: California Clean DG Coalition

Subject: Comments on Modified Text

Comment:

comments attached

Attachment: www.arb.ca.gov/lists/capandtrade10/1495-c_c_d_c_modified_text_comments_8-11-11.doc

Original File Name: C C D C Modified Text Comments 8-11-11.doc

Date and Time Comment Was Submitted: 2011-08-11 16:26:09

No Duplicates.

Comment 141 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Robert

Last Name: Lucas

Email Address: bob.lucas@calobby.com

Affiliation:

Subject: CCEEB Comment Letter re Cap-and-Trade

Comment:

Thank you for the opportunity to comment. if you have any questions, please contact Bob Lucas at 916-444-7337.

Attachment: www.arb.ca.gov/lists/capandtrade10/1496-cceb_comment_letter_re_cap_and_trade.pdf

Original File Name: CCEEB Comment Letter re Cap and Trade.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:25:22

No Duplicates.

Comment 142 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Kyle

Last Name: Danish

Email Address: kwd@vnf.com

Affiliation: Coalition for Emission Reduction Policy

Subject: CERP Comments on Proposed Modifications to the Cap-and-Trade Regulation

Comment:

Attached please find comments of the Coalition for Emission Reduction Policy (CERP) on the proposed modifications to the cap-and-trade regulation issued on July 25, 2011.

Attachment: www.arb.ca.gov/lists/capandtrade10/1497-cerp_comments_to_arb_on_proposed_cap_and_trade_regulation.pdf

Original File Name: CERP COMMENTS TO ARB ON PROPOSED CAP AND TRADE REGULATION.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:20:49

No Duplicates.

Comment 143 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Roger

Last Name: Williams

Email Address: rwilliams@bluesource.com

Affiliation: Carbon Offset Providers Coalition

Subject: COPC Comments on the Proposed Modifications to the Cap-and-Trade Rule

Comment:

Please see the attached letter setting forth COPC's comments on ARB's proposed modifications to the cap-and-trade regulation.

Attachment: www.arb.ca.gov/lists/capandtrade10/1499-copc_letter_to_carb_re_proposed_modifications_to_cap-and-trade_regulation__2011-08-11__doc.pdf

Original File Name: COPC Letter to CARB re Proposed Modifications to Cap-and-Trade Regulation (2011-08-11) DOC.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:24:35

No Duplicates.

Comment 144 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: james

Last Name: stewart

Email Address: jls.sep@gmail.com

Affiliation:

Subject: COMMENTS ON PROPOSED REGULATION: CALIFORNIA CAP ON
GREENHOUSE GAS EMISSIONS (GHGE) AND MAR

Comment:

Please accept the attached comments by the BioEnergy Producers
Association on this subject.

Jim Stewart

Attachment: [www.arb.ca.gov/lists/capandtrade10/1500-
bioenergy_producers_association_comments.pdf](http://www.arb.ca.gov/lists/capandtrade10/1500-bioenergy_producers_association_comments.pdf)

Original File Name: BioEnergy Producers Association Comments.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:26:08

No Duplicates.

Comment 145 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Jerry

Last Name: Schwartz

Email Address: jerry_schwartz@afandpa.org

Affiliation: AF&PA

Subject: AF&PA Comments on Cap and Trade Proposal

Comment:

Attached are AF&PA's comments on the Notice of Availability of Modified Text and Availability of Additional Documents for the Amendments to the Regulation for Mandatory Reporting of Greenhouse Gas Emissions.

Thank you. Jerry Schwartz

Attachment: www.arb.ca.gov/lists/ghg2010/86-afpa_comments_on_proposed_california_cap_and_trade_final_8-11-11.pdf

Original File Name: AFPA comments on Proposed California Cap and Trade Final 8-11-11.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:15:33

No Duplicates.

Comment 146 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Steven

Last Name: Brink

Email Address: steveb@foresthealth.org

Affiliation: California Forestry Association

Subject: Forest Offsets and Protocol

Comment:

The California Forestry Association offers the attached comments to the Forest Offsets part of the cap and trade rule and Forest Protocol.

We appreciate ARB staff carefully looking at California Forest Industry comments from last December and incorporating technical adjustments as we recommended.

However there are still several technical issues we believe that need further discussion. They are outlined in our attached submittal.

Attachment: www.arb.ca.gov/lists/capandtrade10/1502-capandtraderesponse.doc

Original File Name: capandtraderesponse.doc

Date and Time Comment Was Submitted: 2011-08-11 16:30:16

No Duplicates.

Comment 147 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Miriam

Last Name: Swaffer

Email Address: mswaffer@ucsusa.org

Affiliation: Union of Concerned Scientists & allies

Subject: Offset Protocol Group Comments

Comment:

Please see the attached comments

Attachment: www.arb.ca.gov/lists/capandtrade10/1503-ab_32_compliance_offsets_comments_to_15-day_revised_cap-and-trade_reg_-_group_sign-on_8_11_11.pdf

Original File Name: AB 32 Compliance Offsets comments to 15-day revised cap-and-trade reg - group sign-on 8_11_11.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:26:25

No Duplicates.

Comment 148 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Nancy

Last Name: Allred

Email Address: nancy.allred@sce.com

Affiliation: Southern California Edison Company

Subject: SCE Comments on Cap-and-Trade 15-Day Comments

Comment:

Please see attached comments of SCE on the 15-day modifications to the cap-and-trade regulation.

Attachment: www.arb.ca.gov/lists/capandtrade10/1504-sce_comments_to_arb_on_cap-and-trade_15_day_language_july_2011.pdf

Original File Name: SCE Comments to ARB on Cap-and-Trade 15 Day Language July 2011.pdf

Date and Time Comment Was Submitted: 2011-08-11 15:54:36

No Duplicates.

Comment 149 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Camille

Last Name: Kustin

Email Address: camille@betterworldgroup.com

Affiliation:

Subject: Coalition letter on industrial allocations and benchmarks

Comment:

The Global Warming Action Coalition submits the following letter on industrial allocations, greenhouse gas benchmarks, and refinery benchmarks.

Attachment: www.arb.ca.gov/lists/capandtrade10/1505-gwac-industrialcomments8_11final.pdf

Original File Name: GWAC-industrialcomments8_11FINAL.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:06:42

No Duplicates.

Comment 150 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Thomas

Last Name: Corr

Email Address: thomaspcorr@gmail.com

Affiliation:

Subject: NOBLE SOLUTIONS COMMENTS ON MRR AND CAP-AND-TRADE
PROPOSED REGULATIONS

Comment:

Comments of Noble Solutions

Attachment: www.arb.ca.gov/lists/capandtrade10/1506-noble_solutions_comments_on_mrr_and_c_t_.pdf

Original File Name: NOBLE SOLUTIONS COMMENTS on MRR and C&T .pdf

Date and Time Comment Was Submitted: 2011-08-11 16:36:05

No Duplicates.

Comment 151 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Emily

Last Name: Rooney

Email Address: emily@agcouncil.org

Affiliation:

Subject: Cap & Trade Comments

Comment:

Please see attachment.

Attachment: www.arb.ca.gov/lists/capandtrade10/1508-cap___trade_15_day_comments.pdf

Original File Name: Cap & Trade 15 Day Comments.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:40:57

No Duplicates.

Comment 152 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Gerald

Last Name: Miller

Email Address: gerald_miller@praxair.com

Affiliation: Praxair, Inc.

Subject: Comments of Praxair, Inc. on the July 25, 2011 Revisions to the Cap-and-Trade Regulation

Comment:

Praxair, Inc. submits these comments to the California Air Resources Board ("CARB") in response to the July 15, 2011 public notice of modified text to CARB's Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, Including Offset Protocols ("Cap-and-Trade").

Attachment: www.arb.ca.gov/lists/capandtrade10/1509-praxair-carb_cap_and_trade_comments_8-2011__00017259_.pdf

Original File Name: Praxair-CARB Cap and Trade Comments 8-2011 (00017259).PDF

Date and Time Comment Was Submitted: 2011-08-11 16:37:41

No Duplicates.

Comment 153 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Nicholas W.
Last Name: van Aelstyn
Email Address: nvanaelstyn@bdlaw.com
Affiliation: Beveridge & Diamond, P.C.

Subject: Comments of Powerex Corp. on Proposed Modifications to Cap-and-Trade Rule
Comment:

On behalf of Powerex Corp., I submit the following comments on the California Air Resources Board's Proposed Modifications to the California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation.

Sincerely,

Nicholas W. van Aelstyn

Attachment: www.arb.ca.gov/lists/capandtrade10/1510-2011-08-11_powerex_comments_on_proposed_modifications_to_mrr_and_cap-and-trade_rule.pdf

Original File Name: 2011-08-11 Powerex Comments on Proposed Modifications to MRR and Cap-and-Trade Rule.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:33:55

No Duplicates.

Comment 154 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Camille

Last Name: Kustin

Email Address: camille@betterworldgroup.com

Affiliation:

Subject: Coalition letter on utility allocations, program design, and other provisions

Comment:

The Global Warming Action Coalition submits the following letter on utility allocations, program design, allowance value, and other provisions.

Attachment: www.arb.ca.gov/lists/capandtrade10/1511-15-day_comments_on_program_design_utility_allocation_and_allowance_value_final.pdf

Original File Name: 15-day comments on program design utility allocation and allowance value FINAL.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:40:24

No Duplicates.

Comment 155 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Tim

Last Name: OConnor

Email Address: toconnor@edf.org

Affiliation: EDF

Subject: Comments on proposed 15 day changes to the cap-and-trade regulation

Comment:

Please see attached comments from a coalition of environmental NGOs related to adaptive management of the cap-and-trade program.

Attachment: www.arb.ca.gov/lists/capandtrade10/1512-comments_on_ab_32_adaptive_management.pdf

Original File Name: Comments on AB 32 adaptive management.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:40:07

No Duplicates.

Comment 156 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Lily

Last Name: Mitchell

Email Address: l Mitchell@hanmor.com

Affiliation: SCPPA

Subject: SCPPA comments on 15-day changes to Cap and Trade Regulation

Comment:

Please find attached the comments of the Southern California Public Power Authority on the 15-day changes to the Cap and Trade Regulation.

Attachment: www.arb.ca.gov/lists/capandtrade10/1513-300226001lmm08111101_cap_and_trade_comment_15-day__1_.pdf

Original File Name: 300226001lmm08111101 Cap and Trade comment 15-day _1_.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:44:55

No Duplicates.

Comment 157 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Janet

Last Name: Bell

Email Address: jbell@mwdh2o.com

Affiliation:

Subject: Metropolitan Water District Comments on Cap and Trade

Comment:

Attached is Metropolitan Water District's comment letter on the proposed Cap and Trade regulations.

Attachment: www.arb.ca.gov/lists/capandtrade10/1514-jk_carb_15_day_cap_and_trade_regulation_august2011_finalsigned.pdf

Original File Name: JK_CARB 15 DAY CAP and TRADE REGULATION August2011 finalsigned.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:32:46

No Duplicates.

Comment 158 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Milan

Last Name: Steube

Email Address: milans@cox.net

Affiliation:

Subject: Definition of Onshore Petroleum and Natural Gas Production Facility

Comment:

The terms "located at a well pad" and "associated with a well pad" or "associated with wells" used in the definition of an "onshore petroleum and natural gas production facility" and in other places in the regulation are not clearly defined in either 40 CFR Part 98 Subpart W or in ARB's MRR rule. A question seeking clarification of these terms from EPA resulted in the following response:

"EPA has reviewed your question and is unable to respond at this time. Your question relates to an issue or issues currently the subject of ongoing litigation. Please monitor the website for any additional guidance that may be available in the future."

As a result, operators of onshore oil and gas production facilities are each making their own interpretations of how to define their facilities to report 2011 emissions. There will likely be different interpretations by different operators, resulting in inconsistencies. If this new reporting requirement brings new facilities into the cap-and-trade universe or significantly increases reported emissions from facilities already in the universe, how will that affect the initial allocation process and those facilities' ability to comply with the requirements of the cap-and-trade rule?

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-08-11 16:30:35

No Duplicates.

Comment 159 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Mary

Last Name: Lynch

Email Address: mary.lynch@constellation.com

Affiliation: Constellation NewEnergy

Subject: Comments on Cap and Trade MRO

Comment:

Attached are comments on the Cap and Trade MRO

Attachment: www.arb.ca.gov/lists/capandtrade10/1517-constellation_ghg_comments_8-11-11__2__final.pdf

Original File Name: Constellation GHG comments 8-11-11 (2) final.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:41:25

No Duplicates.

Comment 160 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Camille

Last Name: Kustin

Email Address: camille@betterworldgroup.com

Affiliation:

Subject: Coalition letter on biofuels exemption and hydrogen production benchmarks

Comment:

The Global Warming Action Coalition submits the following letter on the transportation biofuels exemption and hydrogen production benchmarks.

Attachment: www.arb.ca.gov/lists/capandtrade10/1518-transportation_cap__trade_letterfinal.pdf

Original File Name: Transportation Cap Trade letterFINAL.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:46:43

No Duplicates.

Comment 161 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Lily
Last Name: Mitchell
Email Address: l Mitchell@hanmor.com
Affiliation: SCPPA

Subject: SCPPA comments on biomass-derived fuel provisions in C&T Regulation and MRR
Comment:

Please find attached the comments of the Southern California Public Power Authority on the provisions on biomass-derived fuel in the 15-day versions of the Cap and Trade Regulation and the Mandatory Reporting Regulation.

Attachment: www.arb.ca.gov/lists/capandtrade10/1519-300226001lmm08111103_biofuel_comment_15-day__1_.pdf

Original File Name: 300226001lmm08111103 Biofuel comment 15-day _1_.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:46:49

No Duplicates.

Comment 162 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Carla

Last Name: Banks

Email Address: carla.banks@rocklandcapital.com

Affiliation:

Subject: Existing contracts with no carbon cost pass-through

Comment:

La Paloma Generating Company (La Paloma) owns and operates a 1,020 MW natural gas combined cycle generating facility in McKittrick, CA. La Paloma supports the development and implementation of a cap and trade program as a means of achieving emission reductions under Assembly Bill 32 (AB32). Further, La Paloma appreciates the opportunity to provide comments to the California Air Resources Board (CARB) on its Modified Regulation Order for a California Greenhouse Gas Cap and Trade Program (MRO), because we are concerned that certain issues are not being adequately addressed.

Our predominant concern focuses on the lack of assistance for generators with long-term contracts that do not provide for full pass-through of carbon costs. La Paloma has a fixed price power contract that was signed in 2005 with a non-utility, trading group. This contract does not address carbon costs and does not provide for any means of La Paloma recovering the costs of carbon associated with cap-and-trade. The terms of our contract cover 240 MW (one of the four units at La Paloma) for 2013-2017, and the dispatch of that unit is driven by our contract counterparty. The total cost of carbon to La Paloma obviously depends on the final price of carbon in the market, but with a minimum price of carbon of \$10/ton we will experience additional costs of at least \$5.8 MM per year.

The CARB staff has suggested that bilateral contract negotiations would be the preferred method to handle this issue. However, for contracts with a non- IOU as the Purchaser of power for the contract there is no pressure on the Purchaser to renegotiate, particularly if the Purchaser has an advantage over the market pricing. Therefore, we believe that CARB needs to directly address in the regulation how to assist the independent power producers that cannot pass through carbon costs in existing contracts. Other sectors, including utilities and industrial entities, are provided a direct allocation of allowances, and independent power producers should have at least equal treatment. Without equal treatment for the independent power producers, it would appear as if the implementation of AB32 discriminates against a limited subset of generators.

Recognizing that there is not a single solution that will address each of these types of contracts, La Paloma is open to a variety of solutions. The direct allocation of allowances to power producers with these existing contracts is the most straightforward solution, and as a member of the Western Power Trading Forum, La Paloma supports their comments regarding allowance allocation for this situation. Other solutions that redirect the obligation for carbon

cost to the Purchaser of power in these contracts would also accomplish the goal. Regardless of the final methodology, it is essential that CARB address the existence of these contracts and the financial burden they place on the power producers involved in them.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-08-11 16:46:13

No Duplicates.

Comment 163 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: greg

Last Name: karras

Email Address: gkatche@gmail.com

Affiliation:

Subject: comment on 15 day changes--cap and trade

Comment:

Please see the attached comment letter and six (6) attachments

Attachment: www.arb.ca.gov/lists/capandtrade10/1521-attachment_6.pdf

Original File Name: Attachment 6.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:49:10

No Duplicates.

Comment 164 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: William

Last Name: Westerfield

Email Address: wwester@smud.org

Affiliation: Sacramento Municipal Utility District

Subject: SMUD Comments on Prop. 15-Day Mod. to CA Cap on GHG Emissions

Comment:

Please find attached SMUD Comments on Proposed 15-Day Modifications to California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation.

Attachment: [www.arb.ca.gov/lists/capandtrade10/1522-](http://www.arb.ca.gov/lists/capandtrade10/1522-smud_comments_on_prop_15_day_mod_to_ca_cap_on_ghg_emissions.pdf)

[smud_comments_on_prop_15_day_mod_to_ca_cap_on_ghg_emissions.pdf](http://www.arb.ca.gov/lists/capandtrade10/1522-smud_comments_on_prop_15_day_mod_to_ca_cap_on_ghg_emissions.pdf)

Original File Name: SMUD Comments on Prop 15 Day Mod to CA Cap on GHG Emissions.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:49:40

No Duplicates.

Comment 165 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: James

Last Name: Wintergreen

Email Address: jtw@firstenvironment.com

Affiliation: First Environment, Inc.

Subject: First Environment 15-day comments on C&T regulation

Comment:

First Environment's 15-day comments on the proposed cap and trade regulation are provided in the attached letter.

Attachment: www.arb.ca.gov/lists/capandtrade10/1523-firstenvironment_15daycomments_c_tregulation.pdf

Original File Name: FirstEnvironment_15daycomments_C&Tregulation.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:48:19

No Duplicates.

Comment 166 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: greg

Last Name: karras

Email Address: gkatche@gmail.com

Affiliation:

Subject: comment on 15 day changes--cap and trade

Comment:

Comment to be followed by 6 attachments

Attachment: www.arb.ca.gov/lists/capandtrade10/1524-cbe_comment-arb_081111.pdf

Original File Name: CBE Comment-ARB 081111.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:49:10

No Duplicates.

Comment 167 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: greg

Last Name: karras

Email Address: gkatche@gmail.com

Affiliation:

Subject: comment on 15 day changes--cap and trade

Comment:

Comment to be followed by 6 attachments

Attachment: www.arb.ca.gov/lists/capandtrade10/1525-attachment_crude-1.pdf

Original File Name: Attachment Crude-1.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:49:10

No Duplicates.

Comment 168 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: greg

Last Name: karras

Email Address: gkatche@gmail.com

Affiliation:

Subject: comment on 15 day changes--cap and trade

Comment:

Comment to be followed by 6 attachments

Attachment: www.arb.ca.gov/lists/capandtrade10/1526-attachment_2.pdf

Original File Name: Attachment 2.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:49:10

No Duplicates.

Comment 169 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: greg

Last Name: karras

Email Address: gkatche@gmail.com

Affiliation:

Subject: comment on 15 day changes--cap and trade

Comment:

Comment to be followed by 6 attachments

Attachment: www.arb.ca.gov/lists/capandtrade10/1527-attachment_3.pdf

Original File Name: Attachment 3.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:49:10

No Duplicates.

Comment 170 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: greg

Last Name: karras

Email Address: gkatche@gmail.com

Affiliation:

Subject: comment on 15 day changes--cap and trade

Comment:

Comment to be followed by 6 attachments

Attachment: www.arb.ca.gov/lists/capandtrade10/1528-attachment_4.pdf

Original File Name: Attachment 4.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:49:10

No Duplicates.

Comment 171 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: greg

Last Name: karras

Email Address: gkatche@gmail.com

Affiliation:

Subject: comment on 15 day changes--cap and trade

Comment:

Comment to be followed by 6 attachments

Attachment: www.arb.ca.gov/lists/capandtrade10/1529-attachment_5.pdf

Original File Name: Attachment 5.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:49:10

No Duplicates.

Comment 172 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: John
Last Name: Larrea
Email Address: john@clfp.com
Affiliation:

Subject: Comments on 15-day changes to Cap-and-trade Reg
Comment:

Attached are the comments of the California League of Food
Processors on the 15-day proposed changes to the cap and trade reg

Attachment: www.arb.ca.gov/lists/capandtrade10/1530-clfp_candt_comments__8-11-2011.docx

Original File Name: CLFP CandT Comments 8-11-2011.docx

Date and Time Comment Was Submitted: 2011-08-11 16:52:45

No Duplicates.

Comment 173 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Stephen

Last Name: Burns

Email Address: stephen.burns@Chevron.com

Affiliation:

Subject: Chevron Comments on Proposed Modification to Cap and Trade
Comment:

Please find our attached comments for your consideration.

Attachment: www.arb.ca.gov/lists/capandtrade10/1531-cvx_proposed_modification_cap_and_trade_15_day_8-11-11_final.pdf

Original File Name: CVX_Proposed_Modification Cap and Trade 15 Day 8-11-11 Final.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:53:09

No Duplicates.

Comment 174 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Andrew

Last Name: Brown

Email Address: abb@eslawfirm.com

Affiliation: Ellison, Schneider & Harris LLP

Subject: Comments of ACE Cogeneration and Rio Bravo on CARB's 15-Day Language
Comment:

ACE Cogeneration and Rio Bravo submit these comments to the California Air Resources Board ("CARB") in response to the July 15, 2011 public notice of modified text to CARB's Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, Including Offset Protocols ("Cap-and-Trade").

Attachment: www.arb.ca.gov/lists/capandtrade10/1532-110811_ace_and_rio_bravo_comments_on_carbs_cnt_regulation__00017266_.pdf

Original File Name: 110811_ACE and Rio Bravo Comments on CARBs CNT Regulation (00017266).PDF

Date and Time Comment Was Submitted: 2011-08-11 16:52:55

No Duplicates.

Comment 175 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Marcie

Last Name: Keever

Email Address: mkeever@foe.org

Affiliation: Friends of the Earth US

Subject: Comments of FoE US, Greenpeace, IFG and RAN

Comment:

Please find attached the comments of Friends of the Earth US, Greenpeace, the International Forum on Globalization and Rainforest Action Network on the 15-day Rulemaking Package.

Attachment: www.arb.ca.gov/lists/capandtrade10/1533-comments_to_arb_on_15-day_changes_foe_gp_ifg_ran_081111.pdf

Original File Name: Comments to ARB on 15-day Changes FoE GP IFG RAN 081111.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:16:17

No Duplicates.

Comment 176 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Susie

Last Name: Berlin

Email Address: sberlin@mccarthylaw.com

Affiliation: 408-288-2085

Subject: NCPA Comments on Cap-and-Trade Program Modified Text

Comment:

Attached please find the comments of the Northern California Power Agency on the proposed modifications to the Cap-and-Trade Program Regulation.

Attachment: www.arb.ca.gov/lists/capandtrade10/1534-ncpa_comments_on_7-25-11_15-day_revisions_for_cap_and_trade_proposed_reg__final_8-11-11_.pdf

Original File Name: NCPA Comments on 7-25-11 15-day revisions for cap and trade proposed reg _final 8-11-11_.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:55:47

No Duplicates.

Comment 177 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Camille

Last Name: Kustin

Email Address: camille@betterworldgroup.com

Affiliation:

Subject: REVISED: Coalition letter on utility allocations, program design, and other provisions
Comment:

REVISED: The Global Warming Action Coalition submits the following letter on utility allocations, program design, allowance value, and other provisions.

Attachment: www.arb.ca.gov/lists/capandtrade10/1535-15-day_comments_on_program_design_utility_allocation_and_allowance_value_final.pdf

Original File Name: 15-day comments on program design utility allocation and allowance value FINAL.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:56:49

No Duplicates.

Comment 178 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Brenda

Last Name: Coleman

Email Address: brenda.coleman@calchamber.com

Affiliation: California Chamber of Commerce

Subject: Cal Chamber Comments on Cap & Trade
Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1536-c_t_comments.pdf

Original File Name: C&T comments.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:55:57

No Duplicates.

Comment 179 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Rain
Last Name: Marshall
Email Address: rmarshall@yuroktribe.nsn.us
Affiliation: Office of Tribal Attorney

Subject: Yurok revisions to cap and trade regulations
Comment:

190 Klamath Blvd. P.O. Box 1027 Klamath, CA 95548
Tel. 707.482.1350 Fax 707.482.1363
August 11, 2011

Dear California Air Resources Board:

This letter is in response to your notice for formal written comments to your proposed cap and trade regulation changes. First, the Tribe commends the ARB on their thoughtful recognition of tribal governments as Native sovereign nations. The Yurok Tribe appreciates the ARB's efforts in including tribes in this rulemaking process.

Our suggested revisions to the regulations are included as track changes in the attached document and more fully explained in this letter. Specifically, we are adding language to Sections 95975 (1)(1) which states "irrespective of the form of relief sought, whether monetary or otherwise with such forms of relief, whether monetary or otherwise, which are acceptable to the ARB," and Section 95975 (1)(3) which states "with proof of federal approval, or proof that federal approval is not required, of the Tribe's participation." (strikethrough ARB's language, underline Tribe's language)

Concerning our suggested revision to Section 95975(1)(3), the Solicitor of the Department of the Interior has not provided a formal opinion on the subject of federal approval of carbon sales on tribal lands.

Regarding our revision to Section 95975(1)(1), per California Government Code Section 825 (a) which states "Nothing in this section authorizes a public entity to pay that part of a claim or judgment that is for punitive or exemplary damages." There are similar provisions to protect the federal government and the state of California. It would be discriminatory to only have punitive damages for Indian Tribes. The Tribe's proposed substitute language under this section adequately allows the ARB to seek the remedies which are necessary to robustly enforce your regulations.

Each Tribal carbon project is complex and will require a tailored approach.

Thank you for considering our revisions.

Sincerely,

/s/John Corbett,
Senior Attorney

Attachment: www.arb.ca.gov/lists/capandtrade10/1537-yurok_comments_8.11.11.pdf

Original File Name: yurok comments 8.11.11.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:28:12

No Duplicates.

Comment 180 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Ian
Last Name: McGowan
Email Address: imcgowan@3degreesinc.com
Affiliation:

Subject: 3Degrees' comments on C&T 15-day proposed modifications
Comment:

Hello,

3Degrees appreciates the opportunity to comment on ARB's cap and trade regulation. Our comments are attached.

Thank you.

Attachment: www.arb.ca.gov/lists/capandtrade10/1538-3degrees_comments_on_carb_ets_8.11.11.pdf

Original File Name: 3Degrees comments on CARB ETS_8.11.11.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:56:51

No Duplicates.

Comment 181 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Martin

Last Name: Hopper

Email Address: sberlin@mccarthyllaw.com

Affiliation:

Subject: M-S-R Comments

Comment:

Attached please find the comments of the M-S-R Public Power Agency on the proposed modifications to the Cap-and-Trade Program Regulation.

Attachment: www.arb.ca.gov/lists/capandtrade10/1540-m-s-r_comments_re_replacement_electricity__final_8-11-11_.pdf

Original File Name: M-S-R comments re replacement electricity _final 8-11-11_.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:59:15

No Duplicates.

Comment 182 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Cynthia
Last Name: Cory
Email Address: ccory@cfbf.com
Affiliation: California Farm Bureau Federation

Subject: Proposed Cap and Trade Regulation
Comment:

August 11, 2011

Clerk of the Board
California Air Resources Board
1001 I Street
Sacramento, California 95814

Re: Comments on CARB Modified Text for the Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanism Regulation

Dear California Air Resources Board Members:

The California Farm Bureau Federation appreciates the opportunity to submit comments on the Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanism Regulation.

The proposed cap-and-trade program will have significant impact on California's family farms and ranches because they utilize the products and services of many of the entities subject to the mandatory greenhouse gas emission reductions. The fuel and electricity providers that provide our energy inputs and the food processors that add value to the numerous agricultural commodities grown in California will have to pass along their price increases to achieve their GHG reductions.

One of our key remaining concerns is that we believe the formula for trade exposure and emissions leakage should be reevaluated to recognize the complexity and impact of agricultural import and export markets. Food processing should be moved to the "high" leakage risk category, due to increasing competition from international and domestic markets.

Food manufacturing is located in the second Industry Assistance Factor and should be moved to the top industry assistance factor tier. The Industry Assistance Factor is essentially the ability an industry has to pass-on carbon costs. With low-cost competitors throughout the world, even a minimal increase in cost could displace local U.S. markets, giving more ground to domestic and international competitors.

California grows and processes approximately 90% of all U.S. processing tomatoes. However, China is now the world's second largest producer, nearly doubling its crop size over the past few years. Additionally, China has tripled its processed peach exports from 2006-2010. Any fraction increase in price will put our local farmers at a further disadvantage.

The California agricultural community is diverse and our issues

span the entire journey from the farm to the fork. We appreciate your attention to our concerns from a production agricultural perspective in addition to the needs of many of our 400 commodities that require handling or processing.

Sincerely,

Cynthia L. Cory
Director, environmental Affairs

Attachment: www.arb.ca.gov/lists/capandtrade10/1542-capandtradefinal.docx

Original File Name: capandtradefinal.docx

Date and Time Comment Was Submitted: 2011-08-11 16:41:08

No Duplicates.

Comment 183 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Joseph
Last Name: Grinnell
Email Address: jlgrinnell@gmail.com
Affiliation:

Subject: Forest protocol
Comment:

see attached

Attachment: www.arb.ca.gov/lists/capandtrade10/1543-grinnell_comments.docx

Original File Name: Grinnell_comments.docx

Date and Time Comment Was Submitted: 2011-08-11 17:01:26

No Duplicates.

Comment 184 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Barry

Last Name: Wallerstein

Email Address: bwallerstein@aqmd.gov

Affiliation:

Subject: SCAQMD Staff Comments on Cap and Trade Rule

Comment:

Please see attached file

Attachment: www.arb.ca.gov/lists/capandtrade10/1544-scaqmdcapandtradecomment.pdf

Original File Name: scaqmdcapandtradecomment.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:59:26

No Duplicates.

Comment 185 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Casey

Last Name: Creamer

Email Address: casey@ccgga.org

Affiliation: CCGGA/WAPA/Nisei

Subject: Cap & Trade Comments

Comment:

see attached

Attachment: www.arb.ca.gov/lists/capandtrade10/1545-captrade15day.pdf

Original File Name: captrade15day.pdf

Date and Time Comment Was Submitted: 2011-08-11 17:02:34

No Duplicates.

Comment 186 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Dan

Last Name: Kalb

Email Address: dkalb@ucsusa.org

Affiliation: Union of Concerned Scientists

Subject: UCS Comments on Cap-and-Trade regulation - Aug. 2011

Comment:

Attached

Attachment: www.arb.ca.gov/lists/capandtrade10/1547-ucs_comments_on_15-day_modified_cap-and-trade_regulation_aug_11.pdf

Original File Name: UCS comments on 15-day modified cap-and-trade regulation_Aug 11.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:37:15

No Duplicates.

Comment 187 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Jim

Last Name: Metropulos

Email Address: jim.metropulos@sierraclub.org

Affiliation: Sierra Club California

Subject: cap and trade 15 day changes

Comment:

Please accept these comments on behalf of Sierra Club California.

Attachment: www.arb.ca.gov/lists/capandtrade10/1548-scca_15_day_ltr_to_carb_110811.pdf

Original File Name: SCCA 15 day ltr to CARB 110811.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:48:08

No Duplicates.

Comment 188 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: jeff

Last Name: cohen

Email Address: jcohen@eosclimate.com

Affiliation:

Subject: EOS comments

Comment:

please use this and delete our prior comment - file name for
document to be deleted is "EOS AB 32 comments Aug 2011"

Attachment: www.arb.ca.gov/lists/capandtrade10/1549-eos_comments_aug_2011.pdf

Original File Name: EOS comments Aug 2011.pdf

Date and Time Comment Was Submitted: 2011-08-11 17:03:08

No Duplicates.

Comment 189 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Tamara

Last Name: Rasberry

Email Address: dxjones@semprautilities.com

Affiliation: Sempra Energy utilities

Subject: Draft Final Comments-ARB's Proposed 15-Day Modifications to Cap&Trade Regulation

Comment:

Attached are comments from Southern California Gas Company and San Diego Gas & Electric, the Sempra Energy utilities on the ARB's Proposed 15-Day Modifications to the Cap & Trade Regulations. Please call us if you have any quesitons. Thank you.

Attachment: www.arb.ca.gov/lists/capandtrade10/1550-seu_ct_modif_reg_draft_final_cmmts_8_11_11.3.pdf

Original File Name: SEu CT Modif Reg Draft Final Cmmts 8 11 11.3.pdf

Date and Time Comment Was Submitted: 2011-08-11 16:33:31

No Duplicates.

Comment 190 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Joel
Last Name: Lepoutre
Email Address: cotb@arb.ca.gov
Affiliation:

Subject: Goal Line, LP
Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1552-goal_line.pdf

Original File Name: Goal Line.pdf

Date and Time Comment Was Submitted: 2011-08-12 11:07:59

No Duplicates.

Comment 191 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: James
Last Name: Mattesich
Email Address: mattesichj@gtlaw.com
Affiliation:

Subject: Greenberg Traurig
Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1553-greenberg.pdf

Original File Name: Greenberg.pdf

Date and Time Comment Was Submitted: 2011-08-12 11:07:59

No Duplicates.

Comment 192 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: Angus
Last Name: Crane
Email Address: acrane@naima.org
Affiliation: NAIMA

Subject: NAIMA Comments - CARB Cap-and-Trade Proposal
Comment:

Attached please find comments from the North American Insulation Manufacturers Association ("NAIMA") on CARB's Notice of Availability of Modified Text and Availability of Additional Documents for the Amendments to the Regulation for Mandatory Reporting of Greenhouse Gas Emissions.

Please do not hesitate to contact me with any questions.

Angus E. Crane
Executive Vice President, General Counsel
NAIMA

Attachment: www.arb.ca.gov/lists/ghg2010/74-naimacomments081111carbcapandtradeproposal.pdf

Original File Name: NAIMAComments081111CARBCapAndTradeProposal.pdf

Date and Time Comment Was Submitted: 2011-08-11 11:10:56

No Duplicates.

Comment 193 for California Cap-and-Trade Program (capandtrade10) - 15-1.

First Name: the Earth

Last Name: Friends of

Email Address: Non-web submitted comment

Affiliation:

Subject: Carbon Offsets-Particularly REDD Credits

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1588-friends_of_the_earth.pdf

Original File Name: Friends of the Earth.pdf

Date and Time Comment Was Submitted: 2011-09-27 11:28:26

No Duplicates.

Comment 1 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Comment Letters

Last Name: Miscellaneous

Email Address:

Affiliation: Received

Subject: General Cap and Trade Comments

Comment:

These comments have been submitted through the online docket system. However, they are not specifically related to the 15-2 day Cap and Trade Modifications, as stated in the Notice dated September 12, 2011.

TO LOCATE THE GENERAL/MISCELLANEOUS CAP AND TRADE COMMENTS RECEIVED, PLEASE REFER TO THE COMMENT LOG AND CLICK ON THE NUMBER IN THE FAR RIGHT COLUMN.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-09-13 11:19:08

7 Duplicates.

Comment 2 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: William

Last Name: Stewart

Email Address: billstewart@berkeley.edu

Affiliation: University of California Berkeley

Subject: ARB v CAR accounting methods for forest wood for energy

Comment:

The attached comment letter provides greater detail on the observation that while this version of the proposed Air Resources Board (ARB) approach to measuring the global climate benefits of using wood waste for renewable energy continues to be in sync with other state, national and international approaches (i.e. clear global benefits when produced as a by-product of sustainable forestry and a low-waste systems of using wood products rather than other energy-intensive products), this position appears to contradict one of the forest offset protocols authored by the non-governmental organization Climate Action Reserve (CAR).

Attachment: www.arb.ca.gov/lists/capandtrade10/1562-arb_vs_car_forest_protocol_calculations.pdf

Original File Name: ARB vs CAR Forest Protocol Calculations.pdf

Date and Time Comment Was Submitted: 2011-09-16 16:46:27

No Duplicates.

Comment 3 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Courtney

Last Name: Olive

Email Address: jcolive@bpa.gov

Affiliation: Bonneville Power Administration

Subject: Bonneville Power Administration's comments on proposed Cap & Trade regs

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1563-9.20.11_comment_to_carb_letter__version_filed_.pdf

Original File Name: 9.20.11_comment_to_carb_letter (version filed).pdf

Date and Time Comment Was Submitted: 2011-09-20 12:32:02

No Duplicates.

Comment 4 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Koji

Last Name: Kawamura

Email Address: kawamura@wapa.gov

Affiliation:

Subject: Western Area Power Admin Comments

Comment:

See attached comments.

Attachment: www.arb.ca.gov/lists/capandtrade10/1564-carbltr9.21.11.pdf

Original File Name: CARBltr9.21.11.pdf

Date and Time Comment Was Submitted: 2011-09-22 07:52:05

No Duplicates.

Comment 5 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: John

Last Name: Bloom

Email Address: houstgrp@pacbell.net

Affiliation: CSCME

Subject: Comments on CARB's September 12, 2011 Second Notice reg Allowance Allocation System

Comment:

Please accept our attached comments on CARB's September 12, 2011 Second Notice of Public Availability of Modified Text and Availability of Additional Documents and Information Regarding a Proposed Modification to the "True-up" Method in The Allowance Allocation System.

Attachment: www.arb.ca.gov/lists/capandtrade10/1565-sept_22_2011_arb_filing.pdf

Original File Name: Sept 22 2011 ARB Filing.pdf

Date and Time Comment Was Submitted: 2011-09-22 13:35:04

No Duplicates.

Comment 6 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Frank

Last Name: Caponi

Email Address: fcaponi@lacsds.org

Affiliation:

Subject: Summittal of LACSD Board Resolution_WTE Exclusion

Comment:

LACSD Board Resolution_WTE Exclusion

Attachment: www.arb.ca.gov/lists/capandtrade10/1566-csd_bd_resolution_submittal_to_carb.pdf

Original File Name: CSD Bd Resolution Submittal to CARB.pdf

Date and Time Comment Was Submitted: 2011-09-23 09:46:35

No Duplicates.

Comment 7 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Patrick

Last Name: Covert

Email Address: pat.covert@valero.com

Affiliation: Valero

Subject: Proposed Changes to the Greenhouse Gas Cap-and-Trade Regulations

Comment:

Valero Refining Company - California and Ultramar Inc (collectively "Valero") appreciate this opportunity to provide comments regarding the California Air Resources Board Proposed Changes to the Greenhouse Gas Cap-and-Trade Regulations, as posted for public comment on September 12, 2011.

Attachment: www.arb.ca.gov/lists/capandtrade10/1567-valero_comment_letter_concerning_proposed_changes_to_the_ghg_cap-and-trade_regulations_9-23-11.pdf

Original File Name: Valero Comment Letter Concerning Proposed Changes to the GHG Cap-and-Trade Regulations 9-23-11.pdf

Date and Time Comment Was Submitted: 2011-09-23 10:42:02

No Duplicates.

Comment 8 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Don

Last Name: Burkard

Email Address: dburkard@ppmsllc.com

Affiliation: Panoche Energy Center

Subject: LTCG unable to pass through costs

Comment:

Pachoe Energy concern about Long-Teram Contract Generators that
can not Pass on costs from AB-32 creating a windfall for PG&E.
See attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1568-carb_comments_110923.pdf

Original File Name: CARB Comments 110923.pdf

Date and Time Comment Was Submitted: 2011-09-23 13:32:47

No Duplicates.

Comment 9 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Andrew

Last Name: Coghlan

Email Address: andrew.coghlan@ucop.edu

Affiliation: University of California

Subject: University of California comments re: cap-and-trade rulemaking

Comment:

Attached are the University of California's comments on CARB's
Proposed 15-day cap-and-trade rulemaking (9/12/2011)

Attachment: www.arb.ca.gov/lists/capandtrade10/1569-uc_comments_to_carb_re_cap_and_trade_9_23_2011.pdf

Original File Name: UC comments to CARB re cap and trade 9 23 2011.pdf

Date and Time Comment Was Submitted: 2011-09-23 16:53:43

No Duplicates.

Comment 10 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Dan

Last Name: Kalb

Email Address: dkalb@ucsusa.org

Affiliation: Union of Concerned Scientists

Subject: UCS cap-and-trade comments + Refinery paper

Comment:

Attached is a zip file with two documents:

- UCS 2nd round (15-day) comments on the cap-and-trade regulation (Offsets; Industrial Allocations; Refinery benchmark)
- UCS Oil Refinery CO2 Performance paper

Thank you,

Dan Kalb and Jasmin Ansar

Attachment: www.arb.ca.gov/lists/capandtrade10/1571-ucs_2nd_round_15_day_cap-and-trade_comments___refinery_paper.zip

Original File Name: UCS 2nd round 15 day cap-and-trade comments + Refinery paper.zip

Date and Time Comment Was Submitted: 2011-09-26 00:03:38

No Duplicates.

Comment 11 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Steven

Last Name: Brink

Email Address: steveb@foresthealth.org

Affiliation: California Forestry Association

Subject: Compliance Offset Protocol for U.S. Forest Projects, Sept. 2011

Comment:

Comments regarding the Compliance Offset Protocol for U.S. Forest Projects, Sept. 2011 are attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1572-110926_cap-and-trade_comments_to_carb.doc

Original File Name: 110926_cap-and-trade_comments_to_CARB.doc

Date and Time Comment Was Submitted: 2011-09-26 07:20:44

No Duplicates.

Comment 12 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Michael
Last Name: Gardner
Email Address: mgardner@gypsum.org
Affiliation: Gypsum Association

Subject: capandtrade10
Comment:

The Gypsum Association represents the collective interests of the United States gypsum board manufacturing industry. On May 12, 2011, the Association submitted aggregate average gypsum board industry CO₂e emissions data to the ARB to assist in the ARB's effort to establish a product-based benchmark for the Gypsum Product Manufacturing sector. The data submitted represented the average CO₂e emissions data for the gypsum wallboard (i.e., plasterboard) manufacturing facilities anticipated to be subject to the cap-and-trade regulations normalized to a production parameter of metric tons of stucco used to produce saleable plasterboard. The ARB used this data to establish a proposed product-based benchmark for plasterboard manufacturing within the gypsum product manufacturing sector (NAICS 327420) and to incorporate additional production reporting requirements for gypsum manufacturing facilities.

On August 11, 2011, the Gypsum Association submitted public comments on Board item capandtrade10. The public comments submitted by the Association were not incorporated into the Second Notice draft for capandtrade10 posted by the ARB on September 12, 2011. At this time, we wish to submit a single, original comment on the draft (Comment #1 below) and to re-submit the previous comments for the public record. In re-submitting the previous comments, it is our understanding that the items proposed in comment #2 below were inadvertently excluded from the revised text and are to be incorporated in a subsequent edition of the regulation.

Comment #1 - The Document Needs a Definition for Stucco

Comments submitted by the Gypsum Association on ghg2010 regarding the correct unit benchmarks for gypsum board caused a dialog to occur between the Association and ARB staff regarding the proper definition for stucco. On the basis of the conversations, the ghg2010 document now includes a definition for stucco.

Since the proposed modification in Comment #2 incorporates the use of the term stucco, the capandtrade10 document should incorporate the definition for stucco that is contained in the Proposed Second 15 Day Modifications for the ghg2010 document. It is therefore proposed that the following definition be added to the capandtrade10 document:

"Stucco means hemihydrate plaster ($\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$) produced by heating ("calcining") raw gypsum, thereby removing three-quarters of its chemically combined water. "

Comment #2 - The Listed Unit for the Proposed Benchmarks for Plasterboard is Incorrect

Our review indicates that the documents posted by the ARB on July 25, 2011, incorrectly identify the unit for the proposed plasterboard benchmark as "Allowances / Short Ton of Plaster Board" in the cap-and-trade regulations and incorrectly identify the production reporting requirement as "the amount of plaster board produced" in the mandatory reporting requirements. The Gypsum Association and its members request that the ARB change the relevant references to correctly identify that the benchmark unit for plasterboard production is based on the mass quantity of stucco used to produce salable plasterboard and not the quantity of plasterboard produced. It is noted that the units of the EU ETS benchmark should also be changed to reflect the mass quantity of stucco used to produce plasterboard rather than mass of plasterboard itself as is currently listed in ARB's 15-day change documents.

Specifically, ARB needs to correct the errors in the following sections of the cap-and-trade regulations, and other 15-day change documents:

- Cap-and-Trade Regulations: Subchapter 10, Article 5, Subarticle 9, §95891. Allocation for Industry Assistance, Table 9-1: Product Based Emissions Efficiency Benchmarks. Units should be changed for the benchmark in the "Plaster Board Manufacturing" activity from "Allowance / Short Ton of Plaster Board" to "Allowance / Short Ton of Stucco Used to Produce Saleable Plasterboard".
- Appendix B: Development of Product Benchmarks for Allowance Allocation, Table B. Comparison of California and EU ETS Product Benchmarks. Units should be changed for all benchmarks (CA Imperial Units, CA SI Units, and EU ETS) in the "Plaster Board Manufacturing" activity from "...Ton of Plaster Board" to "...Ton of Stucco Used to Produce Saleable Plasterboard".

Comment #3 - The Base Year Selected by ARB should Reflect Both Present and Future Production Constraints

The Gypsum Association wants to ensure that the base year that the ARB selects to allocate 2013 allowances for each gypsum board manufacturing plant reflects a fair and reasonable production level. Specifically, the base year should acknowledge both the current economic recession and its impacts on the gypsum board industry and the impact on allocations that will occur when idled capacity is brought back on line at a future date. The Proposed Regulations do not appear to address this very important issue. In May of this year, The Gypsum Association submitted a chart that displays monthly shipments of gypsum board to locations in the State of California for the period 2005 to 2010. This data points out the precipitous decline in shipments in the state during the period noted and reinforces the need for the ARB to be judicious when it establishes a base year for the gypsum board manufacturing facilities located in the State of California. The Gypsum Association requests further information from the ARB on whether or not this base year has been determined for 2013 and would value the opportunity to enter into discussions with the ARB regarding the importance of setting an achievable allocation for 2013 and years beyond.

Comment #4 - The Industry Assistance Factor for the Gypsum Product Manufacturing Industry in Table 8-1 should be Higher.

The Gypsum Association believes that the annual Industry Assistance Factor for the Gypsum Product Manufacturing ("GPM") industry should be 100 percent for the entire period 2013 through 2020. It is our position that in assigning a "medium" leakage risk classification to the GPM industry the ARB has understated the risk leakage for the industry.

In assigning a leakage risk classification to an industry, the ARB applies a methodology that assigns equal weight to the concepts of emissions intensity and trade exposure. While we are of the opinion that the GPM industry should not be evaluated as an "emissions intense" industry, we are concerned that the ARB may be understating the local trade exposure risk to the industry.

Gypsum board is a consistent quality, commodity material that is often transported by rail. As a consequence, gypsum board can be produced in a specific state or country and transported over land and sold in a different state or country. While the ARB is correct in its assessment that gypsum board is not readily imported from or into the State of California from locations outside of North America, it is our opinion that the Appendix K methodology and its reliance on national and regional data may be understating the potential intra-regional trade exposure for gypsum products in the State of California. Our concern is that the ARB has not taken this attribute fully into account when assigning the risk leakage classification to the GPM industry.

The Gypsum Association would value the opportunity to enter into discussions with the ARB regarding this matter.

Attachment: www.arb.ca.gov/lists/capandtrade10/1573-092711_gypsum_association_comment_to_carb_on_capandtrade10_round_2.pdf

Original File Name: 092711 Gypsum Association Comment to CARB on capandtrade10_Round 2.pdf

Date and Time Comment Was Submitted: 2011-09-26 08:01:19

No Duplicates.

Comment 13 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Andrew

Last Name: Weaver

Email Address: weaver@uvic.ca

Affiliation: University of Victoria

Subject: Treatment of Solid Waste Emissions of Greenhouse Gases

Comment:

Please see the attached letter.

Attachment: www.arb.ca.gov/lists/capandtrade10/1574-carb.pdf

Original File Name: CARB.pdf

Date and Time Comment Was Submitted: 2011-09-26 14:06:34

No Duplicates.

Comment 14 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Craig
Last Name: Moyer
Email Address: cmoyer@manatt.com
Affiliation: WIRA

Subject: WIRA's CT Comments on 2nd 15 day package
Comment:

Please see attached the Western Independent Refiners Association
Comments on the Cap and Trade Program Regulation (Sept. 12 2011
Proposed 15 Day Modifications). Thank you.

Attachment: www.arb.ca.gov/lists/capandtrade10/1575-wira_ct_comments_9-26-11.pdf

Original File Name: WIRA CT Comments 9-26-11.pdf

Date and Time Comment Was Submitted: 2011-09-26 16:39:41

No Duplicates.

Comment 15 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Zeynep

Last Name: Erdal

Email Address: zerdal@ch2m.com

Affiliation:

Subject: CARB Cap and Trade 2nd Round of Proposed Revisions

Comment:

Dear Sir/Madame;

In October 2010, CARB released the proposed regulation for the cap and trade program. In a later meeting with CARB staff, the staff agreed to add language to Section 95852.2, Emissions without a Compliance Obligation, under Fugitive and Process emissions, "CH4 and N2O from Municipal Wastewater Treatment Plants." The sheet with that change (Attachment B) was introduced at the December 16, 2010 Board meeting where all the documents were approved by the Board, but the Resolution 10-42 required that Attachment B be subject to 15-day public review, and comments considered.

The first 15-day package was release in July 2011. The language cited above was contained in this package. To our knowledge, no negative comments came were received addressing this specific language. Unfortunately, the second 15-day package released removed the language with no explanation.

It is our opinion that if there were no negative comments from the first 15-day period, the above listed language should not have been removed from the document. We respectfully request correction of this oversight as part of the second round of review comments processing at this time.

If you have any questions or need further clarification of our position, please do not hesitate to contact me at 714-435-6145.

Sincerely,

Zeynep Erdal, PhD, PE

for California Wastewater Climate Change Group (CWCCG)

Submitted on September 26th, 2011

Attachment:

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Comment 16 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Laurie & Allan

Last Name: Williams & Zabel

Email Address: williams.zabel@gmail.com

Affiliation: Volunteers Citizens Climate Lobby

Subject: Comment on Ozone Depleting Substances Protocol

Comment:

AB 32 - Greenhouse Gas Offsets - Comment submitted September 27, 2011

COMMENT ON OZONE DEPLETING SUBSTANCES OFFSET PROTOCOL
AND AB 32 REGULATIONS - IMPLEMENTATION OF AB32

Comment by Laurie Williams & Allan Zabel on behalf of themselves as private citizens, as residents of California and as volunteers, writing on behalf of Citizens Climate Lobby, a non-profit organization located in San Diego, California, asserting that adoption of the proposed greenhouse gas offset program, regulations and protocols is arbitrary and capricious and contrary to the intent and requirements of AB 32, the California's Global Warming Solutions Act of 2006.

Please incorporate by reference our August 2008, December 13, 2010, July 27, 2011 and August 10th, 2011 comments.

This comment focuses on the proposed Ozone Depleting Substances ("ODS") Protocol and provides evidence that protocol does not meet the AB 32 criteria for additionality:

1. Evolving Technology and Public Demand for Environmentally Responsible Practices: The protocol ignores the fact that new, more efficient technologies have been developed and deployed to capture and destroy ODS from refrigerators and their foam insulation. These technologies have become more cost-effective, and demand has grown to avoid ODS releases to the atmosphere. As a result, the traditional approaches of draining ODS from refrigerator compressors, storing non-economic captured ODS indefinitely, and landfilling the ODS laden foam have gradually become more unacceptable and non-competitive. This evidence establishes that the proposed business-as-usual baseline in the proposed ODS protocol is inaccurate and the ODS protocol would provide offsets for many non-additional projects that are already underway. These projects do not meet the AB 32 criteria for additionality ("in addition to any greenhouse gas emission . . . that otherwise would occur," see Section 38562(d)). U.S. Department of Energy funding and other programs have played a role, as has the development of ODS capture and destruction technology in Europe. As a result, much of the ODS destruction that would receive offset credits under the protocol would not be additional to what would have occurred in the absence of the AB 32 program. See Notes below: Note 1 - NY Times Article Sept. 24, 2011; Note 10, GE Press Release Sept. 9, 2011.

2. Evolving Regulatory Context & Perverse Incentives: The protocol ignores the fact that the regulatory context is evolving. California and several other states now prohibit dumping refrigerators and freezers in landfills.

<http://www.riversideca.gov/utilities/fridge-recycle.asp> ;

<http://www.aham.org/industry/ht/a/GetDocumentAction/i/16317> (see page 21 of 122). Authorizing offsets would create a perverse incentive to halt or slow this regulatory progress. See also comment from Michael Wara at Note 15.

3. Existing Operations: The protocol ignores the fact that a growing number of states and other programs are successfully funding and incentivizing capture and destruction of ODS from foam and refrigerators, even though the California Offsets Protocols have not been finalized, suggesting that there is the potential for this activity to be profitable and publicly supported, even without the added incentive of offset payments. While, in some cases, economic stimulus funding from the U.S. Department of Energy played a role, it is clear that there are many incentives for such programs to continue, including public demand for recycling as shown in the statistics in GE's press release and other references below. (GE Press Release Note 10: "We have a viable business that has the potential to grow well beyond the 12 states we now serve," said Jack Cameron, president and CEO of ARCA. "The AAP facility in Philadelphia is a true investment in our environment, our economy and our community." Note: this statement does not say that ARCA can have a viable business only if the California ODS Offset Protocol is approved.)

Resources and References:

1. New York Times, Sept. 24, 2011, Robots Extract Coolant from Old Refrigerators

<http://www.nytimes.com/2011/09/25/business/energy-environment/recyclers-extract-coolant-from-old-refrigerators.html?ref=earth&gwh=89FC928A260B413BECD9EC7F45451FF1>

Robots Extract Coolant From Old Refrigerators

RECYCLING refrigerators – especially those made more than 15 years ago – is a tricky job. The coolant in old appliances (now banned from newer versions) can cause serious trouble, warming the atmosphere and depleting the ozone layer.

Enlarge This Image

General Electric

The refrigerator's foam insulation is turned into pellets that can be used as fuel or other products.

Regulations forbid the release of liquid refrigerants during disposal. But what if the refrigerant was not in the cooling system, but stored up in the old foam used for insulation? The insulation in older machines is full of a gassy refrigerant that can waft away during dismantling and continue to diffuse later when the foam is shredded and sitting in a landfill.

Now a few American companies have embarked on voluntary recycling programs that go beyond what many local governments do when a resident leaves an old refrigerator on the curb for pickup. The companies use ingenious robotic systems to squeeze out almost all of the coolant in refrigerators – including the hard-to-reach coolant in the foam – before they head for the landfill.

Appliance Recycling Centers of America, a company based in Minneapolis with a chain of recycling depots, recently unveiled a 40-foot-tall behemoth that dismantles refrigerators the environmental way, extracting the coolant until only 0.2 percent is left.

The machine, installed in Philadelphia, has a panoply of shredders, magnets, chutes and sluices worthy of a green Willy Wonka. Send a refrigerator down the conveyor belt of this unit and it is transformed into neat piles of plastic and metal that can be recycled rather than buried in a landfill. The foam insulation is turned into pellets that can be used as fuel or for other products.

About a third of the coolant is recovered from the compressor and about 70 percent from the foam insulation, said Peter Hessler, managing director of Untha Recycling Technology, a company in Karlstadt, Germany, that created the new recycling system. The entire mechanical dismantling takes about a minute, said Jack Cameron, chief executive of Appliance Recycling Centers of America and of ApplianceSmart, a chain of appliance stores. The system costs about \$5.5 million and can tackle about 150,000 used refrigerators a year, he said.

The capital investment for the system was possible, Mr. Cameron said, because the recycling company has a six-year contract with General Electric. G.E. delivers new appliances and hauls the old ones away in 12 Northeastern and mid-Atlantic states for Home Depot. G.E. is supplying the recycler with all of those returns. Elaborate refrigerator recycling systems like Untha's are rare in the United States but not in Europe, which has strict controls against the release of refrigerants. The dismantling of appliances in the Untha system takes place in a vacuum so that the gases, commonly known as freons, CFCs or chlorofluorocarbons, cannot escape into the atmosphere.

The system Untha installed in Philadelphia had to be scaled up for American refrigerators. "The U.S. refrigerators are three times the size of European ones," Mr. Hessler said.

First refrigerators go through two Dumpster-size shredders placed end to end. The foam insulation is handled in a separate step. "We crack the cell matrix of the foam by heating it up in a pelletizer" and extracting the remaining coolants, he said.

Another robotic system that captures refrigerants down to the last few drops is at the Stow, Ohio, location of JACO Environmental. Michael Dunham, director of energy and environmental programs, said the system separates more than 95 percent of the materials used to manufacture the old appliances and sends them to be made into other products. The system, which is portable, was manufactured by SEG of Mettlach, Germany.

Many of these old refrigerators are still chugging along, Mr. Dunham said. JACO picked up about 480,000 refrigerators for recycling last year, with an average age of 21 years. "And the old ones stored away in garages and basements aren't getting any younger," he said. The company, which participates in a voluntary program to bag and burn old insulating foam in refrigerators, expects to receive a comparable volume of old refrigerators during the next decade.

In the future, financial incentives may encourage the capture and destruction of refrigerants. To reduce greenhouse gas emissions, California is completing a cap-and-trade regulation, set to start in 2012, that includes credit for pre-1995 refrigerants said Bart Croes, chief of the Research Division at the Air Resources Board, which will oversee the program.

"Companies can use credits from the proper destruction of refrigerants to cover part of their annual emissions," said Gary Gero, president of Climate Action Reserve in Los Angeles, which certifies projects that reduce greenhouse gas emissions and issues offset credits.

Mr. Gero said many companies had already bought carbon credits in anticipation of the new regulation.

Mr. Dunham of JACO says his company is already taking one of the refrigerants it destroys, CFC 12, to the carbon offset market.

"People are buying the credits and banking them, hanging on to them in hopes they will be more valuable when cap and trade comes into effect," he said.

Many refrigerants that are now banned from production, but are

still legally captured and recycled, have about 700 to 10,000 times the heat-trapping potential of carbon dioxide, Mr. Gero said. An average old refrigerator has about half a pound of the now-banned refrigerant in the cooling system and one pound in the foam, he said.

"So the refrigerator has an equivalent of approximately five tons of carbon dioxide," Mr. Gero said. "For comparison, that is like driving over 10,000 miles in an average car."

"If you capture these gases and take them to a destruction facility," he said, "you've prevented a problem, and we give you credit."

E-mail: novelties@nytimes.com

2. Southern California Edison, Safeguarding the Environment, One appliance at a time. ODS recovered from refrigerators are reclaimed or destroyed. The program calculates the benefit cost ratio (without offset payments) is high. The main point is that this program is performing the activity contemplated by the protocol in advance of protocol approval.

http://www.epa.gov/ozone/partnerships/rad/downloads/RAD_SCE_Case_Study.pdf

Southern California Edison Safeguarding the Environment One Appliance at a Time

Energy conservation is becoming one of the nation's top priorities, as concerns over climate change, national security, and energy costs have deepened. Recognizing this, the California Public Utilities Commission (CPUC) is sponsoring programs funded with ratepayer dollars to reduce statewide energy consumption. With these funds, Southern California Edison (SCE) and other California utilities are implementing appliance recycling programs (ARP), designed to reduce energy consumption and benefit both consumers and the utility company. Specifically, these programs encourage retirement of inefficient appliances to reduce energy demand, thereby eliminating the need for utilities to build new power plants and, at the same time, lowering customers' electricity bills.

Large appliance replacement and retirement programs - focused primarily on refrigerators and freezers - are often targeted by utilities and state agencies as one of the first elements of a Demand Side Management (DSM) program since they are substantial users of electricity. These appliances are bulky and have a long shelf life, so they are often slow to replace. To decrease demand on the energy grid and ensure responsible appliance disposal, SCE provides customers with monetary incentives to pick-up and dispose of their old working refrigerators and freezers using best environmental practices.

To gain recognition and track environmental benefits beyond energy savings, SCE partners with the Environmental Protection Agency (EPA) as part of the Responsible Appliance Disposal (RAD) program. "SCE has enjoyed a strong relationship with EPA over the years, and participation in RAD is a continuation of that," offered Tom Schober, SCE ARP Program Manager. "The RAD Program provides us with an opportunity to partner with the EPA in an effort we both believe in."

Description of SCE's Appliance Recycling Program: Using Tactics of Social Marketing and Education

SCE, which serves a region with 13 million residents, started its appliance disposal program in 1994, and has recycled more than 600,000 appliances to date. During PY 2006-2008, 245,000 refrigerators/ freezers and 12,000 air-conditioning (AC) units are planned for removal. During this program year, the ARP is being expanded to non-residential customers, including office complexes, industrial customers, schools, etc. Collected appliances are being

processed by Appliance Recycling Centers of America, Inc. (ARCA) and JACO Environmental, Inc.

SCE's ARP utilizes social marketing tools—such as financial incentives, appliance pick up events, and educational information—to change consumer behavior and encourage energy conservation. "By reaching out to households throughout our service area about the importance of energy conservation, the appliance recycling program educates consumers and allows them to contribute in a meaningful way," says Schober.

SCE offers their customers free appliance pick-up and a \$35 incentive for disposing of an old working refrigerator and \$50 for disposing of an old working freezer. The only requirement is that collected refrigerators and freezers be in working condition and that their size be between 10 and 27 cubic feet.

SCE also leverages energy efficiency partnerships to increase outreach and project penetration. Events such as "Refrigerator and Freezer Pick-Up Day" are held in concert with other energy efficiency programs. During these events, working refrigerators and freezers in a particular geographic area are picked up on Saturdays, which increases the convenience of pick-up for customers. SCE works with retailers to provide consumers with POS (Point of Sale) materials to inform them of events and provides them with information on ARP. SCE has also partnered with property management companies to encourage the replacement and proper disposal of old appliances.

In addition, SCE collects and recycles room AC units as part of ARP. Specifically, SCE holds AC Turn In events to encourage customers to retire their old room ACs. Customers bring their working room AC units to the event and receive \$25 credit for their old units, as well as a \$50 voucher towards the purchase of a new ENERGY STAR® room AC unit—for a total incentive of \$75 off the purchase of a new ENERGY STAR® room AC unit.

ARP marketing activities include bill inserts and messages, the SCE website, special mailings, e-mail blasts and occasional radio commercials. SCE has also targeted the environmental community and has used recycling trucks as mobile billboards. "These marketing techniques are not only effective in increasing program participation and decreasing energy consumption," says Schober, "but they also give SCE visibility, so that consumers can see our commitment to the environment put to action."

Environmental Benefits of the Program

According to Schober, "SCE recognizes that ARP not only saves energy but also helps protect the environment." EPA has recognized SCE's contribution to the environment by awarding ARP with the Stratospheric Ozone Protection Award in 2004.

Based on SCE's own calculations, removing old appliances from the electric grid during PY 2006-2008 will result in net annual energy savings of nearly 180 million kWh (assumed to be realized each year for 10 years), and coincident peak reductions of over 30,824 kW. Such energy savings will lead to reduced emissions of greenhouse gases (GHGs) and smog precursors emitted by power plants. Indeed, removing 245,000 old refrigerators/freezers from the grid is expected to result in the following lifetime emission reductions:

- NOX emissions: ~ 260,000 lbs
- GHG emissions: ~ 985,000 MTCO2eq
- PM10 emissions: ~ 127,000 lbs

In addition to the above benefits, additional climate and ozone benefits are realized through the proper disposal of refrigerated appliances. Under SCE's program, ozone-depleting refrigerants and foam blowing agents—which are also potent greenhouse gases—are recovered from appliances and reclaimed or destroyed. Raw material components, including metal, glass, and plastic, are also recycled,

which reduces energy consumption associated with the production of virgin materials. During PY 2006-2008, reclaiming the refrigerant, reclaiming or incinerating the foam, and recycling the raw material components of refrigerators/freezers is estimated to result in a climate benefit of 1,015,000 MtCO

2eq, and an ozone benefit of 136 ODP-weighted tons.

Program Effectiveness

SCE ranks "cost effective energy savings" as the most significant benefit derived from its ARP. To ensure the program realizes these energy savings, ARP conducts inspector "ride alongs," on-site inspections of recycling facilities and customer surveys, which are part of the program's compliance and verification procedures. Using random statistical sampling, SCE energy efficiency inspectors ride with the contractor pick-up staff to ensure that units collected meet the program requirements and that the units are handled properly. In addition, on-site inspections of recycling facilities are conducted to verify that proper procedures are being followed. Finally, customer surveys are also conducted over the phone to measure satisfaction levels and determine what impact the program has on customer behavior (i.e., what the customer would have done with the unit in the absence of such a program).

The total program cost for PY 2006-2008 is approximately \$39.9 million. SCE has valued the associated electric benefits at over \$93 million. Depending on the program cost measure used (i.e., whether rebate is included or not), the benefit-cost ratio ranges from almost 7:1 to about 3:1; similarly, the levelized cost per kWh saved is about \$0.013 (i.e., it costs SCE about 1.3 cents to reduce each kWh).

"For what it costs to implement and administer this program, we get much more in return from the energy savings that are generated," says Schober. In fact, SCE has found ARP to be one of the most cost effective energy savings programs that is offered through their portfolio of energy efficiency programs. The additional environmental benefit associated with the proper disposal of ozone-depleting refrigerant and foam is the "cherry on top."

Additional Information

For more information on SCE's ARP program, visit www.sce.com or contact Tom Schober at tom.schober@sce.com.

For more information about EPA's RAD Program, visit www.epa.gov/ozone/snap/emissions/radp.html or contact Evelyn Swain at swain.evelyn@epa.gov or 202-343-9956.

SCE and ARCA are awarded a 2004 Stratospheric Ozone Protection Award for their leadership, dedication, and technical achievements in protecting the ozone layer through appliance recycling. From left to right: Bruce Wall (ARCA), Drusilla Hufford (EPA), Gene Rodrigues (SCE), and Jack Cameron (ARCA).

These GHG emission savings are equivalent to not driving 213,243 passenger cars for one year, or removing 126,467 households from the electricity grid for one year

Energy Impacts & Effectiveness at a Glance, PY 2006-08

A

AnnualAnnual Net Energy Savings 177,322,800 kWh

Average Energy Savings/ Unit/ Year 722 kWh

Coincident Peak Reduction 30,824 kW

Total Program Cost \$39,893,411

Rebate Cost \$9,400,000

Average Program Cost Per Unit

Including Rebate \$155.23

Not including Rebate \$118.65

Electric Benefits \$93,063,110

Benefit-Cost Ratio

PAC

b 2.52
TRC
c 6.07
Levelized Cost
PAC
b \$0.032
TRC
c \$0.013
Net-to-Gross Ratio
Refrigerators 0.35
Freezers 0.54
AC Units 0.80

"For what it costs to implement and administer this program, we get much more in return from the energy savings that are generated," says Schober. In fact, SCE has found ARP to be one of the most cost effective energy savings programs that is offered through their portfolio of energy efficiency programs. The additional environmental benefit associated with the proper disposal of ozone-depleting refrigerant and foam is the "cherry on top."

3. City of Riverside Website on Refrigerator Recycling
<http://www.riversideca.gov/utilities/fridge-recycle.asp> (city of riverside - California prohibits putting frig in landfill)
Refrigerator Recycling is a public benefit service that offers residential electric customers the opportunity to recycle older, operating inefficient refrigerators and stand alone freezers free of charge. These units are transported to a recycling facility for dismantling and processing, making the program easy and convenient for our customers.

It is important to know that California law prohibits dumping your refrigerator or freezer in landfills and that many disposal companies charge a fee to pick up refrigerator or freezers for recycling

What are the benefits of recycling my older units?

By turning in your older inefficient operating refrigerator or freezer, you can save on future electric costs. Old inefficient refrigerators and freezers are typically high energy users. In fact, older refrigerators can cost over \$200 more yearly to operate than a newer energy efficient refrigerator.

A second refrigerator in the garage can be adding up to an additional \$100 or more a year to your electric costs. Another reason to recycle is the environmental benefits. Because refrigerators contain metals and refrigerants, they must be dismantled and removed in an environmentally safe manner.

What Do I Need to Do?

Qualified customers can call

(800) 685-2722 weekdays 8:00 a.m. - 5:00 p.m.

to schedule an appointment for pick-up. Please have your electric account number available when calling. Once the appointment has been scheduled, a representative will come to your home to pick up the appliance and deliver it to a recycling center. The recycling center dismantles the appliance and disposes of the metal and refrigerant according to Federal, State and local requirements.

If you have a non-working appliance, please call the Appliance Recycling Center of America at (800) 654-2722 for recycling alternatives.

Refrigerator Recycling Program Guidelines

- Customers must fulfill all program guidelines, program specific and general RPU program guidelines, to be eligible for incentives.

- Operating refrigerator or freezer must be 10 to 28 cubic feet in size.

- Non-operational units do not qualify.
- A contractor retained by RPU must pick up the qualifying unit.
- Customers must schedule an appointment for the pick up of qualified units through the Appliance Recycling Centers of America Inc. at (800) 685-2722, Monday through Friday, 8 a.m. to 5 p.m.
- All General Program Guidelines apply.

4. Texas Encourages Refrigerator Recycling:

Everyday hundreds of people are giving away refrigerators- Why- nobody wants to haul it away- Refrigerator Roundup will pick it up for Free- Heres a great article from earth911.com on the Great Texas Refrigerator Roundup Underway by Lori Brown

Have an old refrigerator or freezer lying around the house? Live in Texas? If you answered "yes" to both questions, you could have \$50 headed your way. Oncor, in partnership with Appliance Recycling Centers of America (ARCA), has begun the second annual "Great Texas Refrigerator Roundup," encouraging customers to get rid of out-of-date and inefficient refrigerators and freezers.

http://www.p2sustainabilitylibrary.mil/p2_opportunity_handbook/7_I_A_6.html

Although appliances comprise only a small portion of the municipal waste disposed in landfills, they do have a market value. According to the Steel Recycling Institute (SRI), the steel that is used in appliances consists of a minimum of 25 percent recycled steel, with the internal steel parts containing anywhere between 25-100 percent recycled steel. According to SRI, steel recycling saves on an annual basis the equivalent energy that is required to power an estimated 18 million households electrically. All appliances are recyclable, including refrigerators, washers, dryers, air conditioners, water heaters, and de-humidifiers.

Appliance recyclers specialize in recovering all hazardous materials and wastes prior to recycling the appliance as scrap metal. For a small fee, appliance recyclers will pick up the appliance, transport it to their recycling facility and conduct a multi-stage recycling program to recover all hazardous materials and wastes. The following table presents the typical hazardous materials and wastes recovered from appliances and their ultimate disposition.

Recovered Material/Waste Type of Application	Ultimate Destination of Recovered Material
CFC-11 Refrigerator Foam Insulation	Recycled for Reuse
CFC-12 Refrigerator Compressors	Recycled for Reuse
R22 Air Conditioner Compressor	Recycled for Reuse
500R500-502 Water Cooler Compressor	Recycled for Reuse
PCBs Motor Capacitors	Hi-Temp Incineration
Mercury Switches, Thermocouples	Recycled for Reuse
Oil Refrigerator Compressors	Treatment to remove CFCs, Oil then Recycled for Reuse
Oil Washing Machine Motors	Recycled for Reuse
SO2 Refrigerators Compressors (pre-1960)	Disposed as Waste Gas

Appliance recycling should only be conducted by fully licensed recyclers. As of 1997, 21 states had regulations restricting the disposal of appliances in municipal landfills. California, New Jersey, and Massachusetts have strict regulations regarding appliance disposal. Check with your state representative to determine the regulations in your area.

Compliance Benefit: Appliance recycling will help facilities to meet the requirements of Executive Order 13101, which call for executive agencies (e.g., Department of Defense) to incorporate waste prevention and recycling into their daily operations. The compliance benefits listed here are only meant to be used as

general guidelines and are not meant to be strictly interpreted. Actual compliance benefits will vary depending on the factors involved, e.g., the amount of workload involved.

Materials Compatibility: N/A

Safety and Health: Appliance recycling should only be conducted by trained professionals in a licensed recycling facility. CFC recovery must be conducted in facilities equipped for proper CFC recovery and in accordance with Clean Air Act requirements. Gas operated appliances should not be recycled due to potential explosion hazards.

Consult your local industrial health specialist, your local health and safety personnel, and the appropriate MSDS prior to implementing this technology.

Benefits:

- Reduces the appliance-related waste disposed in landfills by an average of 55.6% (U.S. EPA, 2000).
- Conserves natural resources needed to produce CFCs, mercury, oil, and steel.
- Reduces landfill disposal fees.

Disadvantages:

- Currently not marketable in some regions.
- Scrap metal recyclers may refuse to accept metal from appliances due to potential exposure to PCB and mercury components.

Contracting with trained licensed recycling contractors will address this concern.

Economic Analysis: Appliance recycling should only be conducted by trained licensed recycling contractors. Recycling costs vary and are dependent upon the quantity of appliances recycled and the region. Utility supported recycling programs are currently conducted in California and New York. These programs are free and in some cases include cash incentives. These programs typically require that the recycled appliance is in good working order and is currently serving as a second (spare) appliance in the household. Average recycling fees for a medium scale (50-100 units per year) recycling program range from \$0 to \$25 per appliance.

Assumptions:

- Medium scale appliance recycling program: 50 units per year.
- Recycling fees: None.
- Labor for removal/transport of appliance to recycling center or landfill: 2 hrs/unit.
- Average appliance weight: 150 lbs.
- Landfill fee: \$25/ton.
- Labor rate: \$30/hr.
- Transportation cost to recycle center or landfill: \$1,000/yr.

Table 1. Annual Operating Cost Comparison for Diversion and Disposal for Appliance Recycling

Diversion Disposal

Operational Costs:

Labor:	\$3,000	\$3,000
Transportation:	\$1,000	\$1,000
Recycling fees:	\$0	\$0
Landfill fees:	\$0	\$100
Total Operational Costs:	\$4,000	\$4,100
Total Recovered Income:	\$0	\$0
Net Annual Cost/Benefit:	-\$4,000	-\$4,100

Economic Analysis Summary:

- Annual Savings for Appliance Recycling: \$100
- Capital Cost for Diversion Equipment/Process: \$0
- Payback Period for Investment in Equipment/Process: Immediate

Click Here to view an Active Spreadsheet for this Economic Analysis and Enter Your Own Values.

To return from the Active Spreadsheet, click the Back arrow on the Tool Bar.

5. EPA Website on Safe Disposal of Refrigerated Household

Appliances: Frequently Asked Questions

<http://www.epa.gov/ozone/title6/608/disposal/household.html>

Safe Disposal of Refrigerated Household Appliances: Frequently Asked Questions (FAQ)

Appliance owners play a critical role in helping to protect against environmental hazards associated with appliance disposal. The sections below provide consumers with information on:

I. Environmental Concerns

II. Energy Consumption of Refrigerators/Freezers

III. How to Dispose of an Appliance

IV. What Happens to Disposed Appliances

V. Additional Regulatory Information

I. Environmental Concerns

What are the environmental concerns associated with the disposal of refrigerated household appliances?

Refrigerant: Household refrigerators and freezers manufactured before 1995 typically contain chlorofluorocarbon (CFC) refrigerant. Most window air-conditioning units and dehumidifiers contain hydrochlorofluorocarbon (HCFC) refrigerant. CFCs and HCFCs are ozone-depleting substances (ODS) that, if released to the environment, destroy the protective ozone layer above the earth. Moreover, CFC and HCFC refrigerants are also potent greenhouse gases, meaning that their release contributes to global climate change. Refrigerators and freezers manufactured since 1995 contain ozone-friendly hydrofluorocarbon (HFC) refrigerants; however, these refrigerants still need to be carefully handled since they are greenhouse gases.

Foam: Refrigerators and freezers manufactured before 2005 are insulated with foam that contains ODS—either CFCs or HCFCs. If emitted, CFCs and HCFCs contribute to both ozone depletion and climate change. Only units manufactured since 2005 contain foam blowing agents that are ozone and climate friendly.

Air-conditioners and dehumidifiers do not contain foam.

What are the Dangers of Used Oil, Mercury, and PCBs?

- If improperly disposed, used oil from refrigerated appliances can result in the release of dissolved ODS refrigerant and groundwater contamination. In addition, short-term exposure to used oil can cause skin, eye, and respiratory irritation; in the long-term, it can cause cancer and damage to the liver, brain, immune system, and reproductive system.

- When released to the environment, mercury accumulates in the tissues of plants and animals and, when consumed by humans, impairs neurological development and causes other problems associated with the nervous system.

- PCBs are toxic substances with carcinogenic and non-cancerous effects on humans, including effects on the immune system, reproductive system, nervous system, and endocrine system.

Hazardous Components: Household appliances may also contain hazardous components, including used oil, polychlorinated biphenyls (PCBs), and mercury. For example, the cooling circuit contains oil that can be contaminated with ODS refrigerant. Some refrigerators and chest freezers manufactured prior to 2000 have mercury-containing components (i.e., switches and relays).

Appliances manufactured prior to 1979 may contain PCB capacitors. For this reason, appliances should be recycled by facilities that safely remove these components prior to shredding and recycling. The Association of Home Appliance Manufacturers (AHAM) has more

information on mercury and PCBs contained in home appliances. The diagram below provides approximate quantities and locations of substances contained in refrigerators manufactured prior to 1995. Components of a Refrigerator Manufactured Prior to 1995

II. Energy Consumption of Refrigerated Appliances

Would I save money by replacing my old refrigerator with a more energy efficient unit instead of waiting until the old unit fails?

What is a Bounty Program?

A bounty program is an appliance turn-in program - typically sponsored by a local or regional utility. Through the program, an appliance owner is paid a "bounty" to allow the recycler to collect and recycle their old, inefficient appliance. Some programs also offer rebates and discounts towards the purchase of new ENERGY STAR® qualified models. Most bounty programs have specifications for the appliances they can accept. To find out if bounty programs are offered in your area, try contacting your electricity provider.

A 20-year old refrigerator or freezer can consume two to four times more energy annually than a new model, and, as a result, can significantly increase your electric bill. Older refrigerators or freezers put a great strain on local power grids, especially during peak hours. By replacing your old refrigerator or freezer with a newer model, particularly one that has earned the government's ENERGY STAR® label, you can conserve energy and save upwards of \$70/year! If your old refrigerator is a secondary unit located in a basement or garage, you can save approximately \$120/year on electricity charges by removing it and not replacing it.

Getting rid of old refrigerators or freezers may be even more financially attractive if your local utility provider operates an appliance disposal program. Some utilities will actually pay you to get rid of your old refrigerator or freezer through bounty programs or rebate programs.

How do I know how much energy my refrigerator, freezer, or window air-conditioner uses?

Consult the energy guide in your owner's manual or visit HomeEnergy online and enter the required information. The Department of Energy also provides a formula for calculating energy usage for various appliances. Energy consumption is rated in kilowatt hours/year (kWh/y). Modern refrigerators consume an average of about 500 kWh/year, while a unit manufactured 20 years ago consumes an average of approximately 1,200 kWh/year.

When buying a new appliance, how do I know which are most energy efficient?

ENERGY STAR® is the government-backed symbol for energy efficiency. Products that have earned the government's ENERGY STAR® label (such as refrigerators, freezers, and other appliances) lower greenhouse gas emissions by meeting strict energy efficiency guidelines established by U.S. Environmental Protection Agency and the U.S. Department of Energy.

III. How to Dispose of an Appliance

How can I dispose of my refrigerated appliance in an environmentally responsible way?

First, you should check with your electric utility to see if a bounty program is offered in your area. Since some bounty programs have required specifications for appliances (e.g., must be in working condition, of a minimum vintage and/or dimension), you may also need to confirm that your appliance is acceptable.

If a bounty program is not available, you can contact your municipal department of public works to inquire about the procedures for collecting and disposing of refrigerated appliances

in your neighborhood. Typically, for refrigerators/freezers, municipalities require you to make an appointment for bulky item collection, which may be provided at no additional cost. Some municipalities charge a fee for refrigerated appliance collection or require you to haul items to a transfer station or dump. (Your municipality can direct you to a solid waste contractor for more information.) Other municipalities may require the refrigerant to be recovered from appliances before they will accept it for pick-up. In such cases owners would need to hire a technician with certified recovery equipment to remove the refrigerant prior to disposal.

! NOTE: Do not attempt to remove refrigerant or compressors yourself. Improperly handled refrigerant may result in physical harm. Only properly trained individuals using EPA-approved refrigerant recovery equipment should attempt to remove refrigerant from appliances.

Additional information on recycling and proper household hazardous waste disposal in your community may also be available at www.earth911.org.

When disposing of a refrigerated appliance, try to inquire about the disposal practices of the entity removing your unit to ensure that it will be disposed of responsibly. If you learn about illegal or suspect activities (e.g., refrigerant venting), you can file a report easily and anonymously by visiting EPA's Office of Enforcement and Compliance Assurance website.

! See Section IV, "What Happens to Disposed Appliances" to help ensure that your appliance is responsibly disposed.

How much does it cost to dispose of my old appliance?

The cost of appliance pick-up and/or disposal varies. For example, your municipal public works department may provide free collection of refrigerant-containing appliances or there may be a fee for this service, which may vary by appliance type.

Some retailers offer appliance pick-up and disposal services with the purchase and delivery of a new model. Depending on the retailer, a fee of \$10 to \$50 may be charged for this service. Enterprises such as utilities that operate a bounty program may also provide free pick-up/disposal services for old refrigerators/freezers or even pay you to pick up your unit.

IV. What Happens to Disposed Appliances

What typically happens to my old refrigerator or freezer once I get rid of it?

Almost all of the materials in your refrigerator or freezer can be recycled. This includes the metal cabinet, plastic liner, glass shelves, the refrigerant and oil in the compressor, and the blowing agent contained in polyurethane foam insulation.

After appliances are collected they can be resold, recycled, or landfilled.

Resale: Sometimes appliances that are in working condition are refurbished and resold domestically or abroad to developing countries. Because these appliances consume large amounts of electricity and are less efficient toward the end-of-life, appliance re-sale should be avoided to save energy. Moreover, for those units sold in developing countries, their ultimate disposal is less likely to be carried out responsibly.

Recycling: Appliance recycling typically entails recovery of refrigerant and removal of hazardous components followed by shredding of evacuated appliances. Metal components are typically separated and recycled, while glass, plastics and polyurethane foam, are typically sent to a landfill. Because there are no legal requirements for foam recovery, the blowing agent contained in the foam insulation is emitted during shredding and landfilling—thus

contributing to ozone depletion and to global climate change.

Landfilling: Typically, when a waste hauler brings appliances to a landfill, refrigerated appliances are separated until a technician recovers refrigerant and other hazardous components, after which, the appliances are landfilled. Sometimes disposed appliances are reportedly landfilled whole, without shredding or removal of durable components.

! When disposing of a refrigerated appliance, you should inquire about the disposal practices of the entity removing your unit to ensure that it will be disposed of responsibly. If you learn about illegal or suspect activities (e.g., refrigerant venting), you can file a report easily and anonymously by visiting EPA's Office of Enforcement and Compliance Assurance website.

What is being done to encourage more responsible appliance recycling/disposal?

To encourage appliance recycling and proper disposal of hazardous components, EPA has launched the Responsible Appliance Disposal (RAD) Program. RAD Partners ensure the proper handling not only of refrigerant and other hazardous components regulated by federal laws, but also foam blowing agent.

V. Additional Regulatory Information

Do technicians recovering refrigerant from disposed appliances need to be certified?

Currently, technicians removing refrigerant from small appliances in the waste stream are not required to be certified.

Do establishments that recover refrigerant from disposed appliances need to be certified with EPA?

EPA requires establishments that dispose of small appliances to certify to the appropriate EPA Regional Office that they have recovery or recycling equipment that meet EPA standards for such devices (i.e., equipment must achieve 90% recovery efficiency when the appliance compressor is operational, or 80% recovery efficiency when the appliance compressor is not operational). This certification form (140K, 4 pp, About PDF) must be signed by the owner of the equipment or another responsible officer and sent to the appropriate EPA Regional Office. Owners do not have to submit a new form each time they add recycling or recovery equipment to their inventory.

Are the hazardous components or insulating foam contained in appliances regulated?

Hazardous components, including PCBs and mercury, and compressor oil, must be removed from appliances before disposal in accordance with 40 CFR Parts 273, 279, 761. However, the treatment of ODS-containing foam is not regulated.

How does EPA ensure that refrigerant is recovered from appliances in compliance with all regulations?

The final disposer of appliances is responsible for recovering any refrigerant contained in appliances. If the enterprise that recovers the refrigerant is not also the final disposer of the appliance, EPA requires (40 CFR 82.156(f)(2)) a signed statement containing the name and address of the person who recovered the refrigerant, and the date that the refrigerant was recovered.

Please note that no sticker is required for disposal.

! Nevertheless, illegal activities, including appliance dumping, venting of refrigerant, and release of hazardous components to the environment, still occur. Appliance owners should avoid illegal dumping and should dispose of appliances responsibly. To the extent possible, make sure to schedule the collection of your appliance with your Department of Public Works, a retailer, bounty program, or other recycler; appliances simply left on the curb without a scheduled pick-up date are likely to be picked up by peddlers who

may improperly vent refrigerant or otherwise dispose of the appliance in an unsound manner.

6. EPA Website: Appliance Disposal Practices in the United States
http://www.epa.gov/ozone/partnerships/rad/raddisposal_factsheet.html

Appliance Disposal Practices in the United States

- Replacing an inefficient, 20-year old refrigerator with one that has earned the government's ENERGY STAR® label will save a household roughly 700 kWh/year or more—or upwards of \$70/year.
- If a secondary refrigerator (e.g., in a basement or garage) is removed and not replaced, households can save about 1,200 kWh/year, or roughly \$120/year.
- Reducing energy demand results in reduced emissions of greenhouse gases and certain criteria air pollutants.
- Additional energy savings can be achieved if the components of disposed units are recycled instead of landfilled by eliminating the need to produce virgin materials.

Refrigerated Applications

- Replacing an inefficient, 20-year old refrigerator with one that has earned the government's ENERGY STAR® label will save a household roughly 700 kWh/year or more—or upwards of \$70/year.
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- Reducing energy demand results in reduced emissions of greenhouse gases and certain criteria air pollutants.
- Additional energy savings can be achieved if the components of disposed units are recycled instead of landfilled by eliminating the need to produce virgin materials.

Older refrigerators/freezers contain ozone-depleting refrigerants and/or foam blowing agents, depending on the year they were manufactured. In addition to depleting the ozone layer, these substances are also potent greenhouse gases (GHGs) that contribute to climate change when emitted to the atmosphere. While the refrigerants used in newly manufactured units are still potent GHGs, these appliances do not contain ozone depleting substances (ODS) and are significantly more energy efficient than older models.

Similarly, window air conditioners and dehumidifiers contain environmentally-harmful refrigerants, and the older units consume significantly more energy than the newer ones.

To reduce energy demand, ozone depletion, and global climate impacts, it is critical that older units be permanently removed from the energy grid and properly disposed of so that environmentally-harmful refrigerants and foam blowing agents are captured and recycled or destroyed.

To learn more about the environmental impacts of refrigerated household appliances click [here](#).

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Why is Removal and Proper Disposal of Appliances Important?

In the United States alone, it is estimated that there are approximately 200 million household refrigerators/freezers, 40 million window air conditioning units, and 15 million dehumidifiers (AHAM 2001, EIA 2001). Of the refrigerators and freezers, over 20 million are secondary units located in people's basements or garages (AHAM 2001, EIA 2001). Often, these secondary units are older, less efficient models that are underutilized, but kept for convenience.

Roughly 9 million refrigerators/freezers, 4.5 million window air conditioning units, and nearly 1 million dehumidifiers are disposed of each year. The proper removal and disposal of these appliances

would:

- Prevent emissions of ODS and GHGs by not allowing their release from refrigerants and insulating foams;
- Prevent the release of PCBs, mercury, and used oil;
- Save landfill space and energy by recycling rather than landfilling durable materials (i.e., metals, plastics, and glass); and
- Reduce energy consumption.

Given the large number of refrigerated appliances that are taken out of service each year, the environmental impacts of removing and properly disposing of old appliances can be significant. The figure below illustrates the climate benefits of removing old units from the power grid and disposing of them properly.

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What is Required by Law?

When household appliances are taken out of service, Federal law requires that: (1) all refrigerant be recovered prior to dismantling or disposal (40 CFR Part 82 Subpart F); and (2) universal waste (e.g., mercury), used oil, and PCBs be properly managed and stored (40 CFR Parts 273 , 279 , 761).

State laws may have additional requirements. For example, in 2006, California introduced a law requiring entities that remove materials such as mercury, used oils, PCBs, and refrigerants from appliances be certified by the State (AB 2277). Similarly, some States require that certain durable appliance materials be recycled. At this time, no Federal or State laws require that appliance foam be recovered; however, the common practice of shredding and/or landfilling of foam represents a significant source of ODS and GHG emissions which could be avoided through foam recovery.

For more information on disposal requirements for appliance recyclers please see this document (PDF) (4 pp, 384K, About PDF).

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What Typically Happens to Disposed Appliances?

Many old refrigerated appliances are disposed through curbside pick-up programs offered by municipalities or through appliance pick-up services offered by retailers when a new unit is purchased and delivered. Typically, municipalities and retailers subcontract the disposal of old appliances to third parties, who may re-sell some of the units domestically or abroad. For example, an estimated 40% of used appliances collected by retailers are placed on the secondary market each year—meaning that they may be put back on the domestic electricity grid, where they continue to operate inefficiently, consuming excessive amounts of electricity. Alternately, some of the operational units are exported to developing countries, where they are less likely to be handled responsibly at end-of-life.

Units that are not fit for resale are typically sent to appliance recyclers, scrap metal companies, or other third parties, where valuable metals are generally salvaged for recycling, and foams, plastics, and glass are typically shredded and landfilled. While Federal regulations govern the treatment of refrigerant, mercury and PCBs, the ultimate fate of these components is often unknown; there have been reports of appliance dumping, venting of refrigerant, and release of hazardous components to the environment.

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What Can Be Done to Help?

Municipalities and retailers can have a positive impact on appliance recycling by ensuring that all old units collected are permanently removed from the electricity grid (i.e., not re-sold)

and are responsibly disposed. Utilities, many of which have a mandate to reduce energy demand, can also play a role in facilitating responsible appliance disposal by promoting the permanent removal of old, energy inefficient appliances from the grid. Similarly, manufacturers can facilitate the appliance recycling process in the name of product stewardship by promoting and supporting the responsible disposal of old appliances produced under their brand name.

To date, dozens of utilities have implemented appliance disposal programs across the country—many of which are ongoing. These programs promote the removal and safe disposal of old, inefficient refrigerators and freezers, typically through advertisements and by offering appliance owners a financial incentive (e.g., \$35) for the collection of their old units. In some cases, rebates toward the purchase of a new refrigerator/freezer or window air conditioning unit that has earned the government's ENERGY STAR® label are provided when old units are turned in. To collect and process the old appliances and administer and/or market the program, utilities typically hire a third-party contractor. Because of reduced energy demand, these appliance disposal programs are considered to be highly cost-effective. On average, these programs cost \$0.04 to reduce each kWh of demand, and can lead to benefit-cost ratios of more than 3 to 1 (for refrigerators) (Kolwey 2006).

Universities and other large organizations can also reduce emissions of ODS and GHGs through the collection and proper disposal of refrigerated appliances in their facilities and/or surrounding communities.

Entities that have a responsible appliance disposal program in place, or would like to implement one, should consider joining EPA's voluntary Responsible Appliance Disposal (RAD) Program!

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References:

Association of Home Appliance Manufacturers (AHAM). 2001. INFOBulletin #7: Major Home Appliance Saturation and Length of First Ownership Association of Home Appliance Manufacturers Research Study, 2001. Available at: <http://www.aham.org/industry/ht/a/GetDocumentAction/id/5369>.
Energy Information Association (EIA). 2001. Appliance Reports: US Data Table 2001. Available at: http://www.eia.doe.gov/emeu/rep/appli/us_table.html
Kolwey, Neil. 2006. "Refrigerator Recycling Programs: Rounding Up the Old Dogs for Easy Energy Savings." E-Source. April.

7. <http://www.usatoday.com/money/industries/environment/2009-08-25-appliances-cash-...>

Appliances get their own recycled clunkers programs

Updated 8/27/2009 12:15 PM | Comments 384 | Recommend 63

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Enlarge

By Patricia Beck, Detroit Free Press

Vincent Dallas hauls a refrigerator for recycling o Jaco
Environmental in Livonia, Mich.

•

By Kathleen Gray, USA TODAY

Cash for clunkers ended this week – for cars.

But old energy-hogging refrigerators and freezers qualify for recycling and cash from more than 60 utilities across the nation. And the federal government is making money available to states so consumers could get rebates of \$50 to \$200 for new, more energy-efficient appliances later this year in a so-called "cash for appliances" program.

Combined, the appliance initiatives have a goal similar to the cash-for-clunker program for autos: They get less-efficient appliances off the nation's energy grid in favor of newer efficient ones.

FINAL CLUNKER TALLY: More than 690,000 new cars sold

The government's rebate program, in which the Department of Energy is providing states with \$300 million approved earlier this year as part of President Obama's \$787 billion stimulus plan, serves another goal similar to the cash-for-clunker program: It's designed to boost the economy.

"These rebates will help families make the transition to more efficient appliances, making purchases that will directly stimulate the economy and create jobs," Energy Secretary Steven Chu said in announcing the rebate program earlier this summer.

Unlike cash for clunkers, consumers taking advantage of the rebate program wouldn't need to trade in their old refrigerators to get the benefit of buying a new one with an energy-star seal designating it as efficient.

A 'win-win situation'

Meanwhile, utilities in many states offer to pick up and recycle old refrigerators and freezers and give the customer a rebate ranging from \$25 to \$50. Such programs began on the West Coast in the last decade but more recently have been moving east.

"It's an excellent win-win-win situation," says John Hargrove of NV Energy in Nevada, which has had a refrigerator recycling program for five years. "There are environmental benefits, energy-efficiency benefits and benefits for customers who have a hard time dealing with that old refrigerator holding a six pack of water in the garage."

Old refrigerators and freezers are some of the biggest energy users in homes, and getting old ones out for energy-efficient models will save customers anywhere from \$50 to \$150 a year on electricity bills, says Steven Rosenstock, manager for energy solutions at the Edison Electric Institute, which represents 70% of the investor-owned utilities in the United States.

In five years, NV Energy in Nevada has picked up 50,000 refrigerators, giving \$30 to customers in Nevada and California who have turned in their working, but old appliances. The company hopes to boost the program to 20,000 appliances a year and help the utility reach its goal of producing a state-ordered 25% of its electricity through renewable or energy-efficiency sources by 2025, Hargrove says.

In Michigan, where 2008 energy legislation required utilities to cut electricity production by 5% a year, the program is exceeding expectations.

DTE Energy, parent company of Detroit Edison which serves 2.2 million electric customers in Detroit and its suburbs, collected more than 3,300 appliances since starting the recycling program at the end of June. It offers \$50 per refrigerator or freezer and \$20 for old window air-conditioner units.

"Today's appliances consume three times less than old appliances," says Steven Kurmas, president of Detroit Edison. "We're hoping to get rid of 30,000 by 2011."

New Jersey's Clean Energy program, which includes energy-efficiency

programs for eight utilities in the state, started its program at the end of July and has picked up 815 appliances with another 754 scheduled to be picked up. It hopes to recycle 20,000 refrigerators and freezers in its first year.

"By providing an incentive of \$30 and removing (the appliance), we figured we could take a lot of demand out of the system," says Tim O'Donovan with the New Jersey Board of Public Utilities.

'Environmental time bombs'

At Nebraska Public Power District, Ken Curry says the utility hopes to defer construction of new power plants with programs such as refrigerator recycling, which already has picked up 1,400 appliances since starting this spring.

"We're estimating that the refrigerators we're picking up have eight years remaining life, and by getting them off the grid, we're saving 19 million kilowatt hours over the life of those units," he says. "And if our customers are saving money on their electric bills ... they can upgrade to a better brand. A lot of our customers can relate to that."

Jaco Environmental is a Seattle-based company that has been picking up and recycling refrigerators for 20 years, first for retailers and now for utilities. It runs recycling programs for 61 utilities in 26 states.

Money from the stimulus bill is a boon for business, says Michael Dunham, director of energy and environmental programs for Jaco.

Jaco recycles 95% of the refrigerator, including chlorofluorocarbons, which are destroyed at a waste-to-energy incinerator. The steel is used in rebar to reinforce roadways, and the plastic goes into everything from laptop computers and cellphones.

"These refrigerators are environmental time bombs," Dunham says.

"But this is all recycled and made into new products."

Gray writes for the Detroit Free Press

8. <http://www.energysavers.gov/financial/70022.html> - Information on the U.S. Department of Energy Rebate Program to encourage recycling of refrigerators and freezers.

9. <http://www.greenecoservices.com/recycle-make-money-refrigerators/> Refrigerators and freezers contribute to hazardous waste if landfilled improperly. Photo: Oncor.com.

The Great Texas Refrigerator Roundup is part of Oncor's "Take A Load Off, Texas" tour, an educational campaign designed to speak to consumers about the importance of energy efficiency. The program has reached more than 2.8 million consumers throughout the state. According to the U.S. EPA, older refrigerators and freezers can put a great strain on local power grids, often using more than twice the energy of a new ENERGY STAR qualified model. By upgrading to an energy efficient model, consumers can save between \$50-100 in energy costs annually.

ENERGY STAR estimates there are over 47 million refrigerators over ten years old in the U.S. If every American home replaced its pre-1993 refrigerator with an ENERGY STAR model, enough energy would be saved to light more than 8.1 million homes for an entire year.

If you're looking to recycle a refrigerator or freezer outside of Texas, check out the Recycle My Old Fridge Campaign.

10. GE Press release at

<http://www.marketwatch.com/story/ge-expands-appliance-recycling-for-consumers-and-retailers-how-rad-2011-09-09>

Sept. 9, 2011, 10:45 a.m. EDT

GE Expands Appliance Recycling for Consumers and Retailers -- How RAD.

70 percent of consumers want all or part of their appliance recycled.

PHILADELPHIA, Sep 09, 2011 (BUSINESS WIRE) -- --GE and Appliance Recycling Centers of America (ARCA) now provide appliance recycling services to 12 Northeastern and Mid-Atlantic states.

New technology system reduces landfill waste of refrigerators by 85 percent by weight. GE Appliances launches initiative to facilitate retailer participation in appliance recycling efforts.

/quotes/zigman/227468/quotes/nls/ge GE -0.13% -- GE is expanding appliance recycling options for consumers and retailers through its relationship with Appliance Recycling Centers of America, Inc. /quotes/zigman/62484/quotes/nls/arci ARCI +4.93% , which has doubled its service offerings to 12 states in the Northeastern and Mid-Atlantic regions of the U.S.

It's What Consumers Want: Today, 70 percent of consumers want all or part of their appliances recycled, and 82 percent will go out of their way to purchase from a manufacturer that recycles.

Sixty-seven percent are even willing to pay more if a retailer offers recycling programs -- making an Environmental Protection Agency (EPA) Responsible Appliance Disposal (RAD) Program partnership a desirable goal for appliance retailers.(1)

As the first and only major appliance manufacturer to partner with the EPA RAD Program, GE is helping retailers become partners of the program as well -- helping differentiate them among consumers in this tough economy.

"We envision a day when consumers walk into a retail store and are presented with a myriad of new appliance options -- including appliances that are clearly marked with information about the manufacturer's and retailer's recycling practices and participation with the EPA RAD Program," said Mark Shirkness, general manager, distribution services, GE Appliances & Lighting. "The RAD Program is the industry's marquee recycling initiative. Similar to ENERGY STAR(R), it's designed to create consumer awareness."

GE's Initiative to Engage RAD Retail Partners: Currently, about 40 percent of appliances collected by retailers are resold -- putting inefficient, used models back on the grid.(2) In a new initiative to engage appliance retailers in the RAD Program, GE will help ensure a steady stream of appliances to the ARCA Advanced Processing (AAP) regional recycling facility in Philadelphia, Pa. To encourage retailers in the Northeast and Mid-Atlantic regions of the U.S. to participate in the RAD Program, GE will help facilitate the retailer's relationship with AAP, ARCA and the EPA; GE will provide RAD Program retail partners with marketing assistance to promote their program participation to consumers; and ARCA will haul away the retailer's used appliance volume for delivery to AAP(3) and support the retailer in reporting environmental metrics annually to the EPA.

More States Serving More Consumers: Since February, GE and ARCA have doubled the number of states where recycling services are offered, providing 100,000 additional appliance units to AAP annually. AAP now receives used appliances from Massachusetts, Connecticut, Pennsylvania, Maryland, Virginia, West Virginia, New Jersey, New York, North Carolina, Delaware, Rhode Island and Vermont.

"EPA applauds GE and ARCA's commitment to expanding recycling options for consumer appliances," said Gina McCarthy, assistant administrator for EPA's Office of Air and Radiation. "Their innovative partnership helps to reduce pollution, eliminate waste and protect the Earth's ozone layer. EPA encourages other manufacturers to follow their example."

New Recycling System Reduces Waste and Emissions: Now operational, AAP's advanced refrigerator recycling technology, the UNTHA

Recycling Technology (URT) system:

- Recovers approximately 95 percent of the insulating foam in refrigerators.(4)
- Reduces typical landfill waste of the refrigerator by 85 percent by weight.(5)
- Lowers greenhouse gas (GHG) and ozone depleting substance (ODS) emissions recovered from insulating foam compared to what typically happens in the industry today.
- Recovers high-quality plastics, aluminum, copper, steel, and even pelletized foam from refrigerators that can be used to make new products, such as GE locomotives.

A 40-foot tall engineering marvel, the URT system -- which is the only URT system in North America and the only refrigerator recycling system of this scale in the U.S. -- is capable of recycling 150,000 refrigerator units per year.

Good for the Environment, Good for the Economy: "At AAP, we've created a sustainable business model that's good for both the environment and the economy," said Jack Cameron, president and CEO, ARCA. "We have a viable business that has the potential to grow well beyond the 12 states we now serve. The AAP facility in Philadelphia is a true investment in our environment, our economy and our community. ARCA's goal is to ensure the success of this program so it can be replicated throughout the country." The installation of the URT System and other capital equipment represents an approximate \$10 million AAP investment that has created over 50 additional green jobs in the Philadelphia facility.

GE Appliances & Lighting takes a cradle-to-cradle approach to managing the life cycle of an appliance, from the manufacturing of refrigerators with more environmentally sustainable insulating material, to more responsible end-of-life disposal. GE also offers hundreds of ENERGY STAR(R)-qualified models to ensure appliances deliver efficiency and cost savings to customers during product life.

See February announcement that GE was the first and only major appliance manufacturer to partner with the EPA on its RAD Program focused on responsible refrigeration recycling, which is consistent with GE's ecomagination(SM) initiative to deploy solutions for today's energy and environmental challenges.

For high-resolution photography, broadcast quality footage (b-roll), fact sheets, videos and animations describing this cutting-edge process, visit:

<http://pressroom.geconsumerproducts.com/pr/ge/ge-expands-appliance-recycling-214918.aspx>

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About GE Appliances & Lighting

GE Appliances & Lighting spans the globe as an industry leader in major appliances, lighting, systems and services for commercial, industrial and residential use. Technology innovation and the company's ecomagination initiative enable GE Appliances & Lighting to aggressively bring to market products and solutions that help customers meet pressing environmental challenges. General Electric /quotes/zigman/227468/quotes/nls/ge GE -0.13% , imagination at work, sells products under the Monogram(R), Profile(TM), Cafe(TM), GE(R), Hotpoint(R), Reveal(R) and Energy Smart(R) consumer brands, and Tetra(R), Vio(TM) and Immersion(R) commercial brands. For more information, consumers may visit www.ge.com .

About Appliance Recycling Centers of America

ARCA ([www.ARCaInc.com](http://www.arcainc.com) <http://www.arcainc.com>), one of the nation's largest recyclers of major household appliances for the energy conservation programs of electric utilities, currently

provides services for more than 175 utility programs in the U.S. and Canada. Toxic chemicals and environmentally harmful materials such as ozone-depleting refrigerants, PCBs, mercury and oil are carefully recovered in the decommissioning process for destruction or disposal, preventing them from contaminating soil, air and water resources. The company is also the exclusive North American distributor for UNTHA Recycling Technology (URT), a materials recovery system for household refrigeration appliances. (Emphasis added.)

About EPA RAD Program

EPA's Responsible Appliance Disposal (RAD) Program is a voluntary partnership program that began in October 2006 to help protect the ozone layer and reduce emissions of greenhouse gases. As part of the RAD program, partners recover ozone-depleting chemicals from old refrigerators, freezers, window air conditioners, and dehumidifiers. For more information, please visit www.epa.gov/ozone/partnerships/rad/index.html

(1) Based on results from a 2010 survey conducted by the Stevenson Company on behalf of GE Appliances & Lighting. (2) U.S. Environmental Protection Agency. "Appliance Disposal Practices in the United States."

http://www.epa.gov/ozone/partnerships/rad/raddisposal_factsheet.html

. (3) Retailer must be within AAP's service territory. (4) Based on ARCA Advanced Processing letter dated December 2010 re: PUR recovery rates. (5) ARCA Advanced Processing 2010 Landfill Data, based on the component listing found in the American Plastics Council 1994 Composition, Properties and Economic Study of Recycled Refrigerators Report.

Photos/Multimedia Gallery Available:

<http://www.businesswire.com/cgi-bin/mmg.cgi?eid=6855751&lang=en>

SOURCE: GE Appliances & Lighting

GE Appliances & Lighting Kim Freeman, Global PR Manager,
502-452-7819 kim_freeman@ge.com

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11. <http://waste360.com/business/arca-ge-expand-appliance-recycling-program>
ARCA, GE expand appliance recycling program

Allan Gerlat, Waste Age, Sep. 14, 2011 7:32pm,

Appliance Recycling Centers of America Inc. (ARCA), together with GE Appliances & Lighting, have doubled their recycling offerings from six to 12 states in the Northeast and Mid-Atlantic regions. The initiative is part of the Environmental Protection Agency's Responsible Appliance Disposal (RAD) program. In a new effort to involve appliance retailers in the RAD program, GE will help ensure shipment of old appliances to the ARCA Advanced Processing (AAP) regional recycling facility in Philadelphia.

GE also said in a press release that it will provide retail partners with help marketing the program to their customers and that ARCA will haul away the retailer's used appliances and deliver them to the recycling facility.

GE said about 40 percent of appliances collected by retailers are resold.

The AAP facility uses a refrigerator technology that recovers about 95 percent of the insulating foam and reduces typical landfill waste by 85 percent. The UNTHA Recycling Technology (URT) system cost \$10 million and is capable of recycling 150,000 refrigerators per year.

The EPA endorsed the move. "Their innovative partnership helps to reduce pollution, eliminate waste and protect the earth's ozone layer," said Gina McCarthy, assistant administrator for the EPA's Office of Air and Radiation. "EPA encourages other manufacturers to follow their example."

"We have a viable business that has the potential to grow well

beyond the 12 states we now serve," said Jack Cameron, president and CEO of ARCA. "The AAP facility in Philadelphia is a true investment in our environment, our economy and our community."

12. E-Cycling Environmental -

<http://www.ecycleenvironmental.com/junk-pick-up>

Appliance recycling is a service that everyone will need at one time or another. Whether it is a refrigerator, freezer, washer, or dryer. Everyone uses these items in their households. It makes sense to recycle your appliance due to the high metal content. However most people don't know that your appliance may very well be full of toxic substances. Hence, after E-Cycle Environmental's junk removal service comes and performs the pick up there is a lot of prepping that has to take place before your old appliance can be recycled.

Refrigerators, freezers, AC Units, and dehumidifiers contain refrigerants. These refrigerant substances are ozone depleting substances, that if released to the environment, destroy the protective ozone layer above the earth. Refrigerants have high levels of green house gases, which means an improper release can contribute to global warming. So after our junk removal service picks up your appliance it needs to be drained of any harmful materials. Then the toxic substances have to be "treated" so as not to harm the environment.

Other popular toxic substances that lie in your appliances are mercury, lead, pcb's, and oil liquids. All of these items need to be handled and removed safely prior to the recycling process.

13. San Francisco Peak Energy Program

<http://www.sfaa.org/0410recycle.html>

Recycle a Fridge - Get 50 Bucks

By San Francisco Peak Energy Program

Is your second refrigerator running? What sounds like an old telephone prank is actually an invitation to have your older, spare refrigerator or freezer picked up and recycled for free. Not only is the pickup free, but Pacific Gas and Electric Company (PG&E) will also pay customers \$35 to take it away. Customers living in San Francisco, will receive an additional incentive of \$15 as part of a joint partnership with San Francisco's Department of the Environment (until funds are depleted).

The additional funding comes from San Francisco Peak Energy Program (SFPEP), an energy-efficiency program designed specifically for residents and business owners in San Francisco. The goal of the SFPEP is to reduce peak energy demand in San Francisco and assist in the closure of Hunters Point Power Plant by using a portfolio of energy efficiency programs.

Under PG&E's statewide refrigerator recycling, customers are encouraged to recycle eligible refrigerators and freezers, saving energy and money while also earning a \$35 incentive payment from the utility. An environmentally recognized Bay area company, JACO Environmental Inc., is operating the program.

This incentive is to encourage people who buy new refrigerators not to hang onto their old ones. These inefficient units usually end up in a garage, where they become storage for a few cans of soda or some frozen dinners-a waste of energy and money.

To have your refrigerator or freezer picked up and recycled under the approved program, the appliances need to be at least 14 cubic feet in size and must have been manufactured before 1990. The program is only open to customers who receive their electricity from PG&E.

"This program is mostly targeted at those second refrigerators that customers have in the garage or basement that operate needlessly," said Terry Pang, Senior Program Manager at PG&E. "Research has shown that the majority of these spare refrigerators were built

before the current energy efficiency standards were put in place, using up to five times the energy of newer models."

SFPEP hopes this added San Francisco incentive will encourage residents to replace their older refrigerators with newer energy-efficient models. The average refrigerator or freezer manufactured before 1990 consumes about 1,500 kilowatt-hours annually, costing up to \$200 a year to run. Since 2001, federal codes called for more energy efficient refrigerators/freezers, which only use about 450 kWh per year. This means property owners can save up to \$150 on their annual bills if they replace an old refrigerator with a newer model.

Both refrigerators and freezers are eligible for the program, with a limit of two appliances per apartment unit. All refrigerators and freezers must be empty and working at the time of pick-up. About 90 percent of each refrigerator or freezer will be recycled.

This program will also help relieve some of the pressure on the state's electricity supply. Because refrigerators account for almost 20 percent of the energy used by the average California household, removing spare refrigerators and replacing older units with Energy-Star models will remove some of the strain on the electrical grid.

To expedite your request, please have your PG&E account number available when placing the call. The refrigerator/freezer recycling program is available to all PG&E customers through 2005 or until funds are depleted.

For more details or to schedule an appliance pick-up PG&E customers can call 800-299-7573. This program is funded by California utility customers and administered by Pacific Gas and Electric Company, under the auspices of the California Public Utilities Commission.

For more information on the San Francisco Peak Energy Program, residential customers can contact the Smarter Energy Line at 800-933-9555 or www.pge.com/sfpep.

Please Note: San Francisco customers are eligible for the extra \$15 incentive under the SFPEP through December 31, 2004 or until funds are depleted. Under the SFPEP program, customers can receive \$50 for recycling an eligible refrigerator or freezer that was manufactured before 1990 and is 14 cubic feet or greater.

The opinions expressed in this article are those of the author and do not necessarily reflect the viewpoint of the SFAA or the San Francisco Apartment Magazine.

<http://www.pge.com/includes/docs/pdfs/shared/saveenergymoney/rebates/recycling/refrigerator/refrigeratorrecycle.pdf>

At PG&E, we are committed to being an environmental leader and demonstrating this through our actions. Up to 98 percent of all materials from your refrigerator and/or freezer are recycled, and all harmful chemicals are disposed safely.

14. JACO Environmental Recycling Refrigerators

<http://www.onearth.org/blog/jaco-repurposing-refrigerators>

Jaco Environmental: Recycling Refrigerators and Boosting the Ohio Economy

By Lauren Kubiak

August 18, 2011 | (0) Comments

Share | |

Refrigerator recycling is a mysterious topic. How it's done, if the materials are separated, and how the iceboxes are repurposed is a topic little known to the public and, until yesterday, myself.

Jaco Environmental changed all of that. With what has to be the most advanced refrigerator recycling method in the United States, Jaco's Stow, Ohio facility disassembles between 100 and 150 refrigerators a day, says facility manager Tom Stenheiser.

Employing cutting-edge shredding technology, Jaco is able to reduce

the refrigerators down to material parts in a matter of hours, ending up with iron, copper, aluminum, plastic -- all valuable commodities -- in addition to foam, CFC's, oil, and refrigerant at the end of the process. And beyond processing whole refrigerators, Jaco's Stow location's shredder is capable of recycling an additional 150-200 refrigerators that have gone through the first stage of dismantling at one of their other U.S. facilities. So how does Jaco break the fridges down into their bare parts? First, the refrigerator rolls through the initial processing station and its compressor line is punctured, draining refrigerant and oil. Next, workers saw the compressor off of the bottom and move it onto the shredder. A giant monstrous-looking machine with a saber toothed claw (see video below) grabs the refrigerator and lifts it toward the jaws, four sets of spinning knives inside the machine. Once the claws drop the refrigerator into the airtight compartment, a blowing agent captures CFC's -- a potent ozone-depleting greenhouse gas -- from the foam insulation. The shredder continues to process the refrigerator, and a thermal distortion unit cleans the foam, which is extruded as a liquidy mixture. A magnet in one of the machine's compartments then removes iron from the mix, and aluminum, copper, and plastic are left behind to move onto another processing machine inside the facility.

Don't say you're not intrigued.

Company Profile: Jaco Environmental Location: Founded in Washington, facilities in 26 states including Stow, OH Recycling appliances for: More than 20 years Incentive: Offers \$50 tax rebate for functioning fridges (not to mention reduced consumer energy bills) Number employed: 35 at Stow facility Serves: Primarily U.S. Recent trends: Growing. As Steinheiser explains, "We haven't felt any pain [from the economic downturn], we keep growing."

15. Ozone Depleting Substances and the Climate Action Reserve: Perverse Incentives? By Michael Wara

<http://blogs.law.stanford.edu/enrlp/2010/11/18/ozone-depleting-substances-and-the-climate-action-reserve-perverse-incentives/>

Ozone depleting substances and the Climate Action Reserve: Perverse Incentives?

November 18, 2010 • by Michael Wara • comment [1]

Some may have noted in the figures in my post from last week that the Climate Action Reserve's portfolio of issued offsets has a heavy emphasis on the Ozone Depleting Substances (ODS) protocol. To date, about 1/3 of issued Certified Reduction Tons (CRTs) come from destruction of ODS at just one facility in Arkansas. This is also why Arkansas is the origin of the greatest number of issued CRTs to date. There are actually two ODS protocols, one for international and one for domestic ODS. These protocols, particularly the international protocol, illustrate some of the problems with the CAR process as well as some of the potential pitfalls of offsets in general and so bear further examination.

First off, a note on process. The ODS protocols were developed by a working group that included not a single person with an environmental advocacy background (see the acknowledgments to get a sense for participation in the Working Groups). This is neither good from an optics perspective nor a substantive one. Furthermore, the public workshop for this protocol and notice and comment could not have been more poorly timed to elicit participation. The workshop was held on December 7, 2009 and notice and comment period for the draft protocol were from November 20 to December 18, 2009. These dates may not seem like a problem until you consider what else people interested in international carbon markets might have been preparing for and attending at the time (hint: I do not mean Thanksgiving followed by an extended round of work-related holiday

parties). So, after the working groups failed to include NGO participation, the process was poorly designed to illicit comment. Indeed, it might have made more sense, given the international nature of what was under consideration, to hold the public meeting as a side-event at COP-15, either on- or off-site. If memory serves, the CAR was represented in Copenhagen. Now this isn't to say that the Policy Team at CAR intended anything nefarious with their scheduling; it is to say that the schedule they chose was very poorly designed to attract participation.

Now to substance: the protocols require that a project purchase ODS from a private or public facility, transport it to a RCRA certified or equivalent ODS destruction facility within the US, and then certify the chemical's destruction. So far so good. The question a thoughtful offsets critic might ask is, how much credit does the developer get for this? And when? The protocols give 100% credit for projected atmospheric emissions over a 10-year period on the day that the ODSs are destroyed. The protocols call this "conservative." I would argue that it is both extremely aggressive in its GHG accounting and creates potentially perverse incentives for Article-5 (developing country) parties to the Montreal Protocol.

The accounting is aggressive because it assumes that the current legal and regulatory restrictions on ODSs will not get any stricter over the next 10 years. This makes little sense, especially for Article 5 countries, which, under the Montreal Protocol, only stopped producing the ODSs in question as of January 1, 2010. These countries might very well be in the process of developing stricter regulations concerning the capture and destruction of existing, legally produced, stocks of ODSs within their borders. The protocol ignores this possibility, blithely stating that economic incentives favor continued recycling of this material.

That argument may have had merit for non-Article 5 parties to the Montreal Protocol (developed countries) because substitutes were in the process of being invented and phased in for these countries at the same time as the ODSs were being phased out. It is less clear that the same will be the case in major developing economies where the substitutes have been in use for some time. It's one thing to hoard your Chlorofluorocarbons when there are no competitive substitute gases or substitute compatible equipment. But that is just not the case for Article-5 parties in the present day because of the earlier phase out in the non-Article 5, developed countries.

In short, the protocol makes the most aggressive assumption possible regarding credit for ODS destruction by giving all the credit upfront for tons that might or might not have been allowed to leak over the next decade. A far more conservative assumption would have been to give credit on an annual basis based upon regulatory developments in the ODSs country of origin.

The protocol also creates regulatory incentives that disfavor domestic or international action to deal with ODS banks at agreed incremental cost. One of the key successes of the Montreal Protocol is its Multilateral Fund (MF). The MF has, over the past two decades, paid the agreed incremental costs of conversion from ODSs to safer alternatives in Article-5 nations. It has distributed more than \$2.5 billion to more than 6000 individual projects. "Agreed incremental cost" means an agreed upon additional cost of an alternative technology relative to the use of the CFCs. So if for example, CFC production costs \$100 million while HCFC production costs \$110 million, the MF will kick in \$10 million to make the net-cost to the developing country zero. Negotiation and agreement of these costs occurs at the level of the MF Executive Committee. I, amongst others, have proposed that this program might be the

appropriate avenue, rather than the carbon market, for especially potent GHGs.

The US government under both the Bush and Obama Administrations, has supported extensions, first proposed by the Maldives, to the Montreal Protocol that are explicitly aimed at reducing the climate impacts of ODS. What does this have to do with the ODS protocols produced by CAR?

Creation of these protocols is, given time, likely to create a strong constituency opposed to further modifications to the Montreal Protocol that might address the existing banks of ODS. It's worth noting that addressing these banks has been the subject of substantial study and policy analysis, most of which recommends against the use of carbon markets. Thus to the extent that the CAR protocol creates an incentive for a government to cease domestic efforts to deal with its banks of ODS, resources are likely being wasted (via inframarginal rents derived from the carbon market), more effective domestic regulation is discouraged, and international action on this important issue for the ozone layer and climate is likely delayed.

None of this context is even addressed in the protocol's justification of additionality (of what would have happened in the absence of the carbon offset project). The protocol instead takes the view that the regulatory picture for ODS banks is static, rather than highly dynamic, and elects to freeze the regulatory picture so far as it relates to offset crediting, in the present day. This both discourages what would likely be more cost- and environmentally effective approaches to these ODS and potentially allows the use of these substances within domestic cap-and-trade schemes, thus diluting the environmental credibility of the climate initiatives. Once again, a better solution here would be to allow credit to be claimed for 10 years but to issue credits on an annual basis that takes into account the then-current regulatory picture for these gases.

My personal view is that the CAR needs to do a much better job of incorporating environmental NGOs or advocates into their protocol development process. This will help to insure both political credibility and that truly conservative assumptions regarding baselines and accounting are built into their offset protocols. Better process can lead to better substantive outcomes. Perhaps this will occur without any action on CARs part: climate policy wonk attention is rapidly shifting to California's AB-32 implementation and away from Washington DC. But CAR's Policy Team shouldn't remain a passive actor in this - the ODS protocols illustrate the need to engage in active solicitation of NGO participants for the offset development process.

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16. EPA Website on the Partnership Program:

<http://www.epa.gov/ozone/partnerships/rad/>

Responsible Appliance Disposal (RAD) Program

EPA's Responsible Appliance Disposal (RAD) Program is a voluntary partnership program that began in October 2006 to help protect the ozone layer and reduce emissions of greenhouse gases. As part of the RAD program, partners recover ozone-depleting chemicals from old refrigerators, freezers, window air conditioners, and dehumidifiers. Using best practices, RAD partners ensure that: For the 2010 RAD Program Annual Report, visit RAD Annual Report.

Upcoming Events

RAD Program Webinar: Carbon Financing Opportunities for ODS Destruction

The RAD Program Webinar Carbon Financing Opportunities for ODS Destruction has been postponed. Updated information will be available soon. Refrigerant is recovered and reclaimed or destroyed

Foam is recovered and destroyed, or the blowing agent is recovered and reclaimed

Metals, plastic, and glass are recycled

PCBs, mercury, and used oil are recovered and properly disposed

As part of the program, EPA serves as a technical clearinghouse on responsible appliance disposal program development and implementation; calculates annual and cumulative program benefits in terms of ODS and GHG emission savings and equivalents and, as available, potential cost savings; and provides partner recognition for achievement, such as through press releases, brochures, articles, and awards.

RAD partners include utilities, retailers, local governments, manufacturers, universities, and other interested organizations. In addition to public recognition, joining the program may also serve as a way to document climate efforts, and may help partners meet any voluntary commitments or pledges they may have to reduce greenhouse gas emissions. Partners may also reap additional environmental benefits - in the form of reduced energy consumption - by encouraging appliance owners to retire old inefficient appliances that may consume between two and four times more energy than new units.

State governments may also join the Program as RAD Affiliates, to increase environmental benefits within their states. As Affiliates, States promote the RAD Program to potential partners within their state through information dissemination and strategic outreach. They may also serve as technical resources and provide recognition to Partners within their states.

GE Appliances Helps Unveil Fridge-Recycling Behemoth in Philly, Expands Options for Customers and Supports New Jobs

It wouldn't be out of place at a monster truck rally. 40 feet tall and capable of eating up and breaking down 150,000 used refrigerators annually, the new UNTHA Recycling Technology (URT) system at the Appliance Recycling Centers of America's (ARCA's) facility in Philadelphia is an engineering marvel. At an event there this morning, GE and ARCA announced that the URT system is ready to go to work on its first old fridge (as are the facility's 50 new employees, whose new green jobs were supported by ARCA's \$10 million investment in URT and other new capital equipment). The URT system - a 40-foot tall engineering marvel that helps reduce refrigerator landfill waste by 85 percent by weight. The URT system can process approximately one refrigerator per minute, and ARCA Advanced Processing (AAP) anticipates 150,000 used refrigerators will be processed in the URT system annually. The first in North America, the URT system is a 40 foot tall engineering marvel. It is the only refrigerator recycling system of this scale in the U.S.

The URT system can transform refrigerator insulating foam into pellets for use as fuel or other products.

The URT system recovers approximately 95 percent of the insulating foam in refrigerators in a sealed system, reducing greenhouse gas and ozone-depleting substance emissions compared to what typically happens in the industry today.

"Industry Way" - one refrigerator's shredded insulating foam which is typically landfilled (three large blue barrels). "The RAD Way" - one refrigerator's degassed and pelletized insulating foam, which can be used as fuel or other products (lower, far right bucket).

Mark Shirkness, general manager, distribution services, GE Appliances, watches the URT system process refrigerator insulating foam. The URT system degasses and compresses insulating foam into pellets, helping reduce greenhouse gas emissions and landfill waste of a refrigerator by 85 percent by weight. The URT system recovers

high-quality plastics, aluminum, copper, steel and even pelletized foam from refrigerators that can be used to make new products. Shown here: steel.

The URT system degasses and compresses insulating foam into pellets in a sealed system, helping reduce greenhouse gas emissions and landfill waste of a refrigerator by 85 percent by weight.

There will be plenty of those refrigerators: since February, GE and ARCA have doubled the number of states served, feeding 100,000 additional appliance units to the Philly facility from Massachusetts, Connecticut, Pennsylvania, Maryland, Virginia, West Virginia, New Jersey, New York, North Carolina, Delaware, Rhode Island and Vermont. Consumers bring their used refrigerators to participating retailers, like The Home Depot, who then send them to ARCA. It's all part of GE's participation in the Environmental Protection Agency's Responsible Appliance Disposal program.

The towering URT system's performance is impressive. By recovering around 95 percent of the insulating foam in refrigerators, in addition to high-quality plastics, aluminum, copper and steel, URT reduces the typical landfill waste of a refrigerator by 85 percent. It also lowers the greenhouse gas and ozone depleting substance emissions recovered from insulating foam.

These achievements help ensure that the end of a GE appliance's life is just as sustainable as its birth: In April, GE became the first full-line appliance manufacturer in the U.S. to adopt an emissions-reducing foaming agent to make its top-freezer refrigerators at its plant in Decatur, Alabama. From there and everywhere else GE appliances are manufactured, they live energy-efficient lives, recognized with the GE's winning of a sixth straight Energy Star "Sustained Excellence" award. Now, with URT operational, GE refrigerators will be reborn as completely new products. For example, steel recovered by URT will be sold to a supplier for processing and then repurchased as steel deck plate by GE Transportation for use in building locomotives.

<http://www.gereports.com/ge-appliances-helps-unveil-fridge-recycling-behemoth-in-philly-expands-options-for-customers-and-supports-new-jobs/>

17. Ozone Depleting Substances Redux - Instrument of Choice -

December 3, 2010 • by Michael Wara •

<http://blogs.law.stanford.edu/enrlp/2010/12/03/ozone-depleting-substances-redux-%e2%80%93-instrument-choice/>

First off, thank you to the many people that have responded, both via email and in the comments section of the blog. The point of a blog is to elicit a conversation, and that has certainly ensued. The comments have all been very thoughtful and needless to say, I've learned a lot. I strongly recommend that readers take the time to read through them. I've also continued reading on the issue and have a few more thoughts to add.

All ODS projects are not created equal

First off, as Jeff Cohen of EOS Climate is at pains to point out, it is important to distinguish between so-called "virgin" stockpiles of ODS that exist in both government and private hands in developing countries and the more dispersed banks that are where most ODS reside. The stockpiles were the focus of my previous post. Cohen states that, as far as he knows, government stockpiles currently eligible for import into the US for destruction under the CAR protocol, are relatively small - on the order of 300,000 tons. If that estimate is accurate and the total mass of ODS in government hands is not growing, then this is probably not worth focusing too much attention or effort on. On the other hand, we've already seen close to 2 million CRTs (23% of issued credits) enter the market from virgin stockpiles to date. Presuming that these

are the last of the privately held stockpiles that made it into CAR before the deadline for private stockpiled imports closed, this represents about 2 months of issuance at current rates and is perhaps not something to be too concerned about as well.

The more interesting and important question then is, what do we do about the dispersed banks of ODS, both in developed and developing countries?

These are (relatively) small volumes of gas incorporated into things like building HVAC systems, large industrial chillers, residential refrigerators, and the like. The big question is instrument choice for these dispersed ODS banks, in developed and developing countries. In developed countries, most of this gas is recycled under current law and regulation with only the fraction that is too polluted to clean up being destroyed. In developing countries, the extent of recycling is less clear.

In my previous post, I made the argument that these dispersed banks would be better addressed under the auspices of the Montreal Protocol for developing countries. Many in the ODS offset community argue that carbon markets are essential. For developed countries, I think there are real questions that need to be answered before we rush into a carbon market approach.

Dispersed ODS in developing countries

A key point of negotiation at the most recent MOP, second only in importance to the issue of an early HFC phaseout, were the developing country banks of ODS. There is a desire on the part of some to utilize the Multilateral Fund (MF) of the Montreal Protocol, mentioned in my previous post, to begin dealing with the problem of banks. There are two big problems with an MF approach - one financial, one legal.

The more important of the two can be summed up with one word:

money. It would cost quite a bit - estimates vary but on the order of 50-150 billion dollars over 10 years - to deal with the existing and predicted ODS banks. The MF doesn't operate with nearly this large of a budget and so would need substantial additional resources to take a crack at it. On the other hand, the last time I checked, that's about what was being promised on an annual basis for long-term climate funding to the developing world in 2020. Of course one might not actually believe that the developed country parties to the Copenhagen Accord have any intention (or are capable of making a credibly commitment) to long-term climate finance. Given that the MF as an institution has demonstrated long-standing success in assisting (capacity and finance) developing countries with implementation of relatively complex regulatory programs, it might then make sense to utilize at least a part of the climate finance to fund the MF for these activities. This funding would have the advantage of helping to insure both a rapid reduction in GHG emissions and a more rapid repair of the ozone layer - a double dividend of sorts. Further, since the MF operates on a 3-year budgeting cycle, it would be possible to gradually increase the scale of funding for bank-related activities as they proved their success. To sum up, the use of a portion of the funds promised to 2020 for climate to fund an expansion of MF opportunities would be a highly credible alternative to the current situation where MRV of both the sources and the uses of climate finance is one of the key issues at the climate negotiations.

A separate but not unimportant problem is that there is an unclear legal basis for the MF to engage in abatement of banks. The Montreal Protocol was never designed to regulate banks - it governs production and consumption of ODS, not their ultimate fate post-consumption. One response is to suggest that the MF is not actually regulating anything - of course it is used to assist developing countries in complying with their Montreal Protocol

obligations, but so long as this new role did not conflict with its mandate, then there need not be a problem with a bit of mission creep. A better response is to argue that the Montreal Protocol has been amended numerous times - it is a living document. The addition of control measures aimed at banks after phase-out need not be unprecedented. Indeed, provided the banks targeted were post-phase out (eg CFC-11 and -12), then there wouldn't even be a conflict with the Montreal Protocol's method for accounting for consumption of ODS. One could add an Article that stated that all nations were responsible for managing their ODS banks post-phase out to the maximum extent feasible and then provide that Article 5 countries would be provided agreed incremental cost funding for such activities via the MF.

Dispersed ODS projects in developed countries

So what about the United States? Should we use the carbon market or traditional regulatory measures (command and control) to handle ODS banks? I think the best answer is probably both. My view is that a market based approach is appropriate for situations where the regulator lacks either (1) capacity to get the job done or (2) the information necessary to identify and abate sources of pollution or (3) where the market can do the job for a lower social cost than a more traditional approach. We have evidence from a number of regulatory programs as to the effectiveness of a traditional approach to ODS bank management, most notably from Australia. Jeff Cohen of EOS Climate argues that this program has been ineffective and has led to widespread venting. People I spoke with both in government and in academia in Australia beg to differ and regard the effort as "pathbreaking." I do not know enough to be able to comment here, except to say that there is a debate on the issue. What seems clear is that some sources will be easier to manage than others. HVAC systems in large commercial buildings: easier - these ODSs are already recycled. Insulating foams in residential refrigerators: harder. Perhaps the right approach would be to phase in regulatory controls for destruction for the lowest cost most easily identifiable ODS banks in developed countries (a Montreal Protocol TEAP study could no doubt identify these quite easily) and leave the remainder for the carbon market - with periodic updates to the split between regulatory and market-based efforts. The effect of this would be to leave to the market what the market does best - creating incentives to cost-effectively abate hard to identify or control emissions sources - while leaving to the regulators what they do best - abating easily identifiable sources of pollution that are relatively small in number.

Could EPA or CARB implement such a program? Absolutely. The issue is political will. The road that the Climate Action Reserve has taken, making all offsets from ODS destruction additional, makes this mixed outcome, far less likely. (Emphasis added.)

18. Update for Visual Thinkers by Michael Wara

December 7, 2010 • by Michael Wara •

I just updated my data for the Climate Action Reserve's (CAR) issuance of offsets to reflect activity during the month of November. November was a relatively slow month with only 158,000 tons of offsets, called Certified Reduction Tons (CRTs), issued by CAR. One new state entered the picture, Kansas, with the issuance of a sizable chunk of offsets from a landfill methane management project. As of December 1, 2010, the total offset volume verified and issued under the CAR protocols comes to 8,407,713 tons. See figure 1a and 1b for a picture of the developing market for US offsets.

Figure 1a: CAR Offset Issuance by Project Protocol to December 1, 2010.

Figure 1b: CAR Offset Issuance by Project Protocol as a function of time to December 1, 2010.

In an effort to better illustrate and understand the political economy of the developing domestic offsets market, I created Figure 2, showing the distribution of offsets by state. It helps to drive home the point that CAR is fast becoming a program of national scope that should, over time, build constituencies in a number of states that will push for adoption of federal cap-and-trade legislation. Offset project owners will do this for no other reason than that it will increase the value (\$/CRT) of their projects. Of note, CAR is currently forming working groups to develop two agricultural offset protocols. These protocols hold the promise of both producing significant tons for the California compliance market, if adopted by CARB as compliance grade protocols, and of adding a politically significant industry to the emissions trading constituency.

Figure 2: Origin of CAR Issued Offsets by U.S. State to December 1, 2010.

AB 32, Agriculture, California, Climate Action Reserve, Climate Change, Offsets

19. Disposal of Refrigerators - Freezers in the U.S.: State of the Practice

<http://www.aham.org/industry/ht/a/GetDocumentAction/i/16317> see map at page 21 of the PDF. (EPA Grant Research Paper).

Attachment: www.arb.ca.gov/lists/capandtrade10/1577-lwilliams___azabel_ods_comment_9-26-11.doc

Original File Name: LWilliams & AZabel ODS Comment 9-26-11.doc

Date and Time Comment Was Submitted: 2011-09-27 03:11:39

No Duplicates.

Comment 17 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: jeff

Last Name: cohen

Email Address: jcohen@eosclimate.com

Affiliation:

Subject: 2nd revisions to Cap-Trade Regulations and ODS Project Protocol

Comment:

Comments attached, thanks

Attachment: www.arb.ca.gov/lists/capandtrade10/1578-eos_comments_2nd_revisions.pdf

Original File Name: EOS comments_2nd revisions.pdf

Date and Time Comment Was Submitted: 2011-09-27 05:16:59

No Duplicates.

Comment 18 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Laura

Last Name: Beane

Email Address: laura.beane@iberdrolaren.com

Affiliation: Iberdrola Renewables

Subject: Iberdrola Renewables' Comments on Cap and Trade 9/27/11

Comment:

Iberdrola Renewables' appreciates the opportunity to provide comments on the revised Cap and Trade regulations.

Attachment: www.arb.ca.gov/lists/capandtrade10/1579-iberdrola_renewables_comments_-_cap_and_trade_regulation_september_2011.pdf

Original File Name: Iberdrola Renewables Comments - Cap and Trade Regulation September 2011.pdf

Date and Time Comment Was Submitted: 2011-09-27 06:17:56

No Duplicates.

Comment 19 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: David

Last Name: Antonioli

Email Address: dantonioli@v-c-s.org

Affiliation: VCS - the Verified Carbon Standard

Subject: Comments on the second notice of modified California cap and trade regulations

Comment:

Enclosed, please find comments by the Verified Carbon Standard Association (VCSA) on the second notice of modified text of ARB's Proposed Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation.

Thank you for the opportunity to provide input to this important regulation. Should you have any questions, please do not hesitate to contact me by telephone (+1 202 296 1427) or email (dantonioli@v-c-s.org).

David Antonioli

Chief Executive Officer

Attachment: www.arb.ca.gov/lists/capandtrade10/1580-final_vcsa_comments_on_arb_modified_cap__trade_rule_issued_9-12-11.pdf

Original File Name: FINAL VCSA comments on ARB modified cap trade rule issued 9-12-11.pdf

Date and Time Comment Was Submitted: 2011-09-27 07:58:51

No Duplicates.

Comment 20 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Annika Muenkel

Last Name: Tschach Solutions

Email Address: annika.muenkel@tschach-solutions.com

Affiliation:

Subject: Comment on Surrender of Compliance Instruments

Comment:

Please see letter attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1581-tschach_solutions_public_comment_on_2nd_15-day_package.pdf

Original File Name: Tschach Solutions_Public Comment on 2nd 15-day package.pdf

Date and Time Comment Was Submitted: 2011-09-27 09:08:51

No Duplicates.

Comment 21 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Brenda

Last Name: Coleman

Email Address: brenda.coleman@calchamber.com

Affiliation: The California Chamber of Commerce

Subject: Commentary on Second 15-day Cap and Trade Rulemaking

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1582-c___t_second_15-day_comments.pdf

Original File Name: C & T Second 15-Day Comments.pdf

Date and Time Comment Was Submitted: 2011-09-27 10:30:29

No Duplicates.

Comment 22 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Nancy

Last Name: Allred

Email Address: nancy.allred@sce.com

Affiliation: Southern California Edison Company

Subject: SCE Comments on Cap-and-Trade 15-Day Comments (September 2011)

Comment:

Please see attached comments of Southern California Edison Company on the proposed 15-day modifications to the cap-and-trade regulation.

Attachment: www.arb.ca.gov/lists/capandtrade10/1583-sce_comments_to_arb_on_cap-and-trade_15_day_language_september_2011.pdf

Original File Name: SCE Comments to ARB on Cap-and-Trade 15 Day Language September 2011.pdf

Date and Time Comment Was Submitted: 2011-09-27 11:04:59

No Duplicates.

Comment 23 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: John

Last Name: Larrea

Email Address: john@clfp.com

Affiliation: CA League of Food Processors

Subject: 2nd 15-day rulemaking

Comment:

CLFP comments to Second 15-day rulemaking

Attachment: www.arb.ca.gov/lists/capandtrade10/1585-clfp_comments_on_2nd_15day_-_09272001.pdf

Original File Name: CLFP Comments on 2nd 15day - 09272001.pdf

Date and Time Comment Was Submitted: 2011-09-27 11:19:28

No Duplicates.

Comment 24 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Emily

Last Name: Rooney

Email Address: emily@agcouncil.org

Affiliation: Agricultural Council of CA

Subject: Proposed Changes, Second Notice

Comment:

See attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1587-cap___trade_15_day_comments_sept_27_2011.pdf

Original File Name: Cap & Trade 15 Day Comments Sept 27 2011.pdf

Date and Time Comment Was Submitted: 2011-09-27 11:34:05

No Duplicates.

Comment 25 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Catherine

Last Name: Lyons

Email Address: clyons@bayareacouncil.org

Affiliation: Bay Area Council

Subject: Bay Area Council Supports Cap-and-Trade - Use this Attachment

Comment:

Please excuse the previous message and use this attachment as our public comment.

Thank you.

=

Attachment: www.arb.ca.gov/lists/capandtrade10/1590-update_on_ab32_cap-and-trade-sep26.docx

Original File Name: Update on AB32 Cap-and-Trade-Sep26.docx

Date and Time Comment Was Submitted: 2011-09-27 11:19:38

No Duplicates.

Comment 26 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Tim
Last Name: O'Connor
Email Address: toconnor@edf.org
Affiliation: EDF

Subject: Comments on Second 15 day changes
Comment:

Please see attached comment letter from EDF on the second proposed 15-day changes draft of the AB 32 cap-and-trade regulation.

Attachment: www.arb.ca.gov/lists/capandtrade10/1592-edf15daycomments_-_sep_27_2011.pdf

Original File Name: EDF15daycomments - Sep 27 2011.pdf

Date and Time Comment Was Submitted: 2011-09-27 12:22:01

No Duplicates.

Comment 27 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Chris

Last Name: Youngmark

Email Address: cyoungmark@usw.org

Affiliation: USW

Subject: USW comments in opposition to Proposed Modifications to the CA Cap and Trade Regulations

Comment:

Opposed to recent actions by CARB to speed up compliance with a California only Cap and Trade Program.

Attachment: www.arb.ca.gov/lists/capandtrade10/1593-clerk_of_the_board__air_resources_board.pdf

Original File Name: Clerk of the Board, Air Resources Board.pdf

Date and Time Comment Was Submitted: 2011-09-27 12:29:04

No Duplicates.

Comment 28 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Jennifer
Last Name: Chamberlin
Email Address: JChamberlin@LSPower.com
Affiliation: LS Power Associates, L.P.

Subject: Comments of LS Power on Sept. 12, 2011 Revisions to the Cap-and-Trade Regulation
Comment:

LS Power offers the following comments on the California Air Resources Board ("CARB") September 12, 2011 Notice of Availability of Modified Text for the Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, Including Compliance Offset Protocols ("cap-and-trade").

Attachment: www.arb.ca.gov/lists/capandtrade10/1594-110929_ls_power_comments_on_cap_and_trade_reg__00027582_.pdf

Original File Name: 110929 LS Power Comments on Cap and Trade Reg (00027582).PDF

Date and Time Comment Was Submitted: 2011-09-27 12:40:36

No Duplicates.

Comment 29 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Steven

Last Name: Smith

Email Address: Steven.B.Smith@Saint-Gobain.com

Affiliation:

Subject: C&T Comments

Comment:

Please find attached Verallia's comments on Cap & Trade.

Attachment: www.arb.ca.gov/lists/capandtrade10/1595-carb_c_t_9-27-11.pdf

Original File Name: CARB C&T 9-27-11.pdf

Date and Time Comment Was Submitted: 2011-09-27 12:53:50

No Duplicates.

Comment 30 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Ann

Last Name: Chan

Email Address: ann_chan@twS.org

Affiliation: The Wilderness Society

Subject: TWS comments on 2nd 15-day changes with attachments

Comment:

TWS appreciates the opportunity to comment on the 2nd 15-day changes to the CA cap-and-trade regulation. Attached please find a comment letter with two attachments.

Attachment: www.arb.ca.gov/lists/capandtrade10/1596-tws_comments_on_2nd_15-day_changes.zip

Original File Name: TWS comments on 2nd 15-day changes.zip

Date and Time Comment Was Submitted: 2011-09-27 12:47:05

No Duplicates.

Comment 31 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Laurie & Allan

Last Name: Williams / Zabel

Email Address: williams.zabel@gmail.com

Affiliation: Volunteer Citizens Climate Lobby

Subject: Comment on AB 32 Livestock Digester Protocol and Regulations

Comment:

We are providing this supplemental comment on the AB 32 Livestock Digester Protocol and Regulations on behalf of ourselves as private citizens and on behalf of the Citizens Climate Lobby, a non-profit group based in San Diego, CA and concerned about climate change.

We are submitting the press release below to document the pressures that dairy's are under to improve manure management and insure that they do not impact other local agriculture and waterways. As this press release provides additional evidence that it is not possible to discern whether a dairy or other livestock farm decides to use an anaerobic digester because of the offset program/payment and when this decision would have occurred otherwise, in the absence of the offset program, as a result of other pressures, including the threat of regulatory enforcement against discharges and potential nuisance and tort actions by neighboring landowners and communities.

As noted in our prior comments (August 2008, December 13, 2010, July 27, 2011, and August 10, 2011) offset credits that lack integrity and are not additional will undermine the integrity of the entire AB 32 program and its accounting of reductions, and is contrary to the requirements of AB 32

<http://yosemite.epa.gov/opa/admpress.nsf/0/0fdbab7c7ab964d28525791700614ae0?OpenDocument>

U.S. EPA Orders 13 Chino Dairies to Control Manure Runoff // Joint effort with local Water Board to protect Santa Ana River

Release date: 09/26/2011

Contact Information: Francisco Arcaute, (213) 244-1815, Cell (213) 798-1404, arcaute.francisco@epa.gov

(9/26/11) LOS ANGELES - The U.S. Environmental Protection Agency is ordering 13 Chino area dairies to comply with Clean Water Act requirements to prevent dairy manure waste and other pollutants from reaching local waterways.

Among the violations discovered at the dairies subject to EPA's orders were:

- failure to construct or maintain controls necessary to prevent manure and other contaminants from discharging into waterways
- failure to take reasonable steps to minimize or prevent discharges

- failure to develop and implement Engineered Waste Management Plans
- failure to conduct proper routine inspections of the facility

"To protect the Santa Ana River watershed, we're taking action to ensure these dairies are prepared for the upcoming winter rains, when animal waste could flow from their dairies into nearby creeks and streams," said Jared Blumenfeld, EPA's Regional Administrator for the Pacific Southwest. "We will also be evaluating whether monetary penalties are appropriate, pursuant to our authority under the federal Clean Water Act."

Inspections to evaluate permit compliance at dairies are an ongoing focus of the EPA and the Regional Water Quality Control Board. Between November 2010 and February 2011, Water Board representatives inspected dozens of dairies in the Chino area.

"The Santa Ana Regional Water Quality Control Board welcomes and benefits from its partnership with U.S. EPA in regulating waste discharges from dairies within the Santa Ana Region," said Kurt Berchtold, Executive Officer of the Santa Ana Regional Water Quality Control Board. "We look forward to continued cooperative activities with the EPA in the future to enforce Clean Water Act requirements at the dairies within our region."

Through its administrative process, the EPA is ordering the following dairies to immediately comply with their permit requirements issued by the Santa Ana Regional Water Quality Control Board:

- Bachoc Dairy #1
- Bollema Dairy
- Bosch Dairy
- Costa Dairy
- El Dorado Dairy
- Falloncrest Farms/ Legend Dairy Farms
- Goyenette Dairy #3
- John Weststeyn Cattle
- H&R Dairy
- Koot Dairy #2
- Legend Dairy Farms #2
- Syann Dairy #2
- Three D Dairy

The EPA orders are intended to improve the dairies' environmental performance as quickly as possible by bringing them into compliance with the basic requirements of their permits.

For more information on the National Pollutant Discharge Elimination System (NPDES) Concentrated Animal Feeding Operation (CAFO) program, please visit: <http://cfpub.epa.gov/npdes/index.cfm> and click on the following links, NPDES Information, NPDES Permit Program Basics, and concentrated animal feeding operations.

For more information on the EPA Administrative Orders, please visit:
<http://www.epa.gov/region09/water/npdes/compliance.html>

For more information on the Santa Ana Regional Water Quality Control Board,
 please visit: <http://www.swrcb.ca.gov/rwqcb8/>

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-09-27 12:05:25

No Duplicates.

Comment 32 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Jane

Last Name: Valentino

Email Address: jane@resource-solutions.org

Affiliation:

Subject: Center for Resource Solutions comments on 2nd 15 day modifications

Comment:

Dear Chair Nichols and Members of the Board:

Please accept these comments on behalf of the Center for Resource Solutions.

Sincerely,

Jane Valentino
Policy Strategist
Center for Resource Solutions

Attachment: www.arb.ca.gov/lists/capandtrade10/1598-crs_letter_re_second_15day_modifications.pdf

Original File Name: CRS Letter re Second 15day modifications.pdf

Date and Time Comment Was Submitted: 2011-09-27 13:00:55

No Duplicates.

Comment 33 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Thomas

Last Name: Corr

Email Address: thomaspcorr@gmail.com

Affiliation: Noble Americas Energy Solutions LLC

Subject: Noble Solutions Comments on "RPS Adjustment"

Comment:

Attached please find "COMMENTS OF NOBLE AMERICAS ENERGY SOLUTIONS LLC," dated September 27, 2011, submitted in response to ARB's "Second Notice of Public Availability of Modified Text and Availability of Additional Documents and Information," issued September 12, 2011.

Attachment: www.arb.ca.gov/lists/capandtrade10/1599-noble_solutions_comments_to_arb_27sep11.pdf

Original File Name: NOBLE SOLUTIONS COMMENTS TO ARB 27sep11.pdf

Date and Time Comment Was Submitted: 2011-09-27 12:55:18

No Duplicates.

Comment 34 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: JoElle

Last Name: Arnado

Email Address: joelle.l.arnado@conocophillips.com

Affiliation: ConocoPhillips

Subject: ConocoPhillips Company Comments on Proposed Modifications to the California Cap-and-Trade

Comment:

Letter from ConocoPhillips - Proposed Modifications to the California Cap-and-Trade.

JoElle Arnado, CPS

Refinery Administrative Assistant

Attachment: www.arb.ca.gov/lists/capandtrade10/1600-ab32_cop_comments_capandtrade_to_carb_09272011_final.pdf

Original File Name: AB32 COP Comments CapandTrade to CARB 09272011 FINAL.pdf

Date and Time Comment Was Submitted: 2011-09-27 13:03:48

No Duplicates.

Comment 35 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Kim

Last Name: Lim

Email Address: lim.ks@pg.com

Affiliation:

Subject: Proposed CA CAP on Greenhouse Gas Emissions

Comment:

Chairman Nichols and Members of the Board:

Please see attached additonal comments on California Cap on Greenhouse Gas Emissions.

Attachment: www.arb.ca.gov/lists/capandtrade10/1601-additional_public_comments_for_greenhouse_gas_emissions.pdf

Original File Name: Additional Public Comments for GREENHOUSE GAS EMISSIONs.pdf

Date and Time Comment Was Submitted: 2011-09-27 13:12:13

No Duplicates.

Comment 36 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Catherine
Last Name: Reheis Boyd
Email Address: joey@wspa.org
Affiliation: WSPA

Subject: WSPA Comments on 15 day Proposed Regulations: Cap on GHG Emissions
Comment:

Please see attached WSPA Comments on 2nd 15-day Proposed Regulations: California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms. Thank you.

Attachment: www.arb.ca.gov/lists/capandtrade10/1602-wspa_comments_on_2nd_15_day_cap_and_trade_gas_emissions__2_.pdf

Original File Name: WSPA Comments on 2nd 15 day Cap and Trade Gas Emissions (2).pdf

Date and Time Comment Was Submitted: 2011-09-27 13:15:48

No Duplicates.

Comment 37 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Ray C.

Last Name: Yee

Email Address: yee@ppg.com

Affiliation: PPG Industries, Inc.

Subject: Comments on 9-12-11 CapandTrade Modifications

Comment:

Attached are the comments of PPG Industries, Inc. on the 15-day noticed modifications to the proposed Cap-and-Trade regulation.

Attachment: www.arb.ca.gov/lists/capandtrade10/1603-ppg_glass_comments_on_9-12-11_modifications_to_cap-and-trade_regulation.pdf

Original File Name: PPG Glass Comments on 9-12-11 Modifications to Cap-and-Trade regulation.pdf

Date and Time Comment Was Submitted: 2011-09-27 13:27:09

No Duplicates.

Comment 38 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: William

Last Name: Herz

Email Address: wcherz@tfi.org

Affiliation: The Fertilizer Institute

Subject: 15-2

Comment:

The Fertilizer Institute (TFI) would like to thank the California Air Resources Board (ARB) for the opportunity to comment on the proposed AB-32 cap-and-trade rule. Attached are our comments to the 2nd 15-day notification.

Attachment: www.arb.ca.gov/lists/capandtrade10/1604-tfi_15-day_comments_9-27-11.pdf

Original File Name: TFI 15-day comments 9-27-11.pdf

Date and Time Comment Was Submitted: 2011-09-27 13:22:43

No Duplicates.

Comment 39 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Scott

Last Name: DuBoff

Email Address: sduboff@gsblaw.com

Affiliation: Local Government Coalition for Renewable

Subject: Comments on Proposed Cap-and-Trade Regulations

Comment:

Attached please find comments on CARB's proposed Cap-and-Trade regulations submitted on behalf of the Local Government Coalition for Renewable Energy.

Attachment: www.arb.ca.gov/lists/capandtrade10/1605-comments_to_carb_re_wte_9-27-2011.pdf

Original File Name: Comments to CARB re WTE 9-27-2011.pdf

Date and Time Comment Was Submitted: 2011-09-27 13:28:24

No Duplicates.

Comment 40 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: JJ

Last Name: Fair

Email Address: jj.fair@calpeak.com

Affiliation:

Subject: Cap and Trade program comments.

Comment:

Please see Starwood Midway comments to proposed Cap and Trade rules as it pertains to generators with Long Term contracts witch have no GHG cost recovery mechanisms

Attachment: www.arb.ca.gov/lists/capandtrade10/1606-927_ghg_comments.pdf

Original File Name: 927 GHG comments.pdf

Date and Time Comment Was Submitted: 2011-09-27 13:35:23

No Duplicates.

Comment 41 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Erin

Last Name: Craig

Email Address: erin@terrapass.com

Affiliation: TerraPass Inc.

Subject: TP Comments on 2nd 15-day package

Comment:

Please see attachment.

Attachment: www.arb.ca.gov/lists/capandtrade10/1607-2011.09.27_-_tp_candt_2nd_15_day_comments_final.pdf

Original File Name: 2011.09.27 - TP CandT 2nd 15 day comments final.pdf

Date and Time Comment Was Submitted: 2011-09-27 13:39:29

No Duplicates.

Comment 42 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: John

Last Name: Melby

Email Address: john.melby@thegreenx.com

Affiliation:

Subject: GreenX Comments - 2nd 15-day Package

Comment:

The Green Exchange LLC ("GreenX") welcomes the opportunity to comment on the propose rules for implementation of the AB32 cap and trade program.

Attachment: www.arb.ca.gov/lists/capandtrade10/1608-greenx_capandtrade_comments_20110927.pdf

Original File Name: GreenX_capandtrade_comments_20110927.pdf

Date and Time Comment Was Submitted: 2011-09-27 13:43:42

No Duplicates.

Comment 43 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Bo

Last Name: Buchynsky

Email Address: b.buchynsky@dgc-us.com

Affiliation: Wildflower Energy

Subject: Greenhouse Gas Emissions Compliance

Comment:

Wildflower Energy's comments on the Second 15-day Notice.

Attachment: www.arb.ca.gov/lists/capandtrade10/1609-carb_-_comments_on_09-12-2011_revisions.pdf

Original File Name: CARB - Comments on 09-12-2011 Revisions.pdf

Date and Time Comment Was Submitted: 2011-09-27 13:49:54

No Duplicates.

Comment 44 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Elizabeth

Last Name: Hadley

Email Address: ehadley@reupower.com

Affiliation: Redding Electric Utility

Subject: Cap-&-Trade Comments from Redding, Modesto, Turlock

Comment:

Please find the attached comments from Redding Electric Utility, Modesto Irrigation District, and Turlock Irrigation District on the 2nd set of 15-day changes to the Proposed California Cap-&-Trade Program.

Attachment: www.arb.ca.gov/lists/capandtrade10/1610-cap___trade_2nd_15-day_comments_from_modesto_redding_turlock__final_.pdf

Original File Name: Cap & Trade 2nd 15-day Comments from Modesto_Redding_Turlock_FINAL_.pdf

Date and Time Comment Was Submitted: 2011-09-27 13:53:20

No Duplicates.

Comment 45 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Kyle

Last Name: Boudreaux

Email Address: kyle.boudreaux@fpl.com

Affiliation: NextEra Energy Resources

Subject: Comments to ARB on 2nd 15-day Proposed Changes to GHG Cap and Trade
Comment:

Attached are the comments of NextEra Energy Resources to ARB staff on the 2nd round of proposed changes to the GHG cap and trade program released for comment on September 12, 2011.

Attachment: www.arb.ca.gov/lists/capandtrade10/1611-comments_from_nextera_energy_resource_to_arb_on_ghg_cap_and_trade_9_27_11.pdf

Original File Name: Comments from NextEra Energy Resource to ARB on GHG Cap and Trade 9_27_11.pdf

Date and Time Comment Was Submitted: 2011-09-27 14:00:40

No Duplicates.

Comment 46 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: James

Last Name: Campbell

Email Address: James.Campbell@PacifiCorp.com

Affiliation:

Subject: PacifiCorp Comments on 2nd 15-day CT Modification

Comment:

Please find PacifiCorp's Comments attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1612-110927_ct_sept_12_15-day_comments_final.pdf

Original File Name: 110927_CT Sept 12 15-day Comments Final.pdf

Date and Time Comment Was Submitted: 2011-09-27 14:06:00

No Duplicates.

Comment 47 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Michael

Last Name: Huber

Email Address: michael.huber@navy.mil

Affiliation: U.S. Department of Defense

Subject: DoD Cap & Trade Comments (1 of 2) - ASN(EI&E) letter

Comment:

On behalf of the Department of Defense (DoD) Regional Environmental Coordinator for Region IX, I submit the two attached correspondence for the administrative record in support of Second Notice of Public Availability of Modified Text and Additional Documents and Information (2nd 15-Day Change Notice) on the California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, including Compliance Offset Protocols (cap-and-trade program). The 16 September 2011 letter from the Assistant Secretary of the Navy for Energy, Installations and the Environment, Ms Pfannenstiel, to ARB's Chairwoman, Ms. Mary Nichols, as well as the June 28, 2011 supplemental legal analysis supporting DoD's request for a permanent exemption.

While we appreciate ARB's recognition of the issues surrounding Department of Defense participation in the cap-and-trade program, and proposed section 95852.2(c) Subchapter 10, Article 5, Title 17 of the California Code of Regulations that grants a temporary relief for emissions from NAAICS code 92811 until December 31, 2013, this temporary relief is an incomplete solution. We ask, therefore, that the exemption be made permanent in recognition that DoD will address federal mandates for the reduction of greenhouse gases (GHG).

Attachment: www.arb.ca.gov/lists/capandtrade10/1613-asn_ei_e__cap_and_trade_16sep2011.pdf

Original File Name: ASN(EI&E) cap and trade 16Sep2011.pdf

Date and Time Comment Was Submitted: 2011-09-27 14:02:12

No Duplicates.

Comment 48 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Charles

Last Name: Purshouse

Email Address: charles.purshouse@camcoglobal.com

Affiliation:

Subject: Camco comments on proposed Sept 12 15 day changes

Comment:

Please find attached Camco's comments on the proposed 15-day changes

Attachment: www.arb.ca.gov/lists/capandtrade10/1614-camco_arb_comments_sept_12.pdf

Original File Name: Camco ARB Comments_Sept 12.pdf

Date and Time Comment Was Submitted: 2011-09-27 14:11:01

No Duplicates.

Comment 49 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Michael

Last Name: Huber

Email Address: michael.huber@navy.mil

Affiliation: U.S. Department of Defense

Subject: DoD Cap & Trade Comments (2 of 2) - Supplemental Legal Analysis
Comment:

On behalf of the Department of Defense (DoD) Regional Environmental Coordinator for Region IX, I submit the two attached correspondence for the administrative record in support of Second Notice of Public Availability of Modified Text and Additional Documents and Information (2nd 15-Day Change Notice) on the California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, including Compliance Offset Protocols (cap-and-trade program). The 16 September 2011 letter from the Assistant Secretary of the Navy for Energy, Installations and the Environment, Ms Pfannenstiel, to ARB's Chairwoman, Ms. Mary Nichols, as well as the June 28, 2011 supplemental legal analysis supporting DoD's request for a permanent exemption.

While we appreciate ARB's recognition of the issues surrounding Department of Defense participation in the cap-and-trade program, and proposed section 95852.2(c) Subchapter 10, Article 5, Title 17 of the California Code of Regulations that grants a temporary relief for emissions from NAAICS code 92811 until December 31, 2013, this temporary relief is an incomplete solution. We ask, therefore, that the exemption be made permanent in recognition that DoD will address federal mandates for the reduction of greenhouse gases (GHG).

Attachment: www.arb.ca.gov/lists/capandtrade10/1615-dod_cap_and_trade_supplemental_legal_analysis_28jun2011.pdf

Original File Name: DoD Cap and Trade Supplemental Legal Analysis 28Jun2011.pdf

Date and Time Comment Was Submitted: 2011-09-27 14:17:43

No Duplicates.

Comment 50 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Barry

Last Name: Vesser

Email Address: bvesser@climateprotection.org

Affiliation: Climate Protection Campaign

Subject: Changes to CALIFORNIA CAP ON GREENHOUSE GAS EMISSIONS AND
MARKET-BASED COMPLIANCE MECHANIS

Comment:

We are very concerned that ARB's decision to remove the limited restrictions on the investor-owned utilities' (IOUs) use of allowance value is unwarranted and potentially detrimental to the ongoing process to allocate allowance value in furtherance of the objectives of AB 32.

We disagree with ARB's decision to remove the provisions in the rule providing guidance to the electric IOUs on how to return auction revenue for the benefit of their retail customers, Section 95892(d)(3) page 143 of the revised draft. The provisions simply ensure that the IOUs' use of allowance value will not mute the carbon price signal embedded in retail rates or be tied exclusively to an individual utility customers' energy consumption. Maintaining the carbon price at the retail level is at the heart of staff's allocation scheme for the utility sector and reflects the consensus recommendation of nearly every expert body that has examined the issue - including the Economic Allocation Advisory Committee. As designed, we do not believe that the provisions would unduly interfere with the California Public Utilities Commission's (CPUC) jurisdiction over rate setting.

Although ARB's rationale to remove the provisions rests on questions of legal authority, we are concerned that stakeholders may attempt to construe ARB's decision as signaling a change of position on the matter from a policy perspective. Past CPUC decisions have called for ARB's judgment on questions surrounding allocating allowance value from the electricity sector and ARB's position will be significant in shaping the ultimate resolution. Should ARB proceed with the proposed changes, we therefore ask that ARB reaffirm unequivocally its expert conclusion that "staff believes that any rebates to residential customers should be made as separate payments and not simply deducted from customer bills. The purpose of this restriction is to ensure the carbon price is reflected in residential electric rates"

Thanks for your consideration.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2011-09-27 09:04:56

No Duplicates.

Comment 51 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Kyle

Last Name: Danish

Email Address: kwd@vnf.com

Affiliation: Coalition for Emission Reduction Policy

Subject: CERP Comments on 2nd 15-day Changes to Cap-and-Trade Regulation

Comment:

Enclosed please find comments from the Coalition for Emission Reduction Policy (CERP) on the second notice of modified regulatory text for the California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms. CERP appreciates the opportunity to provide such comments to the Air Resources Board.

Attachment: www.arb.ca.gov/lists/capandtrade10/1617-cerp_comments_to_arb_9-27-11.pdf

Original File Name: CERP Comments to ARB 9-27-11.pdf

Date and Time Comment Was Submitted: 2011-09-27 14:18:25

No Duplicates.

Comment 52 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Dan

Last Name: Riley

Email Address: daniel.t.riley@tsocorp.com

Affiliation: Tesoro Companies Inc.

Subject: CARB Cap and Trade Comments

Comment:

Attached is Tesoro's comments to the referenced subject.

Attachment: www.arb.ca.gov/lists/capandtrade10/1618-carb_letter_re_cap_and_trade_2010.pdf

Original File Name: CARB LETTER RE CAP and Trade 2010.pdf

Date and Time Comment Was Submitted: 2011-09-27 14:23:51

No Duplicates.

Comment 53 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Lynn

Last Name: Bragg

Email Address: bvickers@pacellp.com

Affiliation: Glass Packaging Institute (GPI)

Subject: Comments to Amendments to the Regulation for the Mandatory Reporting of GHG Emissions

Comment:

Please find the attached zip file containing GPI's comments to the Air Resources Board concerning the amendments to the regulation for the mandatory reporting of greenhouse gas emissions.

Best regards,

Lynn

Lynn M. Bragg

President

Glass Packaging Institute (GPI)

Attachment: www.arb.ca.gov/lists/ghg2010/116-archive.zip

Original File Name: Archive.zip

Date and Time Comment Was Submitted: 2011-09-24 16:58:48

No Duplicates.

Comment 54 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Carole

Last Name: Stapper

Email Address: carolestapper@templeinland.com

Affiliation:

Subject: GHG Cap & Trade Product Benchmarking

Comment:

Comments are in the attached letter.

Attachment: www.arb.ca.gov/lists/capandtrade10/1620-carb_ghg_cap_and_trade_regulation_-_september_comments.pdf

Original File Name: CARB GHG Cap and Trade Regulation - September Comments.pdf

Date and Time Comment Was Submitted: 2011-09-27 14:24:37

No Duplicates.

Comment 55 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Gerald

Last Name: Miller

Email Address: gerald_miller@praxair.com

Affiliation: Praxair, Inc.

Subject: Comments of Praxair, Inc. on the September 12, 2011 Revisions to the CNT Regulations

Comment:

Praxair, Inc. submits these comments to the California Air Resources Board ("CARB") in response to the September 12, 2011 public notice of modified text to CARB's Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, Including Offset Protocols ("cap-and-trade").

Attachment: www.arb.ca.gov/lists/capandtrade10/1621-110927_praxair_carb_comments_to_2nd_cnt_modifications__00027608_.pdf

Original File Name: 110927 Praxair CARB Comments to 2nd CNT Modifications (00027608).PDF

Date and Time Comment Was Submitted: 2011-09-27 14:19:32

No Duplicates.

Comment 56 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Bruce

Last Name: McLaughlin

Email Address: mclaughlin@braunlegal.com

Affiliation: Offsets Working Group

Subject: Support Adoption of Offset Regulations

Comment:

Please find attached the comments of the Offsets Working Group on the 2nd 15-Day Modifications.

Attachment: www.arb.ca.gov/lists/capandtrade10/1624-20110927_owg_pr_comments_final.pdf

Original File Name: 20110927_OWG_PR comments final.pdf

Date and Time Comment Was Submitted: 2011-09-27 14:38:47

No Duplicates.

Comment 57 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Andrew

Last Name: Ulmer

Email Address: aulmer@caiso.com

Affiliation: Attorney for California ISO

Subject: Comments of the California ISO (cap and trade)

Comment:

Attached please find a letter from Keith Casey, Vice President of Market and Infrastructure Development at the California Independent System Operator Corporation regarding the Second 15-day Notice of Public Availability of Modified Text for the Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Regulation, including Compliance Offset Protocols

Attachment: www.arb.ca.gov/lists/capandtrade10/1625-110927_letter_to_arb.pdf

Original File Name: 110927 Letter to ARB.pdf

Date and Time Comment Was Submitted: 2011-09-27 14:45:31

No Duplicates.

Comment 58 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Michelle

Last Name: Passero

Email Address: mpassero@tnc.org

Affiliation:

Subject: TNC Comments on Proposed Cap and Market-Based Compliance Mechanism
Comment:

Please accept the attached comments from The Nature Conservancy in response to the September draft modifications to the rules related to the proposed cap and market-based compliance regulation, including compliance offset protocols.

Attachment: www.arb.ca.gov/lists/capandtrade10/1626-tnccomments_15dayrulessept.pdf

Original File Name: TNCComments_15DayRulesSept.pdf

Date and Time Comment Was Submitted: 2011-09-27 14:50:13

No Duplicates.

Comment 59 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Susie

Last Name: Berlin

Email Address: sberlin@mccarthylaw.com

Affiliation:

Subject: NCPA Comments on 2nd 15-day Revisions for the California Cap-and-Trade Program
Comment:

Attached please find the Comments of the Northern California Power Agency (NCPA) on the Second 15-Day Revisions for the Proposed Regulation to Implement the California Cap-and-Trade Program.

thank you.

Attachment: www.arb.ca.gov/lists/capandtrade10/1627-ncpa_comments_on_9-12-11_second_15-day_revisions_for_cap_and_trade_proposed_reg__final_9-27-11_.pdf

Original File Name: NCPA Comments on 9-12-11 second 15-day revisions for cap and trade proposed reg _final 9-27-11_.pdf

Date and Time Comment Was Submitted: 2011-09-27 14:55:16

No Duplicates.

Comment 60 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Bruce

Last Name: McLaughlin

Email Address: mclaughlin@braunlegal.com

Affiliation:

Subject: Request change to 95802(a)(85)

Comment:

Please find attached comments on the 2nd 15-Day Modifications.

Attachment: www.arb.ca.gov/lists/capandtrade10/1628-20110927_2nd_15_day_mods_comments.pdf

Original File Name: 20110927_2nd 15 Day Mods comments.pdf

Date and Time Comment Was Submitted: 2011-09-27 14:55:55

No Duplicates.

Comment 61 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: John

Last Name: Busterud

Email Address: jwbb@pge.com

Affiliation: Pacific Gas and Electric Company

Subject: PG&E's Comments on ARB's Sept. 12, 2011 Proposed Modifications to Cap-and-Trade Reg.

Comment:

Attached in PDF format, are Pacific Gas and Electric Company's Comments on the Air Resources Board's September 12, 2011 Proposed Modifications to the AB 32 Cap-And-Trade Regulation.

Attachment: www.arb.ca.gov/lists/capandtrade10/1629-clean_092711_final_capandtrade_pg_ecomments_00119446.pdf

Original File Name: clean_092711_FINAL_CapAndTrade_PG&EComments_00119446.pdf

Date and Time Comment Was Submitted: 2011-09-27 14:53:00

No Duplicates.

Comment 62 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Joseph
Last Name: Seymour
Email Address: jseymour@ttcorp.com
Affiliation: Renewable Energy Markets Association

Subject: Renewable Energy Markets Association's (REMA) Comments on California C&T
VRE Reserve Acct

Comment:

Please accept the attached comments in PDF format on behalf of the Renewable Energy Markets Association (REMA) regarding the California Air Resources Board's cap on greenhouse gases. REMA's comments specifically address revisions to the Voluntary Renewable Energy Reserve Account.

For questions or comments on the attached comments, please contact me, Joseph Seymour, REMA Policy Coordinator, at jseymour@ttcorp.com or 202-640-6597 x302

Attachment: www.arb.ca.gov/lists/capandtrade10/1630-rema_carb_reserve_acct_9272011.pdf

Original File Name: REMA_CARB_Reserve_Acct_9272011.pdf

Date and Time Comment Was Submitted: 2011-09-27 14:39:34

No Duplicates.

Comment 63 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Martin

Last Name: Hopper

Email Address: sberlin@mccarthylaw.com

Affiliation:

Subject: M-S-R Comments

Comment:

Attached please find M-S-R Comments on Cap-and-Trade Regulation,
Second 15-Day Revisions.

thank you.

Attachment: www.arb.ca.gov/lists/capandtrade10/1631-m-s-r_comments_re_2nd_15-day_revisions__final_9-27-11_.pdf

Original File Name: M-S-R comments re 2nd 15-day revisions _final 9-27-11_.pdf

Date and Time Comment Was Submitted: 2011-09-27 15:00:30

No Duplicates.

Comment 64 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Veronica

Last Name: Hicks

Email Address: veronica@water.cagov

Affiliation:

Subject: capand trade10

Comment:

Please open the attached zip file to review comments submitted by the Department of Water Resources on the proposed regulation for the California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms.

Please note the documents are dated:

December 15, 2010,
August 11, 2011, and
September 26, 2011.

On behalf of Veronica Hick, Chief,

Thank You, Jacquee George

Attachment: www.arb.ca.gov/lists/capandtrade10/1632-092711_service_cap_and_trade__2_.zip

Original File Name: 092711 Service Cap and Trade (2).zip

Date and Time Comment Was Submitted: 2011-09-27 14:51:45

No Duplicates.

Comment 65 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Rob

Last Name: Simon

Email Address: Robert_Simon@americanchemistry.com

Affiliation: American Chemistry Council

Subject: California Cap on Greenhouse Gas, Second 15-Day Notice, Posted September 12, 2011.

Comment:

California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation, Second 15-Day Notice, Posted September 12, 2011.

Dear Clerk:

The Industrial Gases Panel of the American Chemistry Council appreciates the opportunity to submit comments on the "Second Notice of Public Availability of Modified Text and Availability of Additional Documents and Information" posted on September 12, 2011.

We offer the enclosed comments to inform and enhance the Air Resource Board's efforts.

Please find the attached comments.

Attachment: www.arb.ca.gov/lists/capandtrade10/1633-acc_igp_comments_on_arb_second_15_day_notice_final.pdf

Original File Name: ACC IGP Comments on ARB Second 15 Day Notice FINAL.pdf

Date and Time Comment Was Submitted: 2011-09-27 15:05:53

No Duplicates.

Comment 66 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Beth

Last Name: Vaughan

Email Address: beth@beth411.com

Affiliation: California Cogeneration Council

Subject: CCC Comments on 2nd 15-day modified Cap and Trade regulation

Comment:

CCC comments attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1634-9-27-11_ccc_comments_2nd_15_daymodifiedcandt_final.pdf

Original File Name: 9-27-11_CCC_Comments_2nd_15 dayModifiedCandT_FINAL.pdf

Date and Time Comment Was Submitted: 2011-09-27 15:09:05

No Duplicates.

Comment 67 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Norman
Last Name: Plotkin
Email Address: norm@pzallc.com
Affiliation: CIPA

Subject: CIPA Comments on Cap and Trade Second 15 Day Changes
Comment:

Please find attached comments of the California Independent
Petroleum Association on the Cap and Trade Second 15 Day Changes.

Attachment: www.arb.ca.gov/lists/capandtrade10/1635-cipa_comments_on_cap_and_trade_second_15_day_changes.pdf

Original File Name: CIPA Comments on Cap and Trade Second 15 Day Changes.pdf

Date and Time Comment Was Submitted: 2011-09-27 15:10:48

No Duplicates.

Comment 68 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Marcie

Last Name: Milner

Email Address: marcie.milner@shell.com

Affiliation:

Subject: Shell Energy North America (US), L.P. Comments to the Cap and Trade Program
Modifications

Comment:

Please find attached the above referenced comments.

Regards,

Marcie Milner

Vice President, Regulatory Affairs

Shell Energy North America (US), L.P.

Attachment: www.arb.ca.gov/lists/capandtrade10/1636-shell_energy_comments_to_carb_cap_and_trade_program__9-27-11_.pdf

Original File Name: Shell Energy Comments to CARB Cap and Trade Program (9-27-11).pdf

Date and Time Comment Was Submitted: 2011-09-27 15:15:10

No Duplicates.

Comment 69 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Steve

Last Name: Huhman

Email Address: steven.huhman@morganstanley.com

Affiliation: Morgan Stanley Capital Group, Inc.

Subject: Comments on Cap-and-Trade Rule

Comment:

Attached please find comments of Morgan Stanley Capital Group Inc.
on the 9/12/11 version of the Cap-and-Trade Rule.

Attachment: www.arb.ca.gov/lists/ghg2010/125-arb_cap-and_trade_15-day_comments_9-27-11.doc

Original File Name: ARB Cap-and Trade 15-day Comments 9-27-11.doc

Date and Time Comment Was Submitted: 2011-09-27 13:37:55

No Duplicates.

Comment 70 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Mitch

Last Name: Mitchell

Email Address: dxjones@semprautilities.com

Affiliation: Sempra Energy utilities

Subject: Proposed 2nd 15-Day Modif to Article 5: Cap on GHG Emissions & Market-based
Compli Mechs

Comment:

The attached are comments from San Diego Gas & Electric and
SoCalGas.

Attachment: [www.arb.ca.gov/lists/ghg2010/128-
seu_commts_ca_cap_on_ghg_emiss_9_27_11.docx](http://www.arb.ca.gov/lists/ghg2010/128-seu_commts_ca_cap_on_ghg_emiss_9_27_11.docx)

Original File Name: SEu commts CA Cap on GHG Emiss 9 27 11.docx

Date and Time Comment Was Submitted: 2011-09-27 14:29:22

No Duplicates.

Comment 71 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Lisa

Last Name: Jacobson

Email Address: ljacobson@bcse.org

Affiliation: Business Council for Sustainable Energy

Subject: 09.27.11 BCSE Comments on Modified Text....

Comment:

Thank you for the opportunity to comment on the Modified Text for the Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Regulation, including Compliance Offset Protocols.

Please contact the Business Council for Sustainable Energy with any questions, www.bcse.org.

Attachment: www.arb.ca.gov/lists/capandtrade10/1639-09_27_11_bcse_comments_arb_proposed_modified_text....pdf

Original File Name: 09 27 11 BCSE Comments ARB Proposed Modified Text....pdf

Date and Time Comment Was Submitted: 2011-09-27 15:22:34

No Duplicates.

Comment 72 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Jeffrey

Last Name: Fort

Email Address: jeffrey.fort@snrdenton.com

Affiliation: GHG Early Action Group

Subject: Comments on Second Notice of Public Availability of Modified Text
Comment:

Please see attached comments.

Attachment: www.arb.ca.gov/lists/capandtrade10/1640-arbcomment.pdf

Original File Name: ARBcomment.pdf

Date and Time Comment Was Submitted: 2011-09-27 15:24:44

No Duplicates.

Comment 73 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: FRANK
Last Name: CAPONI
Email Address: fcaponi@lacsds.org
Affiliation: LACSD

Subject: Comment Letter on September 2011 Amendments to the Regulation for the Cap & Trade Program

Comment:

Comment Letter from Frank Caponi of the Los Angeles County Sanitation Districts.

Attachment: www.arb.ca.gov/lists/capandtrade10/1641-sept_2011_cap_and_trade_15_day_language_letter.pdf

Original File Name: Sept 2011 Cap and Trade 15 day Language Letter.pdf

Date and Time Comment Was Submitted: 2011-09-27 15:28:57

No Duplicates.

Comment 74 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Tim
Last Name: Haines
Email Address: thaines@swc.org
Affiliation:

Subject: SWC Comments on 2nd 15 Day Language
Comment:

Attached are State Water Contractors Comments.

Attachment: www.arb.ca.gov/lists/capandtrade10/1642-09-27-11_sw_carb_comments_on_california_cap-and-trade_program.pdf

Original File Name: 09-27-11 SWC CARB Comments on California Cap-and-Trade Program.pdf

Date and Time Comment Was Submitted: 2011-09-27 14:57:18

No Duplicates.

Comment 75 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Janet

Last Name: Bell

Email Address: jbell@mwdh2o.com

Affiliation:

Subject: Metropolitan Water District Comments Letter

Comment:

Attached is Metropolitan Water District's comment letter on the second set of modifications to the proposed Cap-and-Trade regulations.

Attachment: www.arb.ca.gov/lists/capandtrade10/1643-mwd_comments_carb_2nd_15_day_modifications_to_cap_and_trade_language_comments_final____2_.jksign.pdf

Original File Name: MWD Comments CARB 2nd 15 Day Modifications to Cap and Trade Language Comments (FINAL) (2).jksign.pdf

Date and Time Comment Was Submitted: 2011-09-27 15:32:25

No Duplicates.

Comment 76 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Gary

Last Name: Gero

Email Address: gary@climateactionreserve.org

Affiliation: Climate Action Reserve

Subject: Support for the Cap-and-Trade Regulation

Comment:

Our written comments in support of the revised cap-and-trade regulation are attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1644-climate_action_reserve_public_comment_letter_to_arb_on_proposed_c_t_regulation_revisions.pdf

Original File Name: Climate Action Reserve Public Comment Letter to ARB on Proposed C&T Regulation Revisions.pdf

Date and Time Comment Was Submitted: 2011-09-27 15:39:08

No Duplicates.

Comment 77 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Harold

Last Name: Buchanan

Email Address: harold@ce2capital.com

Affiliation: CE2 Carbon Capital

Subject: Second 15-day change package comments

Comment:

Attachment: www.arb.ca.gov/lists/capandtrade10/1645-2011-09-27_ce2-second_15_day_change_package_comments.pdf

Original File Name: 2011-09-27 CE2-Second 15 Day Change Package Comments.pdf

Date and Time Comment Was Submitted: 2011-09-27 15:48:37

No Duplicates.

Comment 78 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Carl

Last Name: Wirdak

Email Address: carl_wirdak@oxy.com

Affiliation: Occidental Petroleum

Subject: Oxy comments on September 15-day changes

Comment:

Please see attached Occidental Petroleum comments on C&T regulation
- Proposed 15-Day Modifications.

Attachment: www.arb.ca.gov/lists/capandtrade10/1646-oxy_comments_sep_15d_ct_092711.pdf

Original File Name: Oxy comments Sep 15d CT 092711.pdf

Date and Time Comment Was Submitted: 2011-09-27 15:53:24

No Duplicates.

Comment 79 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Clare

Last Name: Breidenich

Email Address: cbreidenich@aciem.us

Affiliation: Western Power Trading Forum

Subject: Cap and Trade Comments (2nd package)

Comment:

Please find attached comments of the Western Power Trading Forum on the 2nd proposed modifications to the Cap and Trade Regulation.

Thank you,

Clare Breidenich

WPTF GHG Committee Director

Attachment: www.arb.ca.gov/lists/capandtrade10/1647-9-27-11_wptf_comments_to_carb_2nd_cap_and_trade_package.pdf

Original File Name: 9-27-11 WPTF comments to CARB 2nd cap and trade package.pdf

Date and Time Comment Was Submitted: 2011-09-27 15:59:40

No Duplicates.

Comment 80 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Maggie

Last Name: Estrada

Email Address: maggie.estrada@constellation.com

Affiliation: Constellation Energy

Subject: Comments of ACE Cogeneration and Rio Bravo to Revisions to Cap-and-Trade Regulation

Comment:

ACE Cogeneration and Rio Bravo submit these comments on the September 12th, 2011 Notice of Public Hearing to Consider Adoption of a Proposed California Cap on Greenhouse Gas Emissions and Market Based Compliance Mechanism Regulation, including the Compliance Offset Protocol.

Attachment: www.arb.ca.gov/lists/capandtrade10/1648-110927_ace_rio_bravo_carb_cmts_transitional_assistance__00027631_.pdf

Original File Name: 110927 ACE Rio Bravo CARB Cmts Transitional Assistance (00027631).PDF

Date and Time Comment Was Submitted: 2011-09-27 16:02:59

No Duplicates.

Comment 81 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Brian

Last Name: Shillinglaw

Email Address: bshillinglaw@newforests-us.com

Affiliation: New Forests

Subject: Comments on September 15-day changes

Comment:

Please find New Forests' comments attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1649-new_forests_15-day_sept_comments.docx

Original File Name: New Forests 15-day Sept comments.docx

Date and Time Comment Was Submitted: 2011-09-27 16:07:42

No Duplicates.

Comment 82 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Shelly

Last Name: Sullivan

Email Address: ssullivan@onemain.com

Affiliation: AB 32 Implementation Group

Subject: AB 32 Implementation Group's Comments on CARB 2nd 15-day Cap-and-Trade rulemaking package

Comment:

Attached please find comments from the AB 32 Implementation Group regarding CARB's 2nd 15-day rulemaking package.

Attachment: www.arb.ca.gov/lists/capandtrade10/1650-ig_c_t_ig_2nd_15-day_cap-and-trade_comments_9_27_final.pdf

Original File Name: IG C_T IG 2nd 15-day Cap-and-Trade Comments 9_27_FINAL.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:07:02

No Duplicates.

Comment 83 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Angela

Last Name: Foster-Rice

Email Address: angela.foster-rice@united.com

Affiliation:

Subject: Cap and Trade Comments

Comment:

See enclosed comments.

Attachment: www.arb.ca.gov/lists/capandtrade10/1651-united_comment_letter_september_27_2011.pdf

Original File Name: United comment letter September 27 2011.PDF

Date and Time Comment Was Submitted: 2011-09-27 16:15:46

No Duplicates.

Comment 84 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Paula

Last Name: Swedeen

Email Address: pswedeen@pacificforest.org

Affiliation: The Pacific Forest Trust

Subject: Comments on Second 15-day Changes to the Cap and Trade Regulations

Comment:

Dear Mr. Goldstene,

Please accept the attached comment letter regarding the latest revisions to the proposed cap and trade regulations. Again, we appreciate the enormous effort and high level of professionalism on the part of your staff. We look forward to working with you on finalization of this rule package.

Sincerely,

Paula Swedeen

The Pacific Forest Trust

Attachment: www.arb.ca.gov/lists/capandtrade10/1652-pft_comments_on_2nd_15-day_changes_to_the_arb_c_t_regs.pdf

Original File Name: PFT Comments on 2nd 15-day Changes to the ARB C&T Regs.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:11:26

No Duplicates.

Comment 85 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Dwayne

Last Name: Phillips

Email Address: Dwayne.Phillips@Airliquide.com

Affiliation: Air Liquide Large Industries U.S. L.P.

Subject: Comments of Air Liquide Large Industries U.S. LP

Comment:

Please find attached the comments of Air Liquide Large Industries U.S. LP regarding the Proposed Regulations to Implement the California Cap-and-Trade Program, September 12, 2011 Proposed 15-Day Modification.

Attachment: www.arb.ca.gov/lists/capandtrade10/1653-2011-09-27_air_liquide_comment_letter.pdf

Original File Name: 2011-09-27 Air Liquide Comment Letter.pdf

Date and Time Comment Was Submitted: 2011-09-27 15:58:53

No Duplicates.

Comment 86 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Miriam

Last Name: Swaffer

Email Address: mswaffer@ucsusa.org

Affiliation: Union of Concerned Scientists & allies

Subject: Offsets Protocol Group Comments

Comment:

Please see that attached comments

Attachment: www.arb.ca.gov/lists/capandtrade10/1654-ab_32_compliance_offsets_group_comments_-_9_27_11.pdf

Original File Name: AB 32 Compliance Offsets group comments - 9 27 11.pdf

Date and Time Comment Was Submitted: 2011-09-27 15:51:58

No Duplicates.

Comment 87 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Camille

Last Name: Kustin

Email Address: camille@betterworldgroup.com

Affiliation:

Subject: Coalition letter on Comments on Second 15-Day Amendments – Voluntary Renewable Electricity

Comment:

Attached is the Global Warming Action Coalition letter on Voluntary Renewable Electricity Set Asides.

Attachment: www.arb.ca.gov/lists/capandtrade10/1655-coalition_letter_re_vre_set_aside9-27-11final.pdf

Original File Name: Coalition Letter re VRE set aside9-27-11FINAL.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:20:09

No Duplicates.

Comment 88 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Evan

Last Name: Ard

Email Address: eard@evomarkets.com

Affiliation: Evolution Markets Inc.

Subject: Evolution Markets Comments on Proposed Changes to the GHG Cap-and-Trade Regulations

Comment:

Evolution Markets appreciates this opportunity to comment on the second set of 15-day rule changes.

Attachment: www.arb.ca.gov/lists/capandtrade10/1656-arb_2nd_15-day_rule_changes_--_evomkts_comments_final.pdf

Original File Name: ARB 2nd 15-day rule changes -- EvoMkts Comments FINAL.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:22:27

No Duplicates.

Comment 89 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Camille

Last Name: Kustin

Email Address: camille@betterworldgroup.com

Affiliation:

Subject: Coalition letter on the industrial sector

Comment:

Attached is the Global Warming Action Coalition letter on industrial allocations, greenhouse gas (GHG) benchmarks and specific refinery benchmark.

Attachment: www.arb.ca.gov/lists/capandtrade10/1657-gwac-industrialcomments9-27-11final.pdf

Original File Name: GWAC-industrialcomments9-27-11FINAL.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:22:37

No Duplicates.

Comment 90 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Kassandra
Last Name: Gough
Email Address: Kassandra.Gough@calpine.com
Affiliation: Calpine Corporation

Subject: Calpine's comments

Comment:

Attached are Calpine's comments re Second Proposed 15-Day Amendments to the Proposed California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanism Regulation.

Attachment: www.arb.ca.gov/lists/capandtrade10/1658-9-27-2011_calpine_comments_re_proposed_15-day_modifications_to_proposed_ca_cap_on_ghg_emissions.pdf

Original File Name: 9-27-2011 Calpine Comments re Proposed 15-Day Modifications to Proposed CA Cap on GHG Emissions.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:18:59

No Duplicates.

Comment 91 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Camille

Last Name: Kustin

Email Address: camille@betterworldgroup.com

Affiliation:

Subject: Coalition letter on imported electricity and program design elements

Comment:

Attached is the Global Warming Action Coalition letter on imported electricity, unsold allowances, and other design elements.

Attachment: www.arb.ca.gov/lists/capandtrade10/1659-15-day_comments_imported_elec_unsold_allowances_av_penaltiesfinal.pdf

Original File Name: 15-day comments imported elec unsold allowances AV penaltiesFINAL.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:28:01

No Duplicates.

Comment 92 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Chuck

Last Name: White

Email Address: cwhite1@wm.com

Affiliation: Waste Management

Subject: Cap and Trade Reg Comments -- 2nd 15-day Notice

Comment:

Please accept these comments from Waste Management.

Attachment: www.arb.ca.gov/lists/capandtrade10/1660-carb_final_letter_09_27_11.pdf

Original File Name: CARB final letter 09 27 11.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:30:06

No Duplicates.

Comment 93 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Kevin

Last Name: Bundy

Email Address: kbundy@biologicaldiversity.org

Affiliation: Center for Biological Diversity

Subject: Comments re Second 15-Day Notice, Cap-and-Trade Regulation

Comment:

Attached please find comments from the Center for Biological Diversity regarding the above-referenced proposed regulation.

Attachment: www.arb.ca.gov/lists/capandtrade10/1661-cbd_comments_re_ct_2nd_15day_09_27_11__with_exhibits_.pdf

Original File Name: CBD comments re CT 2nd 15day 09_27_11 (with exhibits).pdf

Date and Time Comment Was Submitted: 2011-09-27 15:54:27

No Duplicates.

Comment 94 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Sean

Last Name: Carney

Email Address: scarney@finitecarbon.com

Affiliation: Finite Carbon

Subject: Finite Carbon Cap-and-trade Regulation 15-Day Public Comments

Comment:

Comments are attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1662-finite_carbon_arb_public_comments_9-27-11.pdf

Original File Name: Finite Carbon ARB Public Comments 9-27-11.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:30:44

No Duplicates.

Comment 95 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: William

Last Name: Westerfield

Email Address: wwester@smud.org

Affiliation: Sacramento Municipal Utility District

Subject: SMUD Comments on Proposed Second 15-Day Modifications to California Cap on GHG Emissions

Comment:

Attached is SMUD's Comments on Proposed Second 15-Day Modifications to California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation.

Attachment: www.arb.ca.gov/lists/capandtrade10/1663-smud_comments_on_proposed_2nd_15-day_modifications.pdf

Original File Name: SMUD Comments on Proposed 2nd 15-Day Modifications.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:38:20

No Duplicates.

Comment 96 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Jeff
Last Name: Cole
Email Address: jcole@bluesource.com
Affiliation: Blue Source

Subject: Comments on Cap and Trade Regulation and Forest Project Protocol
Comment:

Please see attached comments on ARB's Cap and Trade Regulation and Forest Project Protocol from Blue Source LLC.

Thank you,
Jeff Cole
Vice President
Blue Source
415-637-5333

Attachment: www.arb.ca.gov/lists/capandtrade10/1666-arb_ct_reg_and_forestry_blue_source_comments_9-27-11.pdf

Original File Name: ARB CT Reg and Forestry_Blue Source Comments_9-27-11.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:16:47

No Duplicates.

Comment 97 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Keith

Last Name: Adams

Email Address: adamskb@airproducts.com

Affiliation: Air Products and Chemicals

Subject: Comments on 2nd 15-day Amendment Proposal for Cap & Trade Program

Comment:

Zip File should contain Air Products' formal comments and two
reference documents.

Attachment: www.arb.ca.gov/lists/capandtrade10/1667-air_products_comments_-_carb_2nd_15-day_proposed_rule_package.zip

Original File Name: Air Products Comments - CARB 2nd 15-day Proposed Rule Package.zip

Date and Time Comment Was Submitted: 2011-09-27 16:00:30

No Duplicates.

Comment 98 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Sheldon

Last Name: Zakreski

Email Address: szakreski@climatetrust.org

Affiliation: Climate Trust

Subject: Climate Trust 2nd notice cap and trade comments

Comment:

Thank you for providing The Climate Trust with the opportunity to submit comments regarding the California Air Resources Board's cap and trade program rules. We sincerely commend the Air Resources Board (ARB) for its pioneering leadership in greenhouse gas emission reduction policy.

The Trust genuinely values the hard, ground-breaking work ARB is doing to establish a cap and trade program and we appreciate the opportunity to weigh in and support ARB's efforts. We would welcome any ongoing opportunity to engage ARB on this important work.

Sheldon Zakreski
The Climate Trust

Attachment: www.arb.ca.gov/lists/capandtrade10/1669-tct_arb_cap_and_trade_rule_2nd_notice_comments_9-27-11.pdf

Original File Name: TCT ARB Cap and Trade Rule 2nd Notice Comments 9-27-11.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:40:48

No Duplicates.

Comment 99 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Lily
Last Name: Mitchell
Email Address: l Mitchell@hanmor.com
Affiliation: SCPPA

Subject: SCPPA comments on second 15-day changes to Cap and Trade Regulation
Comment:

Please find attached the comments of the Southern California Public Power Authority on the ARB's second 15-day changes to the Cap and Trade Regulation.

Attachment: www.arb.ca.gov/lists/capandtrade10/1671-300226001lmm09271101_cap_and_trade_comment_15-day__2_.pdf

Original File Name: 300226001lmm09271101 Cap and Trade comment 15-day _2_.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:42:01

No Duplicates.

Comment 100 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Julia

Last Name: May

Email Address: julia.e.may@gmail.com

Affiliation: CBE

Subject: CBE opposing cap & trade reg Comment1

Comment:

CBE is submitting separately 2 comment letters opposing the cap and trade regulation. This comment (with 2 attachments) includes, for example, various new weakening changes to the regulation, information about the high cost of cap and trade, and its failure to address impacts especially in heavily burdened communities of color.

(Also see the 2nd CBE letter(Karras, separately submitted)which provides detailed evaluation of the extreme further weakening of oil refinery benchmarks. These benchmarks use industry data kept secret from the public, and mask major refinery emissions increases.)

Attachment: www.arb.ca.gov/lists/capandtrade10/1672-cbe_sept_2011_cap___trade_comment_1_and_attachments.zip

Original File Name: CBE Sept 2011 cap & trade Comment 1 and attachments.ZIP

Date and Time Comment Was Submitted: 2011-09-27 15:49:44

No Duplicates.

Comment 101 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Barry
Last Name: Wallerstein
Email Address: bwallerstein@aqmd.gov
Affiliation: SCAQMD

Subject: 15day change to CA Cap on GHG Emissions
Comment:

Please find the attached comment letter from the South Coast AQMD.

Attachment: www.arb.ca.gov/lists/capandtrade10/1673-commentletter.pdf

Original File Name: CommentLetter.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:23:36

No Duplicates.

Comment 102 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Robert

Last Name: Lucas

Email Address: bob.lucas@calobby.com

Affiliation: CCEEB/Lucas Advocates

Subject: CCEEB's Comment Letter on Changes to the California Cap-and-Trade Program
Comment:

If there are any questions please contact Bob Lucas at
bob.lucas@calobby.com or (916) 444-7337.

Attachment: www.arb.ca.gov/lists/capandtrade10/1674-cceeb_cnt_september_15-day_comments_-_final.pdf

Original File Name: CCEEB CnT September 15-Day Comments - Final.pdf

Date and Time Comment Was Submitted: 2011-09-27 15:53:21

No Duplicates.

Comment 103 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: LeiLani
Last Name: Johnson Kowal
Email Address: leilani.johnson@ladwp.com
Affiliation: LADWP

Subject: LADWP Comments on AB 32 Cap-and-Trade Second 15-Day Modified Text
Comment:

Attached, please find Los Angeles Department of Water and Power's comments on the Second 15-Day Modified Text to the proposed Cap-and-Trade regulation that was released on September 12, 2011.

Sincerely,

LeiLani Johnson Kowal
Legislative and Regulatory Affairs
Los Angeles Department of Water and Power

Attachment: www.arb.ca.gov/lists/capandtrade10/1675-ladwp_comments_ab_32_cap-and-trade_2nd_modified_text_9-27-2011.pdf

Original File Name: LADWP Comments_AB 32 Cap-and-Trade 2nd Modified Text_9-27-2011.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:24:20

No Duplicates.

Comment 104 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Ellie

Last Name: Booth

Email Address: ebooth@covantaenergy.com

Affiliation: Covanta Energy

Subject: Comment Letter on September 2011 Amendments to the Cap & Trade Program
Regulation

Comment:

Please see attached comments

Attachment: www.arb.ca.gov/lists/capandtrade10/1676-2011-09_covanta_energy_comments_on_carb_cap_and_trade.pdf

Original File Name: 2011-09 Covanta Energy Comments on CARB Cap and Trade.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:44:15

No Duplicates.

Comment 105 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Nicholas
Last Name: van Aelstyn
Email Address: nvanaelstyn@bdlaw.com
Affiliation: Beveridge & Diamond, PC

Subject: Comments of Powerex Corp. on Second Set of Proposed Modifications to Cap-and-Trade Rule

Comment:

On behalf of Powerex Corp., I submit the following comments on the California Air Resources Board's second set of Proposed 15-Day Modifications to the California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms Regulation.

Sincerely,

Nicholas W. van Aelstyn

Attachment: www.arb.ca.gov/lists/capandtrade10/1677-2011-09-27_powerex_comments_on_2d_sets_of_proposed_15-day_modifications_to_mrr_and_cap-and-trade_rule.pdf

Original File Name: 2011-09-27 Powerex Comments on 2d Sets of Proposed 15-Day Modifications to MRR and Cap-and-Trade Rule.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:26:59

No Duplicates.

Comment 106 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Amber
Last Name: Riesenhuber
Email Address: amber@iepa.com
Affiliation: IEP

Subject: IEP Comments on CARB Cap and Trade Regulation
Comment:

Attached are IEP comments on CARB cap and Trade regulation
September 2011.

Attachment: [www.arb.ca.gov/lists/capandtrade10/1678-
iep_comments_on_carb_cap_and_trade_regulation_september_2011.pdf](http://www.arb.ca.gov/lists/capandtrade10/1678-iep_comments_on_carb_cap_and_trade_regulation_september_2011.pdf)

Original File Name: IEP Comments on CARB Cap and Trade Regulation September 2011.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:49:23

No Duplicates.

Comment 107 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Ethan

Last Name: Ravage

Email Address: ravage@ieta.org

Affiliation: International Emissions Trading Assn.

Subject: IETA Comments on 15-Day Rulemaking Package 2

Comment:

We extend our thanks to ARB Staff, Officers and the ARB Board for taking IETA's views into account, both now and during the 2012 Implementation and Linking phases.

Attached is our letter outlining IETAs comments.

Attachment: www.arb.ca.gov/lists/capandtrade10/1679-ieta_letter_-_arb_15-day_comments_27_sept_2011_final.pdf

Original File Name: IETA Letter - ARB 15-Day Comments 27 Sept 2011 FINAL.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:52:42

No Duplicates.

Comment 108 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Danielle

Last Name: Mills

Email Address: danielle@ceert.org

Affiliation:

Subject: CEERT Comments to 2nd 15-day Changes

Comment:

Attached please find CEERT's comments on the 2nd set of 15-day changes. Please contact me with any questions or comments.
Many thanks,
Danielle

Attachment: www.arb.ca.gov/lists/capandtrade10/1681-ceert_comments_on_2nd_proposed_15-day_changes_c_t.doc

Original File Name: CEERT Comments on 2nd Proposed 15-day changes C&T.doc

Date and Time Comment Was Submitted: 2011-09-27 16:57:53

No Duplicates.

Comment 109 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Chris

Last Name: Kelly

Email Address: ckelly@infoasis.com

Affiliation: The Conservation Fund

Subject: Comments on Second 15-Day Rules

Comment:

Comments of Conservation Fund

Attachment: www.arb.ca.gov/lists/capandtrade10/1682-arb_-_conservation_fund_comments_on_second_15_day_changes.pdf

Original File Name: ARB - Conservation Fund comments on second 15 day changes.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:58:48

No Duplicates.

Comment 110 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Ian

Last Name: McGowan

Email Address: imcgowan@3degreesinc.com

Affiliation: 3Degrees

Subject: 3Degrees' comments on C&T 15-day proposed modifications

Comment:

3Degrees' comments are attached. We welcome the opportunity to discuss our suggestions with ARB staff.

Thank you.

Attachment: www.arb.ca.gov/lists/capandtrade10/1683-3degrees_comments_on_carb_ets_9.27.11.pdf

Original File Name: 3Degrees comments on CARB ETS_9.27.11.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:58:48

No Duplicates.

Comment 111 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Steve

Last Name: Burns

Email Address: Stephen.Burns@Chevron.com

Affiliation:

Subject: Chevron Comments

Comment:

Chevron comments attached

Attachment: www.arb.ca.gov/lists/capandtrade10/1684-cvx_comments.pdf

Original File Name: CVX Comments.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:54:09

No Duplicates.

Comment 112 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Steve

Last Name: Burns

Email Address: Stephen.Burns@Chevron.com

Affiliation:

Subject: Chevron Comments

Comment:

Chevron comments attachment

Attachment: www.arb.ca.gov/lists/capandtrade10/1685-linklaters_comments_9-27.pdf

Original File Name: Linklaters Comments 9-27.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:54:09

No Duplicates.

Comment 113 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Erin

Last Name: Adams

Email Address: erin.adams@usmc.mil

Affiliation: Marine Corps Air Ground Combat Center

Subject: Cap and Trade

Comment:

Please find attached the comments of the Department of Defense on the ARB's second 15-day changes to the Cap and Trade Regulation.

Attachment: www.arb.ca.gov/lists/capandtrade10/1686-final_comment_-_cap_and_trade_27_sept_2011.tif

Original File Name: Final Comment - Cap and Trade 27_Sept_2011.tif

Date and Time Comment Was Submitted: 2011-09-27 17:02:52

No Duplicates.

Comment 114 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Josh

Last Name: Margolis

Email Address: jmargolis@bgcpartners.com

Affiliation: BGC Environmental Brokerage Services, LP

Subject: Cap and Trade 2nd 15 Day Rule Package (v3)

Comment:

The attached letter provides comments on the California Air Resources Board's (CARB) Proposed 15-Day Modifications to the Regulation for California Cap on Greenhouse Gas Emissions and Market-based Compliance Mechanisms (Cap and Trade Regulation) dated September 12, 2011. In summary, we recommend CARB:

1. Assign offset liability to those that are best able to manage it – the project developer and CARB
2. Increase the 8% offset limit
3. Allow for the forward carry of unused offset capacity
4. Issue multi-year allocations
5. Allow for the use of shutdowns/curtailment to generate credits

The implementation of these recommendations will:

- Improve the prospects for achieving the ambitious emission reduction goals of AB 32.
- Minimize compliance costs.
- Reduce the likelihood of leakage.
- Foster a more robust liquid emissions market that improves compliance and reductions.

Attachment: www.arb.ca.gov/lists/capandtrade10/1689-bgcpartners_15_day_rule_change_comments_september_27_2011_v3.pdf

Original File Name: BGCPartners_15_Day_Rule_Change_Comments_September 27_2011 v3.pdf

Date and Time Comment Was Submitted: 2011-09-27 16:51:28

No Duplicates.

Comment 115 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Charles

Last Name: Helget

Email Address: chuckhelget@msn.com

Affiliation:

Subject: Republic Services, inc.

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1690-anthony.pdf

Original File Name: Anthony.pdf

Date and Time Comment Was Submitted: 2011-09-29 10:25:05

No Duplicates.

Comment 116 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Doug
Last Name: Davie
Email Address: ddavie@wellhead.com
Affiliation:

Subject: Wellhead Electric Company, Inc.
Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/capandtrade10/1691-doug.pdf

Original File Name: Doug.pdf

Date and Time Comment Was Submitted: 2011-09-29 10:25:05

No Duplicates.

Comment 117 for California Cap-and-Trade Program (capandtrade10) - 15-2.

First Name: Michael

Last Name: Mazowita

Email Address: mmazowita@olympuspower.com

Affiliation:

Subject: PE-Berkeley's Comments

Comment:

Please see the attached comments from PE-Berkeley

Attachment: www.arb.ca.gov/lists/capandtrade10/1586-peb_ghg_comments_to_carb_09_27_11_final.pdf

Original File Name: PEB_GHG_Comments_to_CARB_09_27_11_FINAL.pdf

Date and Time Comment Was Submitted: 2011-09-27 11:25:07

No Duplicates.