

State of California

Air Resources Board

Board Item Summary

Item # 21-5-4: Public Meeting to Hear an Informational Update on the 2022 Scoping Plan Process

Staff Recommendation:

This is an informational item only. No action is required.

Discussion:

This item is an informational update on the process and structure of the Assembly Bill (AB) 32 (Nunez, Chapter 488, Statutes of 2006) Climate Change Scoping Plan. This informational update will help orient all interested parties in the types of mandated analyses and factors considered by staff as they update the Scoping Plan. The next update to the AB 32 Climate Change Scoping Plan is due to the California Air Resources Board (CARB or Board) in late 2022. This informational update will include a timeline and process for engagement.

Summary and Impacts:

California achieved the AB 32 goal of reaching 1990 levels of greenhouse gas (GHG) emissions (GHG) by 2020, four years early and is following the technologically feasible and cost-effective path established through the 2017 Scoping Plan Update to achieve a reduction of 40 percent below 1990 levels by 2030, pursuant to Senate Bill (SB) 32 (Pavley, Chapter 249, Statutes of 2016). The AB 32 Climate Change Scoping Plan must be updated at least once every five years and is due to go back to the Board for consideration in late 2022. In early June, CARB, in coordination with other State agencies, held kickoff workshops to launch the next update to the Scoping Plan. This Scoping Plan update will assess progress towards achieving the 2030 GHG reduction target and lay out a path to achieve carbon neutrality no later than 2045. The Intergovernmental Panel on Climate Change Special Report – Global Warming of 1.5° C stated that we must achieve global carbon neutrality by mid-century to avoid the worst impacts of climate change. This means California must achieve deep decarbonization across all sectors of the economy by 2045.

In recognition of the need for deep decarbonization, Governor Newsom issued two key Executive Orders and recent direction to CARB to evaluate a path to phasing out oil extraction by 2045. The first Executive Order, EO N-79-20 includes three main goals to decarbonize California's transportation sector: (1) 100 percent passenger vehicle sales by 2035, (2) transitioning all medium- and heavy-duty vehicles to zero-emission by 2045, and (3) achieving 100 percent zero-emission off-road vehicles and equipment by 2035. The second Executive Order, EO N-82-20, recognizes the importance of natural and working lands in achieving carbon neutrality, directs California Natural Resources Agency and other State agencies to coordinate on a Climate Smart Lands Strategy, and directs CARB to update the target for natural and working lands in achieving carbon neutrality. Governor Newsom

followed these Executive Orders with an announcement in April 2021 directing CARB to evaluate how to phase out of oil extraction by 2045 in the Scoping Plan. These directives from the Governor build upon the existing statutory requirements for the Scoping Plan as well as other reports that have been developed since the adoption of the 2017 Scoping Plan that will help inform this update. Those reports include the AB 74 (Ting, Chapter 23, Statutes of 2019) Transportation Carbon Neutrality reports on the supply and demand of petroleum fuels, the SB 100 (De Leon, Chapter 312, Statutes of 2018) Joint Agency Report on Achieving 100 percent Clean Electricity, the AB 398 (E. Garcia, Chapter 135, Statutes of 2017) Putting California on the High Road: A Jobs and Climate Action Plan for 2030, and CARB's Achieving Carbon Neutrality in California.

As acknowledged by creation of the Environmental Justice Advisory Committee (EJAC) in AB 32, environmental justice and equity are essential as we move towards our 2030 GHG reduction target and build a path towards deep decarbonization by 2045. Staff is committed to working with the EJAC to ensure that environmental justice and equity are integrated in the Scoping Plan process and incorporated into the final Scoping Plan.

At the June Board hearing, CARB staff will provide details on the types of technical analyses to be developed, the timeline for the update, and key areas where the staff would like to engage with the EJAC and other stakeholders. Staff will also present what types of new analyses and information they plan to include in this Scoping Plan Update.