

Released April 5, 2023

Linked California and Québec Cap-and-Trade Programs Compliance Instrument Report Aggregated by Type and Account

This report summarizes the number of compliance instruments (allowances and offset credits) held in all Compliance Instrument Tracking System Service (CITSS) accounts in the California (CA) and Québec (QC) Cap-and-Trade Programs as of 9:00 am Pacific Time/12:00 PM Eastern Time on April 3, 2023. The report includes all compliance instruments held in California and Québec jurisdiction accounts and by participants registered according to each program's regulations. The data are presented by vintage for allowances and by project type for offset credits. Unless denoted with the issuing jurisdiction in parentheses (CA or QC), instrument types are issued by California, Québec, or Ontario. For program participants, the CITSS account types include General Accounts, Compliance Accounts, and Limited Use Holding Accounts (CA entities only). The California and Québec jurisdiction accounts include the Voluntary Renewable Electricity Account (CA), Auction Account, Issuance Account, Allocation Account, Retirement Account, Invalidation Account, Allowance Price Containment Reserve Account, Price Ceiling Account (CA), Environmental Integrity Account (QC), and the Forest Buffer Account (CA). An entity's account may contain compliance instruments issued by multiple jurisdictions. In addition to the overview of all compliance instruments provided on this page, subsequent pages of this report provide more detailed information about holdings of DEBS and non-DEBS offset credits, and the holdings in the Price Containment Reserve Accounts and Price Ceiling Account (CA). This report is typically released on the third business day of each calendar quarter.

Allowance Vintage	Entity Accounts				Jurisdiction Accounts					All Accounts Total
	General	Compliance	Limited Use Holding Account (CA) <sup>(1)</sup>	Voluntary Renewable Electricity (CA)	Auction + Issuance + Allocation	Retirement <sup>(2,3)</sup>	Invalidation	Reserve + Price Ceiling (CA) <sup>(4)</sup>	Environmental Integrity (QC) + Forest Buffer (CA) <sup>(5)</sup>	
2013	899,702	0	0	0	79	183,235,373	0	0	4,846	184,140,000
2014	1,032,210	0	0	0	40	180,031,625	0	7,125	0	181,071,000
2015	1,959,941	402	0	0	0	439,367,947	0	79,710	0	441,408,000
2016	8,722,967	651,407	0	0	1,731	389,145,163	0	20,971,641	0	419,492,909
2017	12,552,072	1,682,631	0	0	0	392,419,165	0	16,248,243	0	422,902,111
2018	21,066,329	5,536,746	0	181,491	24	367,826,323	0	376,682	0	394,987,595
2019	54,487,660	8,037,935	0	865,750	0	310,823,277	0	655,055	0	374,869,677
2020	66,315,315	66,098,320	0	835,500	57,494	230,919,072	0	251	0	364,225,952
2021	161,547,092	189,297,430	0	0	22,656	13,601,245	0	0	0	364,468,423
2022	160,751,950	175,053,959	0	0	4,609,566	7,371,125	0	0	0	347,786,600
2023	111,372,088	47,550,490	40,121,722	0	132,761,473	2,600,027	0	0	0	334,405,800
2024	33,225,000	0	0	0	286,556,321	1,134,079	0	0	0	320,915,400
2025	30,907,250	0	0	0	275,583,671	1,134,079	0	0	0	307,625,000
2026	7,577,000	0	0	0	285,433,121	1,134,079	0	0	0	294,144,200
2027	0	0	0	0	279,619,721	1,134,079	0	0	0	280,753,800
2028	0	0	0	0	266,338,921	1,134,079	0	0	0	267,473,000
2029	0	0	0	0	252,848,521	1,134,079	0	0	0	253,982,600
2030	0	0	0	0	239,467,721	1,134,079	0	0	0	240,601,800
Non-Vintage Québec Early Reduction Credits (QC)	17,797	0	0	0	0	2,022,229	0	0	0	2,040,026
Non-Vintage Reserve Allowances	26,332	0	0	0	0	1,274,122	0	235,522,646	0	236,823,100
Price Ceiling Units (CA)	0	0	0	0	0	0	0	0	0	0
<b>Allowances Subtotal</b>	<b>672,460,705</b>	<b>493,909,320</b>	<b>40,121,722</b>	<b>1,882,741</b>	<b>2,023,301,060</b>	<b>2,528,575,246</b>	<b>0</b>	<b>273,861,353</b>	<b>4,846</b>	<b>6,034,116,993</b>
<b>California - Offset Credits</b>										
U.S. Forest Project Offset Credits	37,531,531	724,536	0	0	0	130,043,982	0	0	30,910,407	199,210,456
Urban Forest Project Offset Credits	0	0	0	0	0	0	0	0	0	0
Ozone Depleting Substances Offset Credits	5,146,476	108,380	0	0	0	20,141,827	88,955	0	0	25,485,638
Livestock Manure Digesters Offset Credits	1,682,741	30	0	0	18,819	7,132,871	37,269	0	0	8,871,730
Mine Methane Capture Offset Credits	4,082,018	126,165	0	0	13,254	7,038,250	0	0	0	11,259,687
Rice Cultivate Project Offset Credits	0	0	0	0	0	0	0	0	0	0
<b>Québec - Offset Credits</b>										
Destruction of Ozone Depleting Substances Offset Credits	134,188	0	0	0	0	525,188	0	0	15,401	674,777
Landfill Site Methane Destruction Offset Credits	167,172	0	0	0	0	449,958	0	0	19,127	636,257
<b>Offset Credits Subtotal</b>	<b>48,744,126</b>	<b>959,111</b>	<b>0</b>	<b>0</b>	<b>32,073</b>	<b>165,332,076</b>	<b>126,224</b>	<b>0</b>	<b>30,944,935</b>	<b>246,138,545</b>
<b>TOTAL</b>	<b>721,204,831</b>	<b>494,868,431</b>	<b>40,121,722</b>	<b>1,882,741</b>	<b>2,023,333,133</b>	<b>2,693,907,322</b>	<b>126,224</b>	<b>273,861,353</b>	<b>30,949,781</b>	<b>6,280,255,538</b>

Footnotes:

- (1) CARB transfers allowances to eligible electrical distribution utilities and natural gas suppliers (consigning entities) each year. A Limited Use Holding Account (LUHA) is created for each consigning entity. Every consigning entity must offer for sale at auction by the end of each year all the allocated allowances that have been placed in their LUHA.
- (2) Ontario joined the linked Cap-and-Trade Program with Québec and California on January 1, 2018. On July 3, 2018, the Government of Ontario filed a regulation that revoked the Ontario cap-and-trade regulation. As of that date, there were 13,186,967 more allowances held in California and Québec accounts than the total number of allowances issued by those two jurisdictions alone. To maintain the environmental stringency of the linked market, California and Québec retired 11,340,792 and 1,846,175 allowances, respectively, to account for the remaining Ontario allowances. California retired vintage 2021-2030 allowances in equal number for each vintage, and Québec retired solely vintage 2017 allowances.
- (3) The Retirement Account includes allowances and offset credits surrendered for a compliance obligation as well as those surrendered voluntarily, which are not used to meet a compliance obligation.
- (4) The number of allowances available in each Tier or Category of the jurisdiction's Reserve Account is shown in the table on the Reserve and Price Ceiling Tab (i.e. Page 2 of 3 in the PDF).
- (5) California offset credits are disaggregated by those that provide Direct Environmental Benefits to the State (DEBS) and those that do not (non-DEBS) in the table on the CA Offset Credits Tab (i.e. Page 3 of 3 in the PDF).



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**Allowances in Each Jurisdiction's Reserve and Price Ceiling Accounts Disaggregated by Category or Tier**

Allowance Vintage	Jurisdiction Accounts						All Accounts
	Reserve (QC) <sup>(1)</sup>			Reserve (CA) <sup>(1)</sup>		Price Ceiling (CA)	Total
	Category A	Category B	Category C	Tier 1	Tier 2		
2013	0	0	0	0	0	0	0
2014	0	0	7,125	0	0	0	7,125
2015	0	0	79,710	0	0	0	79,710
2016	0	0	80,394	0	0	20,891,247	20,971,641
2017	0	0	62,568	0	0	16,185,675	16,248,243
2018	0	0	376,682	0	0	0	376,682
2019	0	0	655,055	0	0	0	655,055
2020	0	0	251	0	0	0	251
2021	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0
Non-Vintage Reserve Allowances	13,288,033	13,288,033	11,987,580	66,811,000	89,537,000	40,611,000	235,522,646
Price Ceiling Units (CA)	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>13,288,033</b>	<b>13,288,033</b>	<b>13,249,365</b>	<b>66,811,000</b>	<b>89,537,000</b>	<b>77,687,922</b>	<b>273,861,353</b>

**Footnote:**

(1) While there is a separate Reserve Account in CITSS assigned to each jurisdiction, this table depicts the number of instruments available in each Category (QC) or Tier (CA) of the jurisdiction's Reserve Account according to each jurisdiction's regulation.



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California Offset Credits Disaggregated by Project Type and Direct Environmental Benefits to the State (DEBS) Classification

Offset Credit Type <sup>(1)</sup>	Entity Accounts			Jurisdiction Accounts						All Accounts
	General	Compliance	Limited Use Holding Account (CA)	Voluntary Renewable Electricity (CA)	Auction + Issuance + Allocation	Retirement	Invalidation	Reserve + Price Ceiling (CA)	Forest Buffer (CA)	Total
<b>California - Offset Credits (non-DEBS)</b>										
U.S. Forest Project Offset Credits	23,291,317	509,931	0	0	0	104,204,641	0	0	23,294,329	151,300,218
Urban Forest Project Offset Credits	0	0	0	0	0	0	0	0	0	0
Ozone Depleting Substances Offset Credits	297,885	15,279	0	0	0	15,862,946	88,955	0	0	16,265,065
Livestock Manure Digesters Offset Credits	1,073,292	30	0	0	3,085	6,634,087	37,269	0	0	7,747,763
Mine Methane Capture Offset Credits	4,082,018	126,165	0	0	13,254	7,038,250	0	0	0	11,259,687
Rice Cultivate Project Offset Credits	0	0	0	0	0	0	0	0	0	0
<b>California - Offset Credits from projects that provide Direct Environmental Benefits (DEBS)</b>										
U.S. Forest Project Offset Credits	14,240,214	214,605	0	0	0	25,839,341	0	0	7,616,078	47,910,238
Urban Forest Project Offset Credits	0	0	0	0	0	0	0	0	0	0
Ozone Depleting Substances Offset Credits	4,848,591	93,101	0	0	0	4,278,881	0	0	0	9,220,573
Livestock Manure Digesters Offset Credits	609,449	0	0	0	15,734	498,784	0	0	0	1,123,967
Mine Methane Capture Offset Credits	0	0	0	0	0	0	0	0	0	0
Rice Cultivate Project Offset Credits	0	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>48,442,766</b>	<b>959,111</b>	<b>0</b>	<b>0</b>	<b>32,073</b>	<b>164,356,930</b>	<b>126,224</b>	<b>0</b>	<b>30,910,407</b>	<b>244,827,511</b>

Footnote:

(1) For more information on the Direct Environmental Benefits provisions of the California Cap-and-Trade Regulation, please see <https://ww2.arb.ca.gov/our-work/programs/compliance-offset-program/direct-environmental-benefits>.