

Cap-and-Trade Program Vintage 2023 Allocation Summary

This document provides a summary of vintage 2023 allowance allocation under the Cap-and-Trade Program (Program) aggregated by sector. Industrial allowance allocation data are disaggregated by general industrial activity. Allowance allocation methodologies for each sector can be found in [Cap-and-Trade Regulation](#) (Regulation) sections 95890 through 95895. Details on allowance allocation to electrical distribution utilities are not included in this document and are instead posted online at <https://www.arb.ca.gov/regact/2016/capandtrade16/attach10.xlsx>.

Because facility-level allowance allocation data could reveal confidential business information, the allocations to each industrial sector presented in Table 1 below are aggregated so that they include at least five companies.

Entities that received no vintage 2023 allocation or that have a negative allocation balance that will carry over to next year do not appear in this document. Also, pursuant to section 95835(c), an entity with emissions below the Program inclusion threshold for a full compliance period may request to exit the Program. Facilities exiting the Program are not eligible to receive allowance allocation and do not appear in this document.

The "Total Allocation" values in Table 1 are the sum of vintage 2023 allowances allocated to eligible entities. "Total Allocation" values exclude any negative allocation balance that will carry over to next year. "Total Allocation" values include allowances that have true-up value. Vintage 2023 allowances with true-up value are eligible to be used for compliance for covered emissions in 2021 and subsequent years, and the quantity "Total True-Up Value" is a subset of "Total Allocation" in Table 1.

The vintage 2023 allowance allocation to electrical distribution utilities in Table 1 reflects a reduction from the total amount in Table 9-4 of the Regulation to account for 2021 Energy Imbalance Market (EIM) Outstanding Emissions. CARB directly retired these allowances for EIM Outstanding Emissions in 2021 as required by sections 95852(l)(2) and 95892(a)(3) of the Regulation to address emissions leakage related to operation of the EIM.

Detailed information regarding allocation to industrial and other sectors may be found on CARB's Allowance Allocation web page (<https://ww2.arb.ca.gov/our-work/programs/cap-and-trade-program/allowance-allocation>). Questions regarding allowance allocation may be directed to David Allgood at (279) 208-7397 or David.Allgood@arb.ca.gov.

Table 1. Summary of Vintage 2023 Allowance Allocation.

Sector	Total Allocation	Total True-Up Value	Total Facilities
Petroleum Refining and Hydrogen Production	17,686,787	516,510	25
Crude Petroleum and Natural Gas Extraction	4,366,406	41,973	27
Cement, Lime, Gypsum, and Clay Product Manufacturing	7,631,280	478,546	14
Fruit and Vegetable Canning	636,096	82,515	14
Other Food Manufacturing	411,270	28,254	13
Dairy Product Manufacturing	354,486	32,816	8
Glass Manufacturing	559,808	33,758	9
Paper Manufacturing	380,823	14,691	5
Metal Processing and Manufacturing	317,156	37,673	6
Chemical, Biological, and Pharmaceutical Manufacturing	386,273	1,341	8
Misc. Industrial Facilities, Legacy Contract Generators, and Waste-to-Energy Facilities	1,884,236	52,980	14
Total Industrial, Legacy Contract Generator, and Waste-to-Energy Facilities (sum of above rows)	34,614,621	1,321,057	142
Natural Gas Suppliers	35,987,704	0	7
Universities and Public Service Facilities	795,047	0	14
Public Wholesale Water Agencies	35,842	0	1
Electrical Distribution Utilities ¹	69,646,354	0	54
TOTAL ALLOWANCE ALLOCATION	141,079,568	1,321,057	218

¹ The total vintage 2023 allowance allocation to electrical distribution utilities (EDUs) reflects a deduction of 1,283,597 allowances from the total amount in Table 9-4 of the 1 Regulation to account for 2021 EIM Outstanding Emissions. For more information on EDU allocation, please see <https://www.arb.ca.gov/regact/2016/capandtrade16/attachc.pdf>. Vintage 2021-2030 allowance allocations to EDUs are posted on the Cap-and-Trade Program webpage: <https://www.arb.ca.gov/regact/2016/capandtrade16/attach10.xlsx>.

Table 2. NAICS Codes and Facilities Included in Petroleum Refining and Hydrogen Production in Table 1.

Sector	NAICS Codes	Facility Names and ARB IDs
Petroleum Refining and Hydrogen Production	<ul style="list-style-type: none"> • 324110 – Petroleum Refineries • 324199 – All Other Petroleum and Coal Products Manufacturing • 325120 – Industrial Gas Manufacturing 	100002 – Marathon Petroleum Company - Calciner
		100127 – Air Products Wilmington Hydrogen Plant
		100138 – Chevron Products Company - El Segundo Refinery, 90245
		100217 – Torrance Refinery
		100303 – Phillips 66 Company - San Francisco Refinery
		100329 – Phillips 66 Company - Los Angeles Refinery - Wilmington Plant
		100351 – Phillips 66 Company - San Francisco Carbon Plant
		100372 – Valero Refining Company - California, Benicia Refinery and Benicia Asphalt Plant
		100888 – Plains LPG Services/ Lone Star Frac & Isom Facility
		100913 – Phillips 66 Company - Los Angeles Refinery - Carson Plant
		100914 – Martinez Refining Company LLC
		101053 – Linde Inc.
		101162 – Lunday-Thagard Company, DBA World Oil Refining
		101205 – Ultramar Inc – Valero Wilmington
		101226 – Phillips 66 Company - Santa Maria Refinery
		101239 – San Joaquin Refining Company
		101246 – Los Angeles Refinery
		101248 – Air Products Carson Hydrogen Plant
		101384 – Chevron Products Company - Richmond Refinery, 94802
		101507 – Kern Oil Refinery
		101512 – Air Products Manufacturing Corporation, Sacramento
		101701 – Air Liquide El Segundo Hydrogen Plant
		101709 – DeMenno/Kerdoon
101749 – Air Liquide Large Industries US L.P. - Rodeo Hydrogen Plant		
104005 – Tricor Refining, LLC		

Table 3. NAICS Codes and Facilities Included in Crude Petroleum and Natural Gas Extraction in Table 1.

Sector	NAICS Codes	Facility Names and ARB IDs
Crude Petroleum and Natural Gas Extraction	<ul style="list-style-type: none"> • 211111 – Crude Petroleum and Natural Gas Extraction • 211112 – Natural Gas Liquid Extraction 	100888 – Plains LPG Services/ Lone Star Frac & Isom Facility
		100895 – Shadow Wolf Energy - Placerita
		101231 – Grade 6 Oil, LLC
		101234 – Macpherson Oil Company
		101460 – TRC Cypress Group, LLC
		101674 – Pacific Coast Energy Company LP
		101703 – Midstream Energy Partners
		103016 – Sentinel Peak Resources - Arroyo Grande Oil Production Facility
		104011 – Chevron AAPG 740 Coastal Basin
		104012 – Chevron AAPG 745 San Joaquin Basin
		104014 – California Resources Elk Hills, LLC - 35R Gas Plant
		104016 – Aera Energy San Joaquin Basin
		104017 – Aera Energy Ventura Basin
		104018 – Aera Energy Coastal Basins
		104029 – California Resources Production Corporation - Sacramento Valley Basin 730
		104030 – California Resources Production Corporation - San Joaquin Valley Basin 745
		104033 – CALNRG - Ventura Basin 755 incl. SCVGP Gas Plant
		104072 – California Resources Production Corporation - 760 Los Angeles Basin
		104081 – Sentinel Peak Resources - SJV Basin Facility
		104090 – Signal Hill Petroleum Facilities
		104091 – Seneca San Joaquin Production Facilities
		104094 – Berry Petroleum Company - San Joaquin Basin
		104097 – Naftex Operating Company
		104215 – E&B Natural Resources - San Joaquin Valley
		104426 – Holmes Western Oil Corporation
		104458 – Cat Canyon Resources 750 Santa Maria Basin
		104488 – Crimson Resource Management Corp

Table 4. NAICS Codes and Facilities Included in Cement, Lime, Gypsum, and Clay Product Manufacturing in Table 1.

Sector	NAICS Codes	Facility Names and ARB IDs	
Cement, Lime, Gypsum, and Clay Product Manufacturing		100013 – CalPortland Company, Oro Grande Plant	
		101010 – Mitsubishi Cement 2000	
		101029 – CalPortland Company, Mojave Plant	
	<ul style="list-style-type: none"> • 327123 – Other Structural Clay Product Manufacturing 		101271 – U.S. Gypsum Co Plaster City Plant
			101314 – National Cement Company - Lebec
			101381 – CalPortland Redding Cement Plant
	<ul style="list-style-type: none"> • 327310 – Cement Manufacturing 		101461 – Lehigh Cement West Inc.- Tehachapi
			101476 – Cemex Construction Materials Pacific LLC - Victorville Plant
	<ul style="list-style-type: none"> • 327410 – Lime Manufacturing 		101697 – Gold Bond Building Products, LLC - Long Beach
	<ul style="list-style-type: none"> • 327420 – Gypsum Product Manufacturing 		101700 – Georgia-Pacific Gypsum LLC - Antioch
			101715 – Arcosa LWFP LLC
			104052 – Lhoist North America - Natividad Plant
			104415 – Gold Bond Building Products, LLC - Richmond
		104733 – PABCO Gypsum Newark	

Table 5. NAICS Codes and Facilities Included in Fruit and Vegetable Canning in Table 1.

Sector	NAICS Codes	Facility Names and ARB IDs
Fruit and Vegetable Canning	<ul style="list-style-type: none"> • 311421 – Fruit and Vegetable Canning • 311422 – Specialty Canning 	100936 – Campbell Soup Supply Company, L.L.C. - Dixon
		100972 – Los Gatos Tomato Products
		101008 – Ingomar Packing Company
		101025 – Stanislaus Food Products
		101207 – Pacific Coast Producers
		101213 – Olam West Coast – Lemoore
		101214 – Del Monte - Hanford
		101498 – Morning Star Packing Company – Los Banos
		101499 – Liberty Packing - Los Banos (Morning Star)
		101502 – Tomatek / Neil Jones Food Companies
		101503 – ConAgra - Oakdale
		101504 – J.G.Boswell Tomato Company Kings
		101536 – Morning Star Packing Company - Williams
		101705 – J.G.Boswell Tomato Company Kern

Table 6. NAICS Codes and Facilities Included in Other Food Manufacturing in Table 1.

Sector	NAICS Codes	Facility Names and ARB IDs
Other Food Manufacturing		100958 – E & J Gallo Winery - Fresno
	<ul style="list-style-type: none"> • 111419 – Other Food Crops Grown Under Cover 	101235 – Frito Lay - Kern Plant
	<ul style="list-style-type: none"> • 311313 – Beet Sugar Manufacturing 	101241 – Spreckels Sugar Company, Inc.- Brawley
	<ul style="list-style-type: none"> • 311423 – Dried and Dehydrated Food Manufacturing 	101284 – Olam West Coast Inc- Gilroy
	<ul style="list-style-type: none"> • 311615 – Poultry Processing 	101315 – Sensient Natural Ingredients LLC
	<ul style="list-style-type: none"> • 311911 – Roasted Nuts and Peanut Butter Manufacturing 	101473 – Anheuser-Busch LLC - Los Angeles Brewery
	<ul style="list-style-type: none"> • 311919 – Other Snack Food Manufacturing 	101575 – Foster Poultry Farms - Livingston Complex, 95334
	<ul style="list-style-type: none"> • 311991 – Perishable Prepared Food Manufacturing 	101693 – Wm. Bolthouse Farms, Inc.
	<ul style="list-style-type: none"> • 312120 – Breweries 	101736 – WP&A Lost Hills
	<ul style="list-style-type: none"> • 312130 – Wineries 	104069 – Olam West Coast Inc- Firebaugh
		104207 – Frito Lay - Modesto
		104359 – Windset Farms
		104709 – Revol Greens CA, LLC

Table 7. NAICS Codes and Facilities Included in Dairy Product Manufacturing in Table 1.

Sector	NAICS Codes	Facility Names and ARB IDs
Dairy Product Manufacturing	<ul style="list-style-type: none"> • 311513 – Cheese Manufacturing • 311514 – Dry, Condensed, and Evaporated Dairy Product Manufacturing 	100959 – California Dairies, Inc. Fresno
		101186 – Saputo Cheese USA Inc. - Paige
		101190 – California Dairies, Inc. Turlock
		101197 – California Dairies, Inc. Visalia
		101288 – Hilmar Cheese Company
		101465 – Land O' Lakes, Inc.
		101509 – California Dairies, Inc. Tipton
		101716 – Leprino Foods - Lemoore West

Table 8. NAICS Codes and Facilities Included in Glass Manufacturing in Table 1.

Sector	NAICS Codes	Facility Names and ARB IDs
Glass Manufacturing	<ul style="list-style-type: none"> • 327211 – Flat Glass Manufacturing • 327213 – Glass Container Manufacturing • 327993 – Mineral Wool Manufacturing 	100917 – CertainTeed Corporation
		101154 – Owens Corning Insulating Systems, LLC, Santa Clara
		101183 – Owens-Brockway Glass Container, Tracy
		101342 – Ardagh Glass Inc.
		101475 – Owens-Brockway Glass Container, Vernon
		101513 – Vitro Flat Glass LLC
		101721 – Guardian Industries, LLC
		103018 – Gallo Glass Company
		104122 – Johns Manville

Table 9. NAICS Codes and Facilities Included in Paper Manufacturing in Table 1.

Sector	NAICS Codes	Facility Names and ARB IDs
Paper Manufacturing	<ul style="list-style-type: none"> • 322121 – Paper (except Newsprint) Mills • 322130 – Paperboard Mills 	100195 – New-Indy Ontario LLC Linerboard Mill
		101356 – New-Indy Oxnard LLC
		101582 – The P&G Paper Products Co.
		104135 – California Paperboard Corporation
		104136 – Newark Pacific Paperboard

Table 10. NAICS Codes and Facilities Included in Metal Processing and Manufacturing in Table 1.

Sector	NAICS Codes	Facility Names and ARB IDs
Metal Processing and Manufacturing	• 331221 – Rolled Steel Shape Manufacturing	100953 – Vista Metals Corp.
	• 331314 – Secondary Smelting and Alloying of Aluminum	100954 – California Steel Industries
	• 331492 – Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)	101068 – USS-POSCO Industries
	• 331511 – Iron Foundries	101469 – United States Pipe & Foundry Co. LLC
	• 332112 – Nonferrous Forging	104197 – Quemetco, Inc.

Table 11. NAICS Codes and Facilities Included in Chemical, Biological, and Pharmaceutical Manufacturing in Table 1.

Sector	NAICS Codes	Facility Names and ARB IDs
Chemical, Biological, and Pharmaceutical Manufacturing	• 325188 – All Other Basic Inorganic Chemical Manufacturing	100259 – Eco Services - Dominguez
	• 325193 – Ethyl Alcohol Manufacturing	100389 – Braun Medical Inc
	• 325194 – Cyclic Crude, intermediate, and gum and wood chemical manufacturing	101451 – Genentech Inc South San Francisco
	• 325199 – All Other Basic Organic Chemical Manufacturing	101519 – CP Kelco San Diego
	• 325412 – Pharmaceutical Preparation Manufacturing	101685 – Pixley Cogeneration Partners / Calgren Renewable Fuels
	• 325414 – Biological Product (except Diagnostic) Manufacturing	101733 – Corteva Agriscience – Pittsburg
		104347 – Aemetis Advanced Fuels Keyes, Inc.
		104423 – Procter & Gamble Manufacturing Co. – Sacramento

Table 12. NAICS Codes and Facilities Included in Miscellaneous Industrial Facilities, Legacy Contract Generators, and Waste-to-Energy Facilities in Table 1.

Sector	NAICS Codes	Facility Names and ARB IDs	
Miscellaneous Industrial Facilities, Legacy Contract Generators, and Waste-to-Energy Facilities	<ul style="list-style-type: none"> 221112 – Fossil Fuel Electric Power Generation 	100011 – Searles Valley Minerals Inc.	
	<ul style="list-style-type: none"> 212391 – Potash, Soda, and Borate Mineral Mining 	100063 – Southeast Resource Recovery Facility (SERRF)	
	<ul style="list-style-type: none"> 212399 – All Other Nonmetallic Mineral Mining 	100130 – Sacramento Municipal Utility District (SMUD), Carson Power Plant	
	<ul style="list-style-type: none"> 313310 – Textile and Fabric Finishing Mills 	100300 – U.S. Borax	
	<ul style="list-style-type: none"> 333611 – Turbine and Turbine Generator Set Units Manufacturing 	101118 – Solar Turbines Incorporated - Kearny Mesa	
	<ul style="list-style-type: none"> 336111 – Automobile Manufacturing 	101243 – Dicalite Minerals Corp.	
	<ul style="list-style-type: none"> 333612 - Speed Changer, Industrial High-Speed Drive, and Gear Manufacturing 	101263 – Crockett Cogeneration Project	
	<ul style="list-style-type: none"> 488119 – Other Airport Operations 	101264 – Covanta – Stanislaus Inc.	
	<ul style="list-style-type: none"> 562213 – Solid Waste Combustors and incinerators 	101318 – Imerys Minerals California, Inc.	
			101323 – Los Angeles International Airport (LAX)
			101740 – Panoche Energy Center, LLC
			104227 – Northrop Grumman Marine Systems - Sunnyvale
			104516 – Tesla Motors
		104633 – Matchmaster Dyeing & Finishing	

Table 13. Facilities Included in Natural Gas Supplier Allocation in Table 1.

Facility Names and ARB IDs
5002 – Southern California Gas Company
5003 – Long Beach Gas & Oil Dept (LBGO)
5008 – City of Vernon, Gas Municipal Utility Department
5011 – City of Palo Alto - Gas Utility
5013 – Southwest Gas Distribution Facilities
104024 – Pacific Gas and Electric Company (PG&E) - Supplier of Natural Gas
104085 – San Diego Gas and Electric (SDG&E) - Local Distribution

Table 14. Facilities Included in University and Public Service Facility Allocation in Table 1.

Facility Names and ARB IDs
100207 – Loma Linda University
100235 – California State University, Channel Islands
100273 – University of California, Santa Cruz, UCSC EH&S Office
100305 – University of California, Davis
100327 – California Institute of Technology (CalTech)
100328 – Civic Center Cogen, LA County
100997 – University of California, Los Angeles, UCLA
101296 – University of California, Irvine
101305 – University of California, San Diego, UCSD
101399 – California State University, San Diego
101416 – University of California, San Francisco
104068 – UC Davis Medical Center
104372 – University of California, Santa Barbara
104514 – University of California, Berkeley

Table 15. Facilities Included in Public Wholesale Water Agency Allocation in Table 1.

Facility Names and ARB IDs
2046 – Metropolitan Water District of Southern California (MWD)