

**Cap-and-Trade Program
Vintage 2018 Allowance Allocation**

This document provides a summary of the vintage 2018 free allowance allocation under the Cap-and-Trade Program, aggregated both by allocation methodology and, within the industrial allocation category, by similar North American Industry Classification System (NAICS) sectors. The methodologies for allowance allocation can be found in [Cap-and-Trade Regulation](#) sections 95852(k) and (l), 95870, and 95890 through 95895. Details on allocation to electrical distribution utilities are not included in this document and are instead posted online at <https://www.arb.ca.gov/cc/capandtrade/allowanceallocation/edu-ng-allowancedistribution/electricity-allocation.xlsx>.

Because facility-level allocation could reveal confidential business information, the total allocation for each allocation methodology and allocation to each industrial sector with fewer than five companies are grouped together. For waste-to-energy facilities and liquefied natural gas suppliers, allowance allocation is provided at the entity level. These entities are allocated allowances equal to each entity's 2016 covered emissions, which are already public data and therefore not confidential.

Entities that receive no vintage 2018 allocation or have a negative allocation that will carry into the following vintage do not appear in this document.

The "Total Allocation" numbers below reflect the sum of allowances distributed to eligible entities. This value does not include any negative allocation that will carry over into the next allocation distribution. The total allocation includes the allowances that have true-up value. True-up value is a quantity of vintage 2018 allowances eligible to be used for compliance for budget year 2016 and subsequent years, and this quantity is a subset of "Total Allocation."

Detailed information regarding allocation for industrial and other sectors may be found on ARB's Allowance Allocation web page (<http://www.arb.ca.gov/cc/capandtrade/allowanceallocation/allowanceallocation.htm>). Questions regarding allocation may be directed to David Allgood at (916) 445-8238 or David.Allgood@arb.ca.gov.

Industrial Allocation				
Category	Total	NAICS Codes	Facility Names	Total # Facilities
Petroleum Refining and Hydrogen Production	Total Allocation: 19,292,849 Total True-Up Value: 900,154	<ul style="list-style-type: none"> • 324110 – Petroleum Refineries • 324199 – All Other Petroleum and Coal Products Manufacturing • 325120 – Industrial Gas Manufacturing 	<ul style="list-style-type: none"> • 100002 – Tesoro Los Angeles Refinery - Wilmington 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 – Shell Oil Products US – Martinez • 101017 – Air Products & Chemicals, Inc., Martinez • 101053 – Praxair Inc. • 101162 – Lunday-Thagard Company DBA World Oil Refining • 101205 – Ultramar Inc – Valero Wilmington • 101226 – Phillips 66 Company - Santa Maria Refinery 	27

Industrial Allocation				
Category	Total	NAICS Codes	Facility Names	Total # Facilities
Petroleum Refining and Hydrogen Production (Continued)	See Above	<ul style="list-style-type: none"> • See Above 	<ul style="list-style-type: none"> • 101239 – San Joaquin Refining Company • 101246 – Tesoro Los Angeles Refinery - Carson • 101248 – Air Products Carson Hydrogen Plant • 101331 – Tesoro Refining and Marketing Co. - Martinez • 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 	See Above

Industrial Allocation				
Category	Total	NAICS Codes	Facility Names	Total # Facilities
Crude Petroleum and Natural Gas Extraction	Total Allocation: 9,358,356 Total True-Up Value: 224,186	<ul style="list-style-type: none"> • 211111 – Crude Petroleum and Natural Gas Extraction • 211112 – Natural Gas Liquid Extraction 	<ul style="list-style-type: none"> • 100888 – Plains LPG Services/ Lone Star Frac & Isom Facility • 100904 – Bridge Energy LLC • 101231 – All American Oil and Gas Inc. • 101460 – TRC Cypress Group LLC • 101674 – Pacific Coast Energy Company LP • 103016 – Sentinel Peak Resources - Arroyo Grande Oil Production Facility • 104011 – Chevron AAPG 740 Coastal Basin • 104012 – Chevron AAPG 745 San Joaquin Basin • 104013 – Chevron 17Z Gas Plant • 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 • 104019 – Aera Energy Belridge Gas Plant 	28

Industrial Allocation				
Category	Total	NAICS Codes	Facility Names	Total # Facilities
Crude Petroleum and Natural Gas Extraction (Continued)	See Above	See Above	<ul style="list-style-type: none"> • 104029 – California Resources Production Corporation - Sacramento Valley Basin 730 • 104030 – California Resources Production Corporation - San Joaquin Valley Basin 745 • 104033 – California Resources Production Corporation - SCVGP Gas Plant • 104072 – California Resources Production Corporation - 760 Los Angeles Basin • 104075 – BreitBurn Operating LP - Los Angeles Basin Facility • 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 • 104488 – Crimson Resource Management Corp • 104581 – Eagle Petroleum - Lynch Canyon Field 	See Above

Industrial Allocation				
Category	Total	NAICS Codes	Facility Names	Total # Facilities
Cement, Lime, Gypsum, and Clay Product Manufacturing	Total Allocation: 7,696,069 Total True-Up Value: 399,967	<ul style="list-style-type: none"> • 327123 – Other Structural Clay Product Manufacturing • 327310 – Cement Manufacturing • 327410 – Lime Manufacturing • 327420 – Gypsum Product Manufacturing 	<ul style="list-style-type: none"> • 100013 – CalPortland Company Oro Grande Plant • 101010 – Mitsubishi Cement 2000 • 101029 – CalPortland Company, Mojave Plant • 101265 – Lehigh Southwest Cement Co - Cupertino • 101271 – U.S. Gypsum Co Plaster City Plant • 101314 – National Cement Company - Lebec • 101381 – Lehigh Southwest Cement Co - Redding • 101461 – Lehigh Southwest Cement Co - Tehachapi • 101476 – Cemex Construction Materials Pacific LLC - Victorville Plant • 101697 – New NGC, Inc - Long Beach • 101700 – Georgia-Pacific Gypsum LLC - Antioch • 101715 – LWFP LLC • 104052 – Lhoist North America - Natividad Plant 	13

Industrial Allocation				
Category	Total	NAICS Codes	Facility Names	Total # Facilities
Fruit and Vegetable Canning	Total Allocation: 504,576 Total True-Up Value: 34,017	<ul style="list-style-type: none"> • 311421 – Fruit and Vegetable Canning 	<ul style="list-style-type: none"> • 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 Inc- Lemoore • 101214 – Del Monte - Hanford • 101217 – Mizkan America Inc. • 101499 – Liberty Packing - Los Banos (Morning Star) • 101500 – Olam West Coast Inc - Williams • 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 	15

Industrial Allocation				
Category	Total	NAICS Codes	Facility Names	Total # Facilities
Other Food Manufacturing	Total Allocation: 715,400 Total True-Up Value: 222,127	<ul style="list-style-type: none"> • 111419 – Other Food Crops Grown Under Cover • 311221 – Wet Corn Milling • 311313 – Beet Sugar Manufacturing • 311423 – Dried and Dehydrated Food Manufacturing • 311615 – Poultry Processing • 311911 – Roasted Nuts and Peanut Butter Manufacturing • 311919 – Other Snack Food Manufacturing • 311991 – Perishable Prepared Food Manufacturing • 311999 – All Other Miscellaneous Food Manufacturing • 312120 – Breweries • 312130 – Wineries 	<ul style="list-style-type: none"> • 100323 – Ingredion Incorporated Stockton Plant • 100958 – E & J Gallo Winery - Fresno • 101235 – Frito Lay - Kern Plant • 101241 – Spreckels Sugar Company, Inc.- Brawley • 101284 – Olam West Coast Inc. – Gilroy • 101297 – MillerCoors • 101315 – Sensient Natural Ingredients LLC • 101473 – Anheuser-Busch LLC - Los Angeles Brewery • 101519 – CP Kelco San Diego • 101575 – Foster Poultry Farms - Livingston Complex, 95334 • 101693 – Wm. Bolthouse Farms, Inc. • 101736 – WP&A Lost Hills • 104069 – Olam West Coast, Inc. – Firebaugh • 104359 – Windset Farms • 104709 – SunSelect Produce (California) Inc. 	15
Dairies	Total Allocation: 224,560 Total True-Up Value: 4,124	<ul style="list-style-type: none"> • 311513 – Cheese Manufacturing • 311514 – Dry, Condensed, and Evaporated Dairy Product Manufacturing 	<ul style="list-style-type: none"> • 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 	8

Industrial Allocation				
Category	Total	NAICS Codes	Facility Names	Total # Facilities
Glass Manufacturing	Total Allocation: 565,380 Total True-Up Value: 23,974	<ul style="list-style-type: none"> • 327211 – Flat Glass Manufacturing • 327213 – Glass Container Manufacturing • 327993 – Mineral Wool Manufacturing 	<ul style="list-style-type: none"> • 100917 – CertainTeed Corporation • 101183 – Owens-Brockway Glass Container Tracy • 101342 – Ardagh Glass Inc. • 101475 – Owens-Brockway Glass Container Vernon • 101513 – Vitro Flat Glass LLC • 101721 – Guardian Industries Corp. • 103018 – Gallo Glass Company • 104122 – Johns Manville 	8
Paper Manufacturing	Total Allocation: 520,737 Total True-Up Value: 6,174	<ul style="list-style-type: none"> • 322121 – Paper (except Newsprint) Mills • 322130 – Paperboard Mills 	<ul style="list-style-type: none"> • 100147 – Graphic Packaging International, Inc • 100195 – New-Indy Ontario LLC Linerboard Mill • 100962 – Kimberly Clark Worldwide Inc. • 101356 – New-Indy Oxnard LLC • 101582 – The P&G Paper Products Co. • 104135 – California Paperboard Corporation • 104136 – Newark Pacific Paperboard 	7

Industrial Allocation				
Category	Total	NAICS Codes	Facility Names	Total # Facilities
Metal Processing and Manufacturing	Total Allocation: 355,153 Total True-Up Value: 38,039	<ul style="list-style-type: none"> • 331111 – Iron and Steel Mills • 331221 – Rolled Steel Shape Manufacturing • 331314 – Secondary Smelting and Alloying of Aluminum • 331492 – Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum) • 331511 – Iron Foundries • 332112 – Nonferrous Forging 	<ul style="list-style-type: none"> • 100952 – TST Inc. • 100953 – Vista Metals Corp. • 100954 – California Steel Industries • 101068 – USS-POSCO Industries • 101073 – TAMCO • 101469 – United States Pipe & Foundry Co. LLC • 101734 – Carlton Forge Works • 104197 – Quemetco, Inc. • 104329 – Shultz Steel Company • 104358 – Schlosser Forge Company 	10
Chemical, Biological, and Pharmaceutical Manufacturing	Total Allocation: 375,592 Total True-Up Value: 31,971	<ul style="list-style-type: none"> • 325188 – All Other Basic Inorganic Chemical Manufacturing • 325193 – Ethyl Alcohol Manufacturing • 325199 – All Other Basic Organic Chemical Manufacturing • 325412 – Pharmaceutical Preparation Manufacturing • 325414 – Biological Product (except Diagnostic) Manufacturing 	<ul style="list-style-type: none"> • 100259 – Eco Services - Dominguez • 100389 – Braun Medical Inc • 101451 – Genentech Inc South San Francisco • 101685 – Pixley Cogeneration Partners / Calgren Renewable Fuels • 101733 – Dow Chemical Company – Pittsburg • 104048 – Pacific Ethanol Stockton, LLC • 104347 – Aemetis Advanced Fuels Keyes, Inc. • 104423 – Procter & Gamble Manufacturing Co. – Sacramento • 104540 – Pacific Ethanol Madera LLC 	9

Industrial Allocation and Legacy Contract Allocation				
Category	Total	NAICS Codes (for Industrial Allocation Recipients Only)	Facility Names	Total # Facilities
Miscellaneous Industrial Facilities and Legacy Contract Allocation	Total Allocation: 1,985,859 Total True-Up Value: 62,637	<ul style="list-style-type: none"> • 212391 – Potash, Soda, and Borate Mineral Mining • 212399 All Other Nonmetallic Mineral Mining • 336390 – Other Motor Vehicle Parts Manufacturing • 333611 – Turbine and Turbine Generator Set Units Manufacturing • 336111 – Automobile Manufacturing • 336414 – Guided Missile and Space Vehicle Manufacturing • 488119 – Other Airport Operations • 488190 – Other Support Activities for Air Transportation 	<ul style="list-style-type: none"> • 100011 – Searles Valley Minerals Inc. • 100178 – Calpine – Gilroy Cogen • 100252 – Sacramento Municipal Utility District (SMUD) SCA • 100300 – U.S. Borax • 101118 – Solar Turbines Incorporated - Kearny Mesa • 101124 – United Airlines Inc. San Francisco Maintenance Center • 101243 – Dicalite Minerals Corp. • 101318 – Imerys Minerals California, Inc. • 101323 – Los Angeles International Airport (LAX) • 101623 – Lockheed Martin Corporation - Sunnyvale • 104206 – Prime Wheel Corporation • 104516 – Tesla Motors 	12

Natural Gas Supplier Allocation			
Total Allocation	Total True-Up Value	Facility Names	Total # Entities
42,666,330	0	<ul style="list-style-type: none"> • 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 	7

Universities and Public Service Facilities			
Total Allocation	Total True-Up Value	Facility Names	Total # Facilities
894,583	0	<ul style="list-style-type: none"> • 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 	14

Waste-to-Energy Facilities and Liquefied Natural Gas Suppliers			
Total Allocation	Facility Allocation (all allowances have true-up value)	Facility Names	Total # Facilities
349,031	137,308	100063 – Southeast Resource Recovery Facility (SERRF)	4
	58,038	100064 – LACSD - Commerce Refuse To Energy	
	103,519	101264 – Covanta - Stanislaus, Inc	
	50,166	104536 – Clean Energy	

Public Wholesale Water Agencies			
Total Allocation	Total True-Up Value	Facility Names	Total # Facilities
42,323	0	2046 – Metropolitan Water District of Southern California (MWD)	1

Total Allowance Allocation			
Total Allocation	Total True-Up Value		Total # Entities¹
41,594,531	1,947,370	Total industrial and legacy contract allocation	151
85,546,798	2,296,401	Total allocation on this spreadsheet	177
86,777,303	0	Total electrical distribution utility allocation ²	54
172,324,101	2,296,401	TOTAL ALLOCATION	231

¹ Total number of facilities/entities from each of the above categories will not add up to the “Total # Entities” under “Total Allowance Allocation” since an entity may receive allocation under multiple allocation categories.

² For more information on allocation to the electrical distribution utilities, please see <https://www.arb.ca.gov/cc/capandtrade/allowanceallocation/edu-ng-allowancedistribution/electricity-allocation.xlsx>