



California's Zero-Emission Regulations

Power Your Drive for Fleets

Understanding what zero-emission regulations will affect your medium- and heavy-duty fleet.



Understanding the Fleet Regulations on California's Horizon

California fleet operators face increasingly strict compliance requirements as zero-emission vehicle (ZEV) regulations take effect or are being shaped. Those regulations are identified in the following pages. Fleets that begin the electrification process now have the opportunity to take advantage of available funding to help reduce costs and get ahead of zero-emission regulation deadlines. After compliance is mandatory, many incentives may end.

SDG&E's Power Your Drive for Fleets program offers incentives and resources to help your fleet transition to EVs, including funding for EV infrastructure, electrical system upgrades for charging equipment, special EV charging rates, and rebates on chargers for eligible fleets.

Want to learn more? Visit sdge.com/sdge.com/evfleets

Who is Affected	Regulation	Status Authority	Compliance Requirement	Dates
Fleet Operators	Advanced Clean Fleets Regulation	PENDING CARB	As proposed, California fleet owners and operators will be required to transition all medium- and heavy-duty vehicles including public and drayage fleets to 100% zero-emission by 2045	Not yet in effect, but action by CARB expected in 2022. Will set ZEV percentage requirements by year. Drayage truck purchasing requirements to start November 2023, with 100% zero emission required by 2035. Public fleets must purchase ZEVs when purchasing new vehicles.
Fleet Operators Applicable Large Entities ¹	Advanced Clean Trucks (ACT) Regulation	ACTIVE CARB	A one-time reporting requirement for fleet operators and applicable large entities, to guide CARB rulemaking	One time reporting was required by April 1, 2021.
Fleet Operators of Airport Shuttles	Zero-Emission Airport Shuttle Regulation	ACTIVE CARB	Affects 13 California airports including San Diego (SAN), John Wayne (SNA), Ontario (ONT), Long Beach (LGB) and Los Angeles (LAX)	Fleet operators must have a 33% ZEV fleet by December 2027, completing the transition to a 100% ZEV fleet by 2035.
Transit Agencies	Innovative Clean Transit Regulation	ACTIVE CARB	All transit agencies that own, operate buses with a GVWR > 14,000 lbs. are required to gradually transition to a 100% zero-emission bus fleet by 2040	ZEB purchase requirements begin in 2023 for large transit agencies and 2026 for small transit agencies.
TRU Fleet Operators	Zero-Emission Transport Refrig Unit Regulation	ACTIVE CARB	CARB now requires that fleets transition transportation refrigeration units (TRUs) to zero-emissions (with compliant refrigerant) in an increasing percentage every year	As of December 2023, fleets must turnover 15% of truck TRU fleet to zero-emission each year, reaching 100% by December 2029.



Truck Manufacturers and Vehicle Dealers

Who is Affected	Regulation	Status Authority	Compliance Requirement	Dates
Truck Manufacturers	Advanced Clean Trucks (ACT) Regulation	ACTIVE CARB	Starting in 2024, truck manufacturers will be required to sell an increasing percentage of ZEVs in California	Sales percentage schedule will begin in vehicle model year 2023 and will vary based on GVWR.
All Vehicle Dealers Vehicle Manufacturers New Vehicle Buyers	California Gov Gavin Newsom Executive Order N-79-20	PENDING CARB	Effectively ends the sale of new gasoline and diesel vehicles and transitions the California transportation sector to zero-emission technology by 2045, and sooner for many segments	Proposal is 100% ZEV sales: by 2035 for passenger vehicles & trucks; by 2035 for short-haul/drayage trucks; by 2045 for buses and heavy-duty trucks; by 2035 for off-road vehicles.

1. Applies to large entities operating a facility in CA that have a gross annual revenue of \$50M+ and have at least one vehicle weighing 8501+ Lbs of GVWR).

Warehouse Operators and In-House Fleets

February 2022

Who is Affected	Regulation	Status Authority	Compliance Requirement	Dates
Warehouse Operators in Counties of LA, Orange, Riverside, San Bernardino ²	Warehouse Indirect Source Rule (WAIRE)	ACTIVE SCAQMD	Operators of warehouses with at least 100,000 sq. ft. are required to track and report on warehouse truck trips, and complete emission mitigation actions based on the volume of truck traffic, or pay a fee	Compliance required in: 2022 (>250k sq. ft.), 2023 (>150k sq. ft.), 2024 (>100k sq. ft.). Complex calculations necessary, with initial site information reporting required prior to mitigation.
Owners of Refrigerated Warehouses & Grocery Stores ³	Transportation Refrigeration Unit (TRU) ATCM	ACTIVE CARB	Operators with building size at least 20,000 sq. ft. are required to register with CARB, report all TRUs operating at their facility and pay a fee, or attest to zero-emission TRUs	Beginning December, 2023.
Forklift Operators	Zero-Emission Forklifts	PENDING CARB	CARB is proposing acceleration of the ZEV forklift transition	Not yet in effect; CARB to bring to the Board in 2022.
Cargo Handling Equipment Operators	Zero-Emission CHE	PENDING CARB	Proposed regulation to transition cargo handling equipment to zero-emission	Not yet in effect; CARB to bring to the Board in 2022.



Interested in saving money on your clean fleet transition?

SDG&E's **Power Your Drive for Fleets** program makes it easier for organizations to electrify by connecting you with infrastructure funding and program resources.

Ready to talk to a Customer Solutions Specialist about your EV transition?

Connect with us today!

2. Of these counties, only the southern tip of Orange County is in SDG&E territory, but your organization may operate fleet vehicles that visit warehouses subject to ISR regulation in these counties. Warehouses subject to ISR will be taking steps to mitigate emissions of visiting trucks, and working on mitigation solutions that may impact visiting trucks. If your fleets visits warehouses subject to ISR, SDG&E encourages you to learn more about the rule.

3. Includes owners of refrigerated warehouses and distribution centers, grocery stores, seaport facilities, and intermodal railyards (building size of at least 20,000 square feet)

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