



**LOS ANGELES COUNTY  
SANITATION DISTRICTS**  
*Converting Waste Into Resources*

# Powering Fleets

**Clean Energy Future**

December 2025



OUR SERVICE AREA







# CARB Advanced Clean Fleets (ACF)

State and local government fleets, including county, **special district**, and state agency fleets, are required to ensure **50% of vehicle purchases** (medium- & heavy-duty) are **zero-emission beginning in 2024** and **100% of vehicle purchases are zero-emission by 2027**.

## September 25, 2025 – Update

CARB adds flexibility to fleet requirements with amendments extending the 50% ZEV purchase requirement by three years and **delaying the 100% ZEV purchase requirement to 2030**

Currently “**zero-emission**” only includes **battery electric** and **hydrogen fuel-cell** vehicle technology



# Electric Vehicles (On-Road)

BEV	Number
Chevrolet Bolt	76
Telsa Model 3	36
Ford F150 Lighting	27
Ford E-Transit	12
Kenworth T680E	5
Total	156

**185 Plug-In Electric Vehicles**

**26 % of On-Road Fleet**

PHEV	Number
Ford Escape	15
Chrysler Pacifica	10
Toyota Prius Prime	4
Total	29

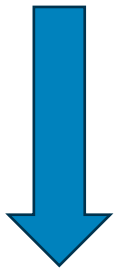
**5 Million Miles Driven on Electric!**



# Renewable Goal

## Today

68 % of the fuel used  
to power our fleet is  
renewable



Increase renewable  
usage to 90 % by  
2030



# Priorities

**Renewable Fuels** (Natural Gas, Diesel, Hydrogen, and Electricity)

Using our own Biogas to produce, RNG, Electricity, or Hydrogen

**Carbon Neutrality** - Not all renewables have same Carbon Intensity

**Zero Emission** (tailpipe) – To better support the communities we serve

**Efficient use of Resources** – Not all powertrains created equal







7179



LOS ANGELES COUNTY  
SANITATION DISTRICTS

E-TRANSIT





7185

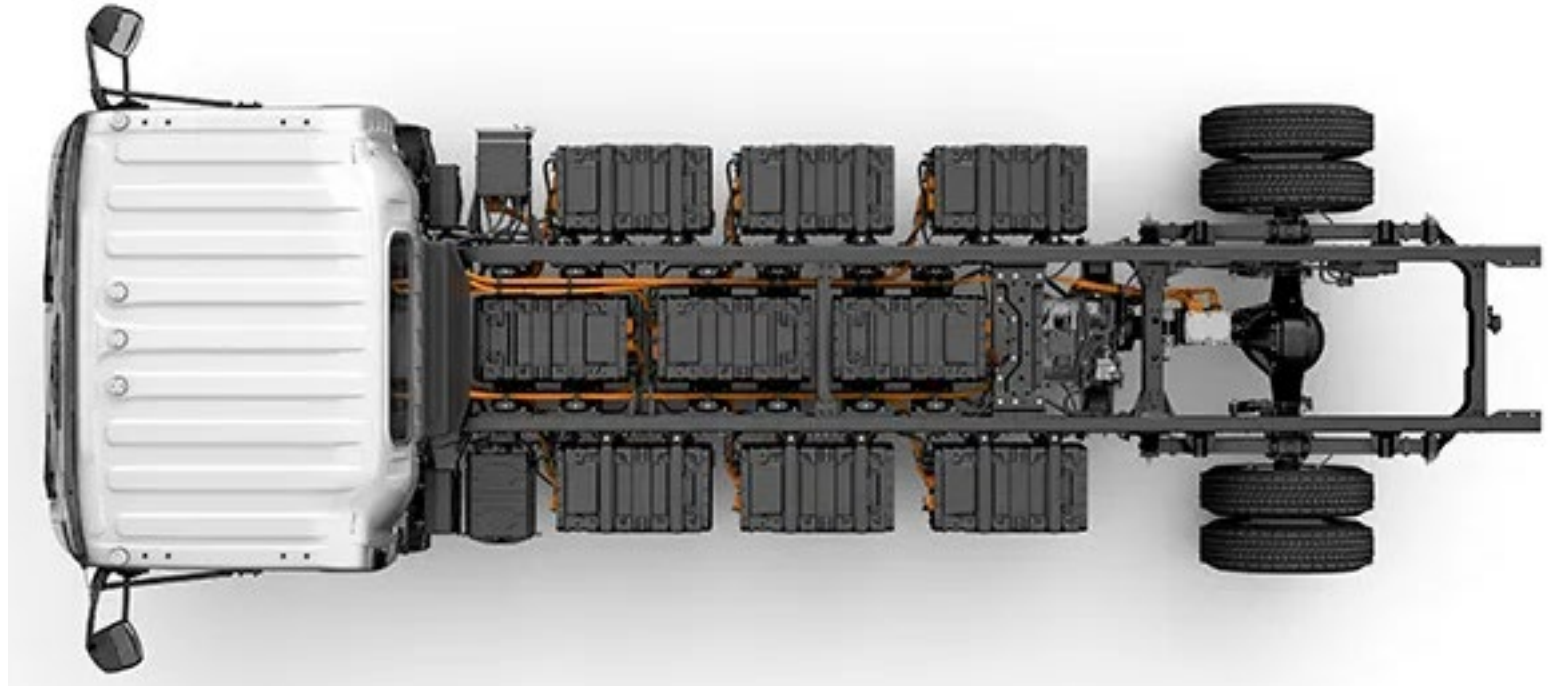


LOS ANGELES COUNTY  
SANITATION DISTRICTS

E-TRANSIT



# Medium-Duty Truck Options











# Off-Road Equipment

- +100 pieces of electric off-road equipment including utility carts, forklifts, ride-on mowers, MEWPs, and heavy equipment













# EV Charging Infrastructure

Reason for installing EV charging infrastructure at our facilities:

1. Support fleet vehicles based at facility

**(Level 2 - AC) - \$**

2. Support vehicles used by roving crews or staff attending meetings at facility

**(DC Fast Charging) - \$\$\$\$**



# EV Charging Ports

Current (2025)			Planning to Add (<5 Years)		
Level 2	DC	Total	Level 2	DC	Total EV Ports
117	33	150	274	38	462

3X





# Future Planning

- Take the opportunity to right-size fleet
- Start the conversation with your utility provider
- Identify funding opportunities (SCE, SCAQMD, CEC, CALSTART)
- New design projects for electrical upgrades at facilities should include provisions for future EV Charging requirements
- Identify the best way to maximize the use of your biogas





# Building a Sustainable Future



**Dave Bolderoff, PE**

Manager, Fleet & Transportation

Los Angeles County Sanitation Districts

[dbolderoff@lacsdsd.org](mailto:dbolderoff@lacsdsd.org)

562-908-4288 ext. 6054

