

Electric Transportation Programs

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July 2, 2022

State Zero Emission Vehicle (ZEV) Goals

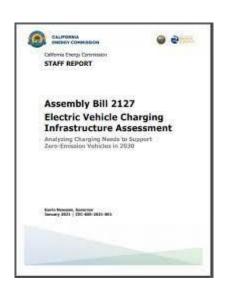
Governor Newsom's Executive Order (N-79-20):

- Requires dealers to end sale of new fossil fueled light-duty passenger vehicles by 2035.
- Electrify Freight Trucks by 2035 and Medium & Heavy Duty Fleets by 2045.



Assembly Bill 2127 EV Charging Infrastructure Assessment:

- 1.2M chargers will be needed for the 7.5M EVs required by 2030
- LADWP's service territory is estimated to have 10 percent of the state's light-duty vehicle registrations.





EV Adoption Goals & Infrastructure Needs

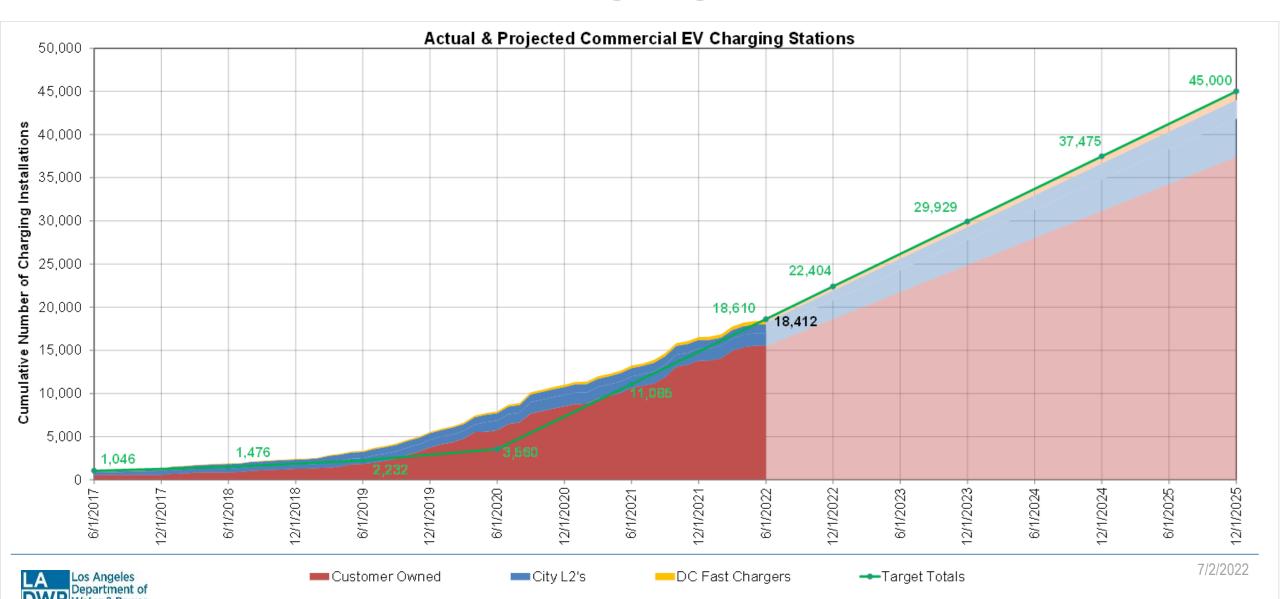


LD-PEV: Light Duty Plug-in Electric Vehicle

MHD-PEV: Medium and Heavy Duty Plug-in Electric Vehicle DCFC: Direct Current Fast Charger



Commercial EV Charging Stations in L.A.



Electric Transportation Programs



LADWP-Installed Electric Vehicle Infrastructure

- Public, Employee, & Fleet Use
- 1006 Level 2 Chargers (44 poles)
- 35 DC Fast Chargers



City Partnerships

- •1,442 City-owned (Non-DWP) L2
- Half are publicly accessible
- •426 Streetlight-mounted chargers



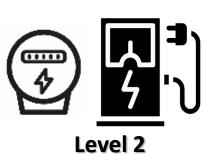
Customer-Owned Charging Rebate Incentive Programs

- 14,322 Commercial Charging Stations
- 4,189 Residential Charging Stations



Residential EV Rebate Programs





Program	Rebate Amount	Total Rebate	Equity Adder for Low Income	Total Rebate (with Low Income Adder)
Used EV Rebate	\$1,500	\$1,500	+\$1,000	\$2,500
Residential L2 Charging Station	\$1,000 for installed L2 charger + \$250 dedicated meter	\$1,250	+\$500	\$1,750



Commercial EV Rebate Programs

Level 2 Chargers

- \$4,000 per charger
- \$5,000 per charger in disadvantaged communities
- Increases access to charging at MUDs, workplaces, and public destinations

DC Fast Chargers

- \$75,000 per charger
- Improves access to fast charging and alleviates range anxiety

Chargers for Mediumand Heavy-Duty Vehicles

- \$125,000 per charger
- Helps electrify one of the largest source of pollution across the transportation sector



Low Carbon Fuel Standard (LCFS) Credits

Market Mechanism

Electric
Distribution
Utilities Generate
and Sell LCFS
Credits

CARB Regulation

Benefit current or future EV customers

Educate public on benefits of EV transportation

Provide rate discounts/options that encourage offpeak charging

Outcome

- Increase EV Adoption
- Increase Charging
 Infrastructure
- Reduce the Carbon Intensity of Transportation Fuels





How LCFS Credits are Generated

Metered **Electric Utility Base** Credits Credits for Residential EV Charging Holdback LCFS Non-Metered Credits **LADWP** Proceeds generates about 200,000 LCFS credits per year Clean Fuel Reward **Program**

Starting in 2022 30% of base credits annually to benefit DAC & LIC

Starting in 2024 50% of credits annually to benefit DAC & LIC

DAC: Disadvantaged Communities
LIC: Low Income Communities



LADWP EV Infrastructure



Distributing Station 65 (Tarzana)



Distributing
Station 98
(Studio City)

John Ferraro Building

