



Electric Transportation Programs

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DWP MOU/Advocacy Committee
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State Zero Emission Vehicle (ZEV) Goals

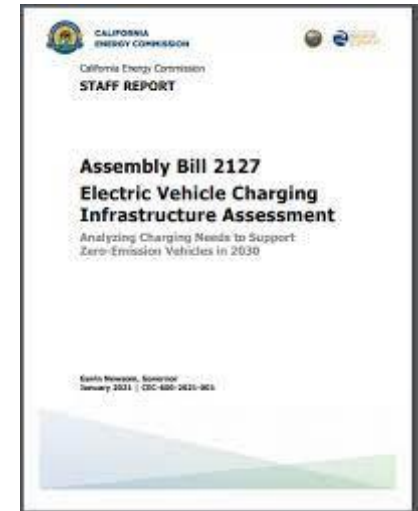
Governor Newsom's Executive Order (N-79-20):

- 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.



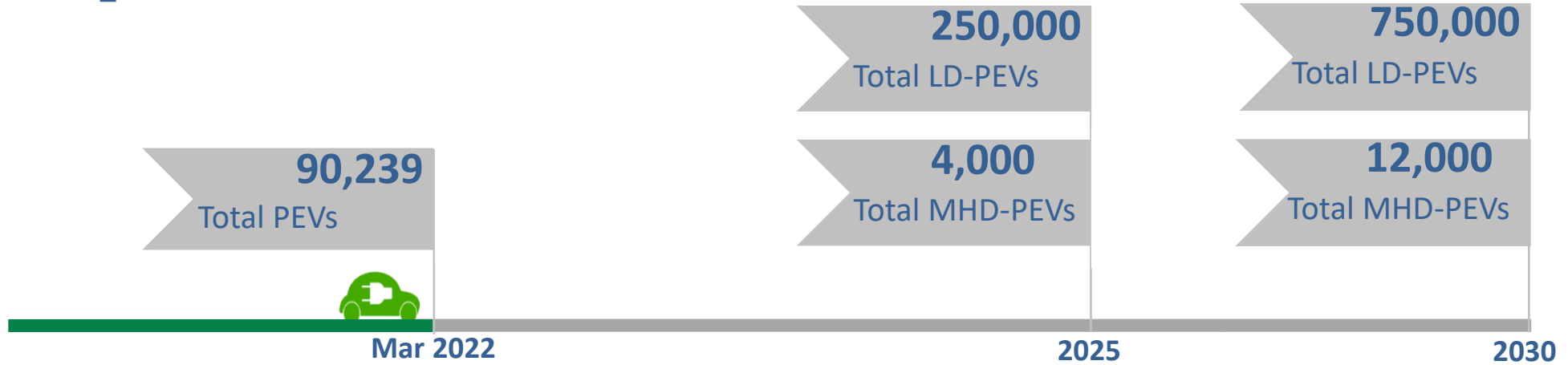
Assembly Bill 2127 EV Charging Infrastructure Assessment :

- 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.

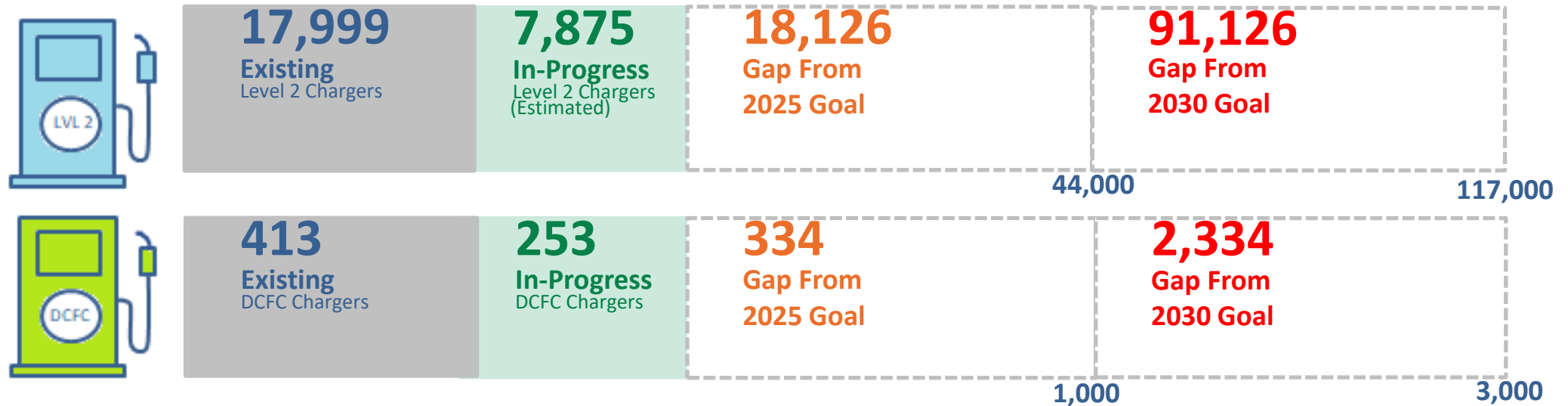


EV Adoption Goals & Infrastructure Needs

Vehicles



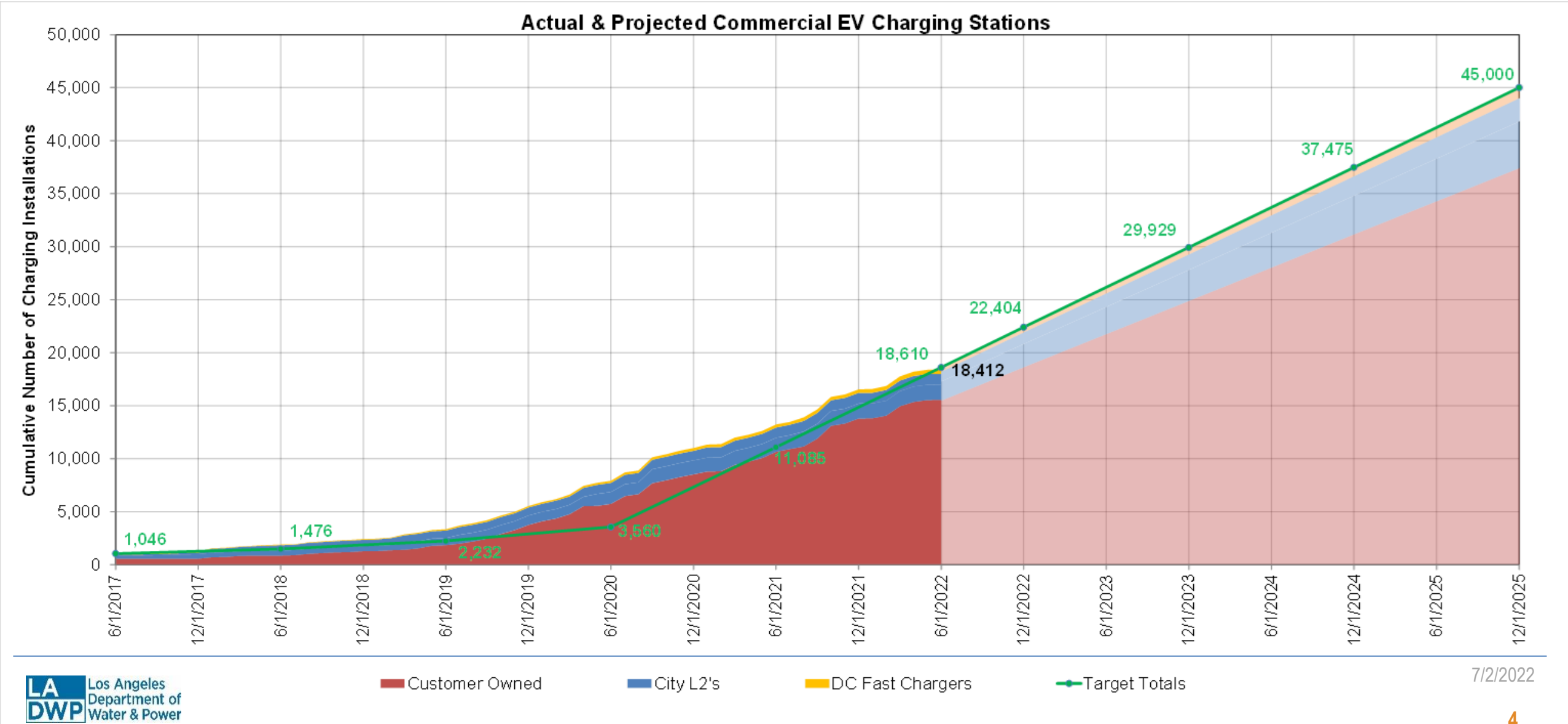
Infrastructure



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


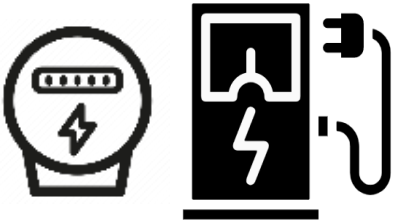
- 1,442 City-owned (Non-DWP) L2
- Half are publicly accessible
- 426 Streetlight-mounted chargers



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
 Level 2	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

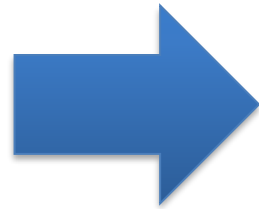
- \$75,000 per charger
- **Improves access to fast charging and alleviates range anxiety**

Chargers for Medium- and Heavy-Duty Vehicles

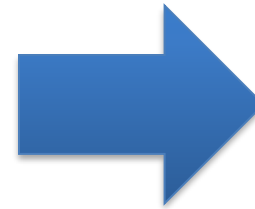
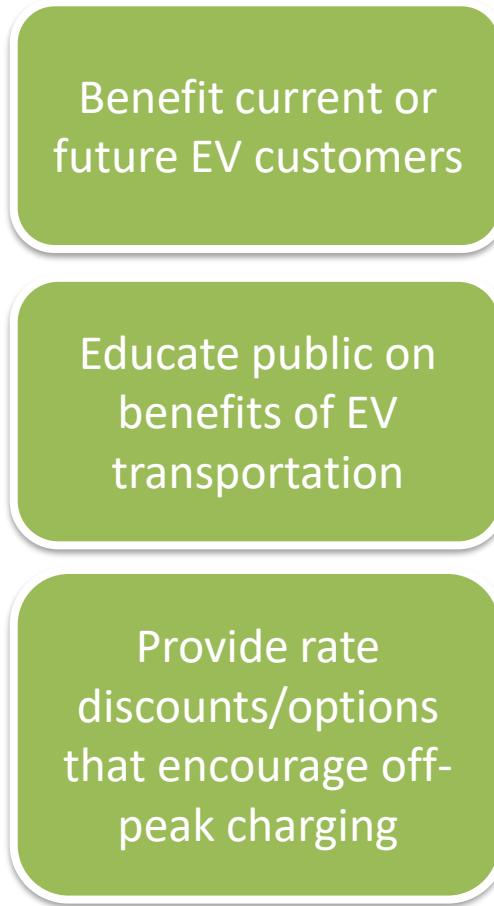
- \$125,000 per charger
- **Helps electrify one of the largest source of pollution across the transportation sector**

Low Carbon Fuel Standard (LCFS) Credits

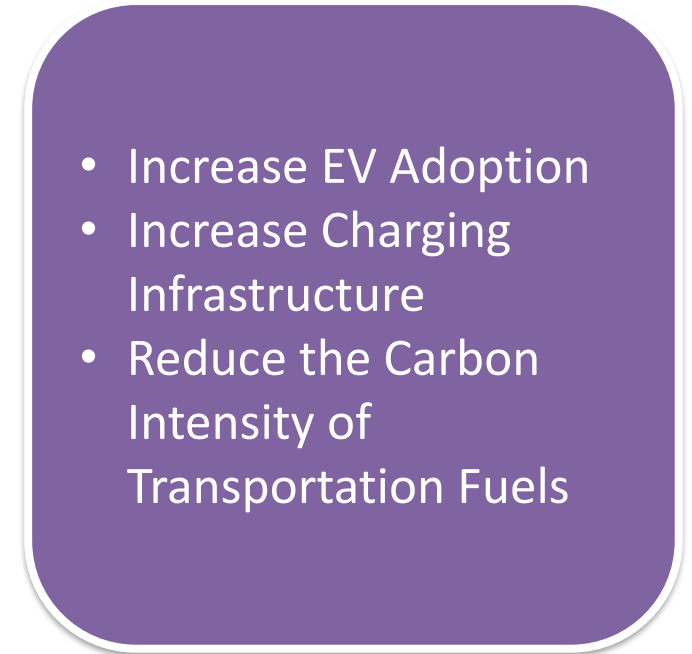
Market Mechanism



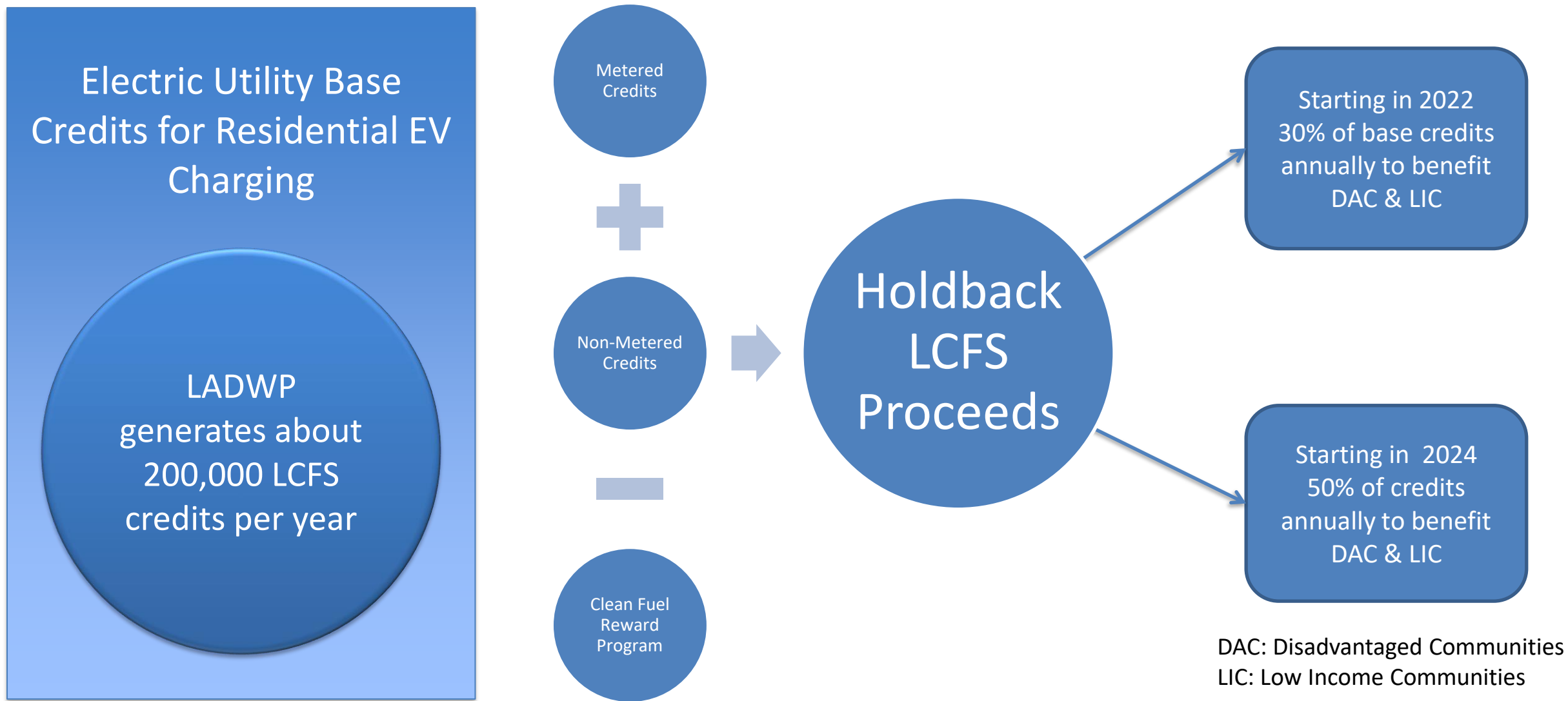
CARB Regulation



Outcome



How LCFS Credits are Generated



LADWP EV Infrastructure



Distributing
Station 65
(Tarzana)



Distributing
Station 98
(Studio City)



John Ferraro Building