California Energy Commission: ZEV Infrastructure Incentives

September 22, 2022

Elizabeth John
Medium- and Heavy-Duty Zero Emission Technologies Branch
Fuels and Transportation Division
Clean Transportation Program Origins in Statute

- Established by Assembly Bill 118 (Nunez, 2007)
- Provides up to $100 million per year
- Extended to January 1, 2024 by Assembly Bill 8 (Perea, 2013)
General Funds from ZEV Package to be Administered by the CEC

$250 million - for zero-emission drayage trucks
$25 million - for drayage truck and infrastructure pilot
$90 million - for transit buses
$50 million - for school buses
$250 million - for ZEV manufacturing grants
$500 million - for ZEV infrastructure

$785 million appropriated in Budget Act of 2021;
$380 million anticipated in FY 2022-23 and 2023-24

The budget prioritizes diesel emission reduction by earmarking funding to replace

↓ 1,125 Drayage Trucks
↓ 1,000 School Buses
↓ 1,000 Transit Buses

with zero-emission alternatives and refueling infrastructure

And to accelerate charging and hydrogen refueling stations and promote ZEV-related manufacturing
EV Fast-Track
Applicants in this funding lane are ready to go and may already have prior experience applying for commercial MD/HD EV funding.

EV Jump Start
Applicants in this funding lane will need to meet specific eligibility criteria and will be allotted more time to submit required documents.

EV Public Charging Station
Applicants in this funding lane intend to develop publicly available charging stations for commercial MHD EVs.

Hydrogen
Applicants in this funding lane intend to develop a hydrogen infrastructure project for commercial MHD vehicles.

www.energiize.org
Workforce Development and Training

Photo credit: City of Culver City

Photo credit: AC Transit
## EV Charging Assessments

<table>
<thead>
<tr>
<th>Existing Chargers</th>
<th>Other EVs</th>
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</thead>
<tbody>
<tr>
<td>Counting Chargers</td>
<td></td>
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<tr>
<td>Including in Low-income Communities <em>(SB 1000)</em></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Future Chargers</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Electric Vehicle Infrastructure Projections <em>(EVI-Pro 2)</em></td>
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<tr>
<td>Electric Vehicle Infrastructure for Road Trips <em>(EVI-RoadTrip)</em></td>
<td></td>
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<tr>
<td>Widespread Infrastructure for Ride-hailing EV Deployment <em>(WIRED)</em></td>
<td></td>
</tr>
<tr>
<td>Medium- and Heavy-Duty EV Infrastructure Load, Operation, and Deployment <em>(HEVI-LOAD)</em></td>
<td></td>
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<tr>
<td>Off-Road, Port and Airport Electrification</td>
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</tbody>
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### Charging Hardware and Software *(Equipment Components, Standards, and Interoperability)*

### Make-Ready Electrical Equipment *(Community-Centric Plans, Building Codes, and Grid Evaluation)*

### Other Programs to Accelerate the Adoption of Electric Vehicles *(Incentives, Investments, and Others)*
Hydrogen Refueling Assessments

The “Annual Evaluation” prepared by the California Air Resources Board (CARB) each summer


The “Joint Report” prepared by the Energy Commission and CARB each winter

Thank you

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