

DOCKETED

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EV Charger Reliability And Accessibility Accelerator Federal Notice of Funding Opportunity

CEC – Caltrans' Plan for Application

October 20, 2023





Agenda



- Requirements and schedule for the EVC-RAA, or “Repair and Replace NOFO”
- Caltrans and CEC plan for successful application
- Required documentation from EV charging networks
- Spreadsheet template
- Public discussion and comments

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The Repair and Replace NOFO



- Allocates \$100 million to State DOTs and Local Governments to fund the repair, upgrade, and / or replacement of existing EV chargers
 - Part of the National Electric Vehicle Infrastructure Funding Program, or NEVI
 - Open to the eligible ports, stations and companies listed on the National Renewable Energy Laboratory’s Alternative Fuel Data Center (AFDC) website by October 11, 2023
 - L2 and direct current fast chargers (DCFC) are eligible
- 3,341 ports and chargers listed in California
 - 23 L1 ports
 - 2,838 L2 ports
 - 480 DCFC ports

EV Charging Provider	Level 2	DCFC
Blink	868	5
ChargePoint	1303	79
Electrify America	2	154
EV Connect	175	12
EV Range	10	1
EVGateway	0	4
EVgo	56	187
Non-Networked	57	12
OpConnect	60	0
Shell Recharge	262	19
Volta	45	7
Totals	2838	480

Source: Oct 11 NREL AFDC Final List



The Repair and Replace NOFO



- Applications from State DOTs and Local Government due November 13, 2023
- Work must be complete within 12 months of “date of the agreement”
- **Justice40 Program – 40% of benefits to Disadvantaged Communities**
- Projects must conform to 23 CFR Section 680
 - DCFC on Alt Fuel Corridors must have 4 networked ports with 150 kW power at each port
 - Publicly available L2 and DCFC **not** located on an Alt Fuel Corridor must have 4 ports of L2, DCFC, or a combination of both
 - 97% uptime reliability over 5 years
- Federal Highway Administration (FHWA) will assess projects on a “Recommend – Not Recommend” basis



NOFO Information Requirements

Narrative Requirements

- Project Description
- Location
- Project Cost
- Confirmation of 12-month completion
- Plan for ongoing ownership / stewardship
- Description of repairs or replacement
- Description of Section 680 compliance
- Description of timely environmental and permitting compliance
- Identification of ownership and operator of charging facility
- Funding request
- Source of matching funds



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Application Requirements for Participating Network Companies



- **Publicly Accessible** - Chargers on Alternative Fuel Corridors are publicly accessible 24 hours per day, 7 days per week and all other chargers must be publicly available during business hours
- **Projects Must Meet Minimum Standards and Requirements under 23 CFR Part 680**
- **Justice40 Program** – 40% of benefits accrue to Disadvantaged Communities
- **Minimum 20% Match**- A minimum 20% match funding must be provided by EV charging providers for each project
- **Site Host Agreement with Property Owner**- California will require each EV charging network to demonstrate consent for repair or replacement from the underlying property owner for each site where funding is requested
- **Plan for Ongoing Stewardship**- Awardees must ensure that chargers are maintained in compliance with 23 CFR 680 for a period of not less than 5 years from the initial date of operation
- **By accepting funding, companies commit to meeting these requirements**



Application Process



- **EV charging network companies must submit their lists of proposed projects to Caltrans by 5:00 pm November 3, 2023**
- The required information is listed in NOFO Section D – Application and Submission Information
 - EV charging network companies must meet all NOFO application requirements and timelines
- EV charging networks may choose to prioritize projects by their:
 - Ability to meet the 12-month schedule
 - Existing or projected utilization rates
 - Lack of complexity, such as service upgrades
- Caltrans and CEC will review proposals for information completeness and compile into a single application
 - Certain ports may be removed from the application if there is incomplete information or justification



Information Required



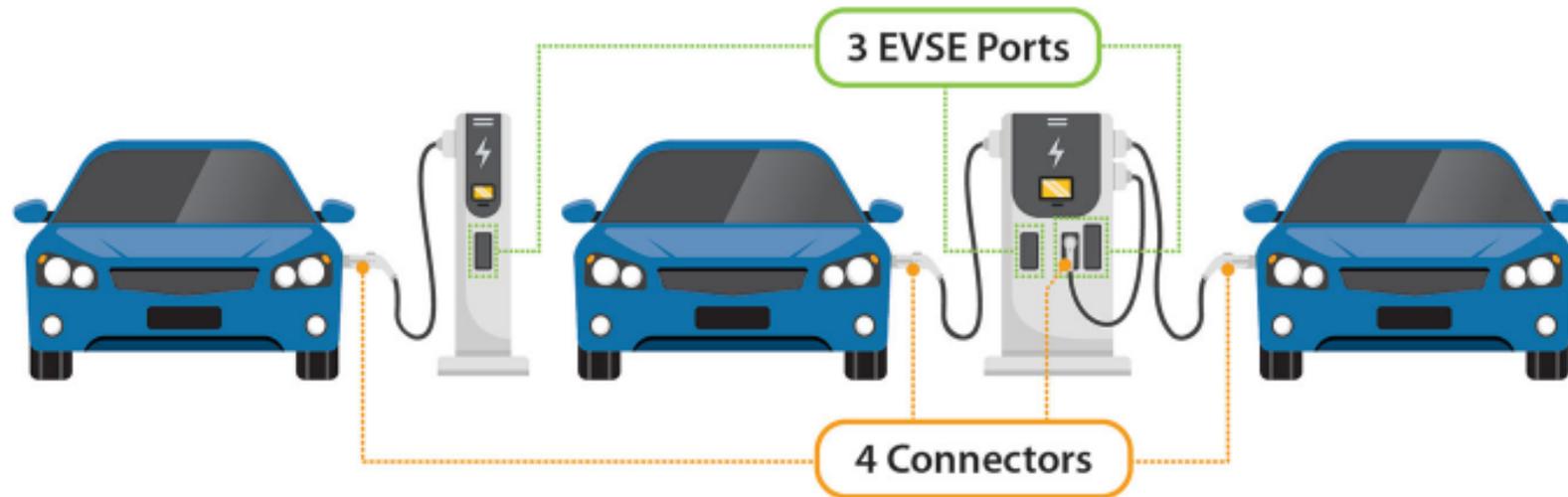
EV charging network providers will be responsible for inputting the following information in the spreadsheet:

- # Total Broken/Non-Operational Ports
- # Repairs Requested
- # Replacements Requested
- Project Description
- How sites need to be upgraded to comply with 23 CFR 680
- Power upgrades needed at site, if applicable
- If site is within 1 mile of on/offramp or intersection of Alternative Fuel Corridor
- If site is located in a disadvantaged community under the Climate and Economic Justice Screening Tool
- Funding estimations including total project cost, amount requested under this NOFO, and the amount being matched by the entity applying
- Specifics for each charger being upgraded or replaced, including type and power level

DOE Definitions

- **Station Location:** A station location is a site with one or more EVSE ports at the same address. Examples include a parking garage or a mall parking lot.
- **EVSE Port:** An EVSE port provides power to charge only one vehicle at a time even though it may have multiple connectors. The unit that houses EVSE ports is sometimes called a charging post, which can have one or more EVSE ports.
- **Connector:** A connector is what is plugged into a vehicle to charge it. Multiple connectors and connector types (such as CHAdeMO and CCS) can be available on one EVSE port, but only one vehicle will charge at a time. Connectors are sometimes called plugs.

1 Station Location





Application Disclaimers



- Each charging network is responsible for inputting needed information for any charger they request funding for
- If the 12-month deadline is not met, there is no guarantee of funding reimbursement
- Only project work initiated after the project award has been made is eligible for reimbursement
- Actual award requests will be based on the application and budget submitted for each specific charger and may vary



Important Reminders



- Written comments on the Repair and Replace NOFO accepted until October 30, 2023 at 5pm
- Proposed projects and requisite information are due to Caltrans by 5pm, November 3, 2023
 - Provided template(s) must be used
 - **Submit to: ZEV@dot.ca.gov**
- Comments should be sent to **Docket 22-EVI-03** via the CEC's electronic comment system:
<https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=22-EVI-03>
- FHWA may announce awards by the end of 2023

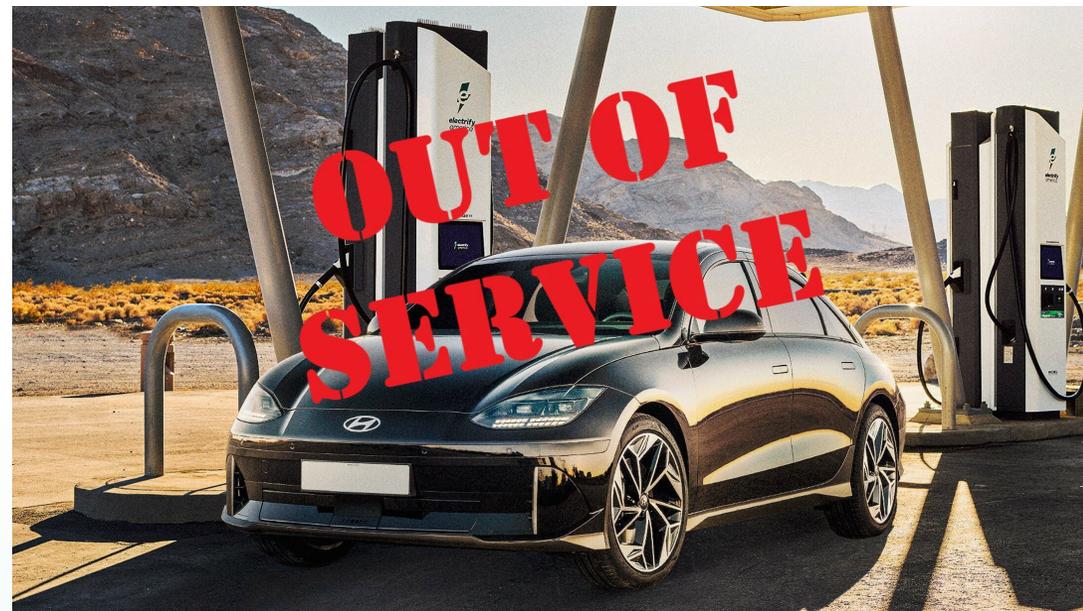


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Public Comment and Discussion



Contact Information



NEVI Webpage - <https://www.energy.ca.gov/programs-and-topics/programs/national-electric-vehicle-infrastructure-program-nevi>

Docket 22-EVI-03

<https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=22-EVI-03>

ZEV@dot.ca.gov

Use for submitting spreadsheets of nominated projects

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