<table>
<thead>
<tr>
<th><strong>Docket Number:</strong></th>
<th>17-EVI-01</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Title:</strong></td>
<td>Block Grant for Electric Vehicle Charger Incentive Projects</td>
</tr>
<tr>
<td><strong>TN #:</strong></td>
<td>229614</td>
</tr>
<tr>
<td><strong>Document Title:</strong></td>
<td>CAleVIP Permitting Workshop Presentation</td>
</tr>
<tr>
<td><strong>Description:</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Filer:</strong></td>
<td>Jessica Martinez</td>
</tr>
<tr>
<td><strong>Organization:</strong></td>
<td>California Energy Commission</td>
</tr>
<tr>
<td><strong>Submitter Role:</strong></td>
<td>Commission Staff</td>
</tr>
<tr>
<td><strong>Submission Date:</strong></td>
<td>8/30/2019 9:21:07 AM</td>
</tr>
<tr>
<td><strong>Docketed Date:</strong></td>
<td>8/30/2019</td>
</tr>
</tbody>
</table>
AB 8 (Perea, Chapter 401, Statutes of 2013) extends ARFVTP through January 1, 2024.

- Receives up to $100 million per year to:
  - Transform California's transportation market into a diverse collection of alternative fuels and technologies and reduce California's dependence on petroleum.
  - Develop and deploy innovative technologies that transform California’s fuel and vehicle types to help attain the state’s climate change policies.
Commitment to Diversity

• The Energy Commission adopted a resolution on April 8, 2015, to firmly commit to:
  • Increase participation of women, minority, disabled veteran and LGBT business enterprises in program funding opportunities
  • Increase outreach and participation by disadvantaged communities
  • Increase diversity in participation at Energy Commission proceedings
  • Increase diversity in employment and promotional opportunities
Commitment to Diversity

**Fairness** – Increase funding accessibility to all Californians

**Inclusion** – Small businesses make up a significant portion of the U.S. economy

**Job Creation** – Projects can create jobs for residents of the under-served communities

**Diversity of Ideas** – Great ideas occur in a variety of areas

**Diversity in Communities’ Needs** – Needs vary widely from one area to the next (air quality, socioeconomic, etc.)
CALeVIP Background

• Goals:
  • Implement targeted incentive projects throughout California that address a specific region’s EV charging needs.
  • Provide a mechanism that speeds up the installation, reporting, and funding processes.
• CALeVIP vs Incentive Projects within CALeVIP
  • CALeVIP is the platform for all Incentive Projects
  • Incentive Projects within CALeVIP are geographically targeted projects
• Total Active Projects: $51 million
  • Up to $200 million in future funding
<table>
<thead>
<tr>
<th>Incentive Project</th>
<th>Launch Date</th>
<th>Counties</th>
<th>Funding</th>
<th>Technologies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fresno County</td>
<td>December 2017</td>
<td>Fresno</td>
<td>$4 million</td>
<td>Level 2</td>
</tr>
<tr>
<td>Southern California</td>
<td>August 2018</td>
<td>Los Angeles, Orange, Riverside, San Bernardino</td>
<td>$29 million</td>
<td>DC Fast Chargers</td>
</tr>
<tr>
<td>Sacramento County</td>
<td>April 2019</td>
<td>Sacramento</td>
<td>$15.5 million*</td>
<td>Level 2 &amp; DC fast chargers</td>
</tr>
<tr>
<td>Northern California</td>
<td>May 2019</td>
<td>Shasta, Humboldt, Tehama</td>
<td>$4 million</td>
<td>Level 2 &amp; DC fast chargers</td>
</tr>
<tr>
<td>Central Coast</td>
<td>Launching October 2019</td>
<td>Monterey, Santa Cruz, San Benito</td>
<td>$7 million**</td>
<td>Level 2 &amp; DC fast chargers</td>
</tr>
<tr>
<td>San Joaquin Valley</td>
<td>Launching December 2019</td>
<td>San Joaquin, Kern, Fresno</td>
<td>$14 million</td>
<td>Level 2 &amp; DC fast chargers</td>
</tr>
</tbody>
</table>

**Total:** $73.5 million

*Includes SMUD’s $1.5 million investment that is in the process of being added.
** Includes MBCP’s $1 million investment. MBCP is investing $1M/year for 3 years.
Peninsula-Silicon Valley Incentive Project
• Anticipated Release: May 2020
• $60 million in rebate funding over 4 years
  • $30M Energy Commission
  • $27M Local Partners

San Diego County Incentive Project
• Anticipated Release: August 2020
• $21.38 million in rebate funding over 3 years
  • $15.8M Energy Commission
  • $5.58 M Local Partners

Sonoma Coast Incentive Project
• Anticipated Release: October 2020
• $6.75M in rebate funding over 3 years
  • $5.1M Energy Commission
  • $1.65M Local Partners
<table>
<thead>
<tr>
<th>County</th>
<th>Region</th>
<th>DCFC Funding</th>
<th>Level 2 Funding</th>
<th>Total Funding (2-4 years)*</th>
<th>At least 25% in DAC / Low Income</th>
</tr>
</thead>
<tbody>
<tr>
<td>San Mateo</td>
<td>Entire County</td>
<td>$12M</td>
<td>$12M*</td>
<td>$24M*</td>
<td>No</td>
</tr>
<tr>
<td>Santa Clara</td>
<td>SVCE**</td>
<td>$6M</td>
<td>$6M*</td>
<td>$12M*</td>
<td>No</td>
</tr>
<tr>
<td>Santa Clara</td>
<td>City of San Jose</td>
<td>$7M</td>
<td>$7M*</td>
<td>$14M*</td>
<td>Yes</td>
</tr>
<tr>
<td>Santa Clara</td>
<td>City of Santa Clara</td>
<td>$4M</td>
<td>$4M*</td>
<td>$8M*</td>
<td>Yes</td>
</tr>
<tr>
<td>Santa Clara</td>
<td>City of Palo Alto</td>
<td>$1M</td>
<td>$1M*</td>
<td>$2M*</td>
<td>No</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>$30M</td>
<td>$30M*</td>
<td>$60M*</td>
<td></td>
</tr>
</tbody>
</table>

*Funding includes pending partnership pledges, subject to Board or Council consideration and approval, which would be added on a fiscal year basis. Funding from pending CCA partnerships (PCE, SVCE, SJCE) will only be available to their customers (Opt-ins)

**Campbell, Cupertino, Gilroy, Los Altos, Los Altos Hills, Los Gatos, Milpitas, Monte Sereno, Morgan Hill, Mountain View, Saratoga, Sunnyvale, Unincorporated Santa Clara County
Proposed Funding

<table>
<thead>
<tr>
<th>DCFC Funding</th>
<th>Level 2 Funding</th>
<th>3 Year Total</th>
<th>At least 25% in DAC / Low Income</th>
</tr>
</thead>
<tbody>
<tr>
<td>$15.8M</td>
<td>$5.58M*</td>
<td>$21.38M*</td>
<td>Yes</td>
</tr>
</tbody>
</table>

$1.395M/year* (San Diego Association of Governments**)
$465K/year* (San Diego APCD)

*Funding includes pending partnership funding, subject to Board or Council consideration and approval, which would be added on a fiscal year basis.

**SANDAG committed $30M over 30 years to public EV charging infrastructure as part of its adopted 2015 Regional Transportation Plan and Sustainable Communities Strategy.
Sonoma Coast Incentive Project
October 2020

Proposed Funding

<table>
<thead>
<tr>
<th>County</th>
<th>DCFC Funding</th>
<th>Level 2 Funding</th>
<th>3 Year Total</th>
<th>At least 25% in DAC / Low Income</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sonoma</td>
<td>$3.3M</td>
<td>$2.7M*</td>
<td>$6M*</td>
<td>No</td>
</tr>
<tr>
<td>Mendocino</td>
<td>$300K*</td>
<td>$450K*</td>
<td>$750K*</td>
<td>Yes</td>
</tr>
<tr>
<td>Total:</td>
<td>$3.6M</td>
<td>$3.45M*</td>
<td>$6.75M*</td>
<td></td>
</tr>
</tbody>
</table>

$500K/year for 3 years* (Sonoma Clean Power)

$50k/year for 3 years* (Northern Sonoma County APCD)

*Funding includes pending partnership funding, subject to Board or Council consideration and approval, which would be added on a fiscal year basis.
Eligibility - Applicants

• Private companies
  • Business owner, EVCS manufacturer, EVSP, contractors, not-for-profits, community/faith-based organizations, etc.
  • Not required to be the site owner or host

• Public agencies
• Tribal communities
• Must have a valid California Business License
Eligibility – Site Locations

• Installation site must be inside the project’s defined region
• Be well-lit, secure and in compliance with all federal, state and municipal laws, ordinances, rules, codes, standards and regulations
Charger(s) must be available to the public 24 hours a day, 365 days a year

- Urban/suburban retail cores
- Retail shopping centers
- Grocery Stores
- Restaurants
- Retail Gas stations
- Hospitals
- Sheriff/police stations
- Colleges/Universities*
- Airports
- Hotels
- Casinos
- Libraries
- Public Transit Hub
- Curbside**
- Publicly available parking garages and surface lots (not workplace parking)

*Must be a CSU, UC or 2-year Community College
**Must coordinate with the city or county ahead of time
Eligibility – Level 2
Site Locations

• Must be shared use, except for San Mateo County MUDs
• Any site type is eligible
  • Schools
  • Hospitals
  • Public Agency sites
  • Workplaces
  • Tribal Lands
  • Etc.
Eligibility – Level 2
Site Locations

<table>
<thead>
<tr>
<th>Eligible Sites</th>
<th>Counties</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Santa Clara</td>
</tr>
<tr>
<td>Commercial: Public</td>
<td>Yes</td>
</tr>
<tr>
<td>Workplace: Private/Public Shared Use</td>
<td>Yes</td>
</tr>
<tr>
<td>MUD: Private/Public Shared Use</td>
<td>Yes</td>
</tr>
<tr>
<td>Light-Duty Fleet: Private/Public Shared Use</td>
<td>Yes</td>
</tr>
<tr>
<td>New Construction</td>
<td>No</td>
</tr>
</tbody>
</table>

(Dedicated parking is only allowed for MUDs in San Mateo County)
Eligible Costs

• Equipment: EVSE, transformers, panels, advanced energy storage
• Planning/design
• Installation costs (labor & materials)
• Utility service orders
• Demand management equipment
• Networking agreements
• Extended warranties
• Stub-outs
• Signage
Ineligible Costs

- Permit Fees
- Solar panels
- Costs paid by other rebate or incentive programs/projects
• **DCFC or Combo** installations must be completed within **15 months**

• **Level 2** installations must be completed within **9 months**
• Each application must be completed before the deadline, which starts when the application funds are reserved.

  • Applicants should not apply until they have an executed site host agreement and completed Site Verification Form
  • Station must be 100% operational and open for use by the application deadline
  • All application documents must be submitted and approved by the application deadline
  • Reach out to CSE staff if delays arise
### Other Workshops Tentative Schedule

<table>
<thead>
<tr>
<th>Workshop Name</th>
<th>Location</th>
<th>Tentative Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>EV Charger Permitting Workshop</td>
<td>Energy Commission - Sacramento</td>
<td>August 28, 2019</td>
</tr>
<tr>
<td>Deadline for Comments on CALeVIP 2020 Project Workshops</td>
<td>Online or Mail to Energy Commission</td>
<td>September 6, 2019 by 5:00pm</td>
</tr>
<tr>
<td>CALeVIP Future Technology Requirements Workshop</td>
<td>Energy Commission - Sacramento</td>
<td>Q4 2019</td>
</tr>
<tr>
<td>CALeVIP 2021 Projects Planning Workshop</td>
<td>Energy Commission - Sacramento</td>
<td>Q4 2019</td>
</tr>
</tbody>
</table>
Barriers to fast EV charger installations

• Site host negotiations
• Permitting
• Utility interconnection/energization
• California’s goal of 250,000 EV chargers by 2025
  • ≥ 10,000 DC fast chargers

• Assembly Bill 1236, 2017

• CALeVIP Timelines
  • Level 2 installations: 9 months
  • DCFC installations: 15 months
Factors in selecting 2021 CALeVIP Incentive Project Regions

1. EVI-Pro Analysis
2. Direct Funding Partnerships
3. AB 1236 Streamlined Jurisdictions
Future CALeVIP Information

CALeVIP website – [www.calevip.org](http://www.calevip.org)
  • Subscribe to always receive the latest CALeVIP information

Energy Commission Block Grant/CALeVIP docket webpage – [http://www.energy.ca.gov/altfuels/zev/2017-EVI-01/](http://www.energy.ca.gov/altfuels/zev/2017-EVI-01/)
  • Sign up for the new Energy Commission CALeVIP listserv
  • Center for Sustainable Energy email [calevip@energycenter.org](mailto:calevip@energycenter.org)
Comments Due 9/6/2019 by 5:00pm

California Energy Commission
Docket Unit, MS-4
Re: Docket No. 17-EVI-01
1516 Ninth Street
Sacramento, CA 95814 -5512
(916) 654-4423


Recommend all comments be submitted online.