<table>
<thead>
<tr>
<th><strong>Docket Number</strong>: 17-EVI-01</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Title</strong>: Block Grant for Electric Vehicle Charger Incentive Projects</td>
</tr>
<tr>
<td><strong>TN #</strong>: 234817</td>
</tr>
<tr>
<td><strong>Document Title</strong>: CALeVIP Design Workshop - Session 1 2020-09-17</td>
</tr>
<tr>
<td><strong>Description</strong>: N/A</td>
</tr>
<tr>
<td><strong>Filer</strong>: Spencer Kelley</td>
</tr>
<tr>
<td><strong>Organization</strong>: California Energy Commission</td>
</tr>
<tr>
<td><strong>Submitter Role</strong>: Commission Staff</td>
</tr>
<tr>
<td><strong>Submission Date</strong>: 9/17/2020 2:33:02 PM</td>
</tr>
<tr>
<td><strong>Docketed Date</strong>: 9/17/2020</td>
</tr>
</tbody>
</table>
Thank You for Attending Remotely

Due to high traffic, you may experience technical difficulties during this webinar. We apologize for potential delays or compromised presentation quality.

The workshop recording will be posted on the event page:
https://www.energy.ca.gov/event/workshop/2020-09/session-1-calevip-application-process-and-serving-communities-staff-workshop
Commitment to Diversity

The California Energy Commission (CEC) adopted a resolution on April 8, 2015 to firmly commit to increasing:

- Participation of women, minority, disabled veteran and LGBT business enterprises in program funding opportunities
- Outreach and participation by disadvantaged communities
- Diversity in participation at CEC proceedings
- Diversity in employment and promotional opportunities
Commitment to Diversity (cont.)

**Fairness** – Increasing 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.)
Agenda

• CALeVIP background
• Implementation of CALeVIP project design changes
• Application process improvements
• Rebate levels
• How to better serve disadvantaged and low-income communities and multi-unit dwelling residents
• Public comment
Purpose of Workshop

• Discuss and solicit stakeholder feedback on potential:
  • CALeVIP design changes (Session 1)
  • CALeVIP equipment requirement changes (Session 2)
  • EVITP certification implementation (Session 2)
Workshop Participation

• Public comment taken after each category proposal.

• During public comment period, use the “raise hand” feature in Zoom to request to speak or use the Q&A to type in your question.

• Encourage participants to also submit comments made today to the docket.
Submit Comments to CEC Docket 17-EVI-01

Electronic Commenting System
Visit the comment page for this docket at:

Comment by E-mail
E-mail: docket@energy.ca.gov
Subject Line: “CALeVIP Project Designs”

All comments due by 5:00 pm on October 1, 2020
CALeVIP

Background

- State goal: 250,000 chargers by 2025
- Streamlined mechanism
- Fair access to funding
- Act as stimulus / create jobs
### Background: Existing Projects

<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>October 2019</td>
<td>Monterey, Santa Cruz, San Benito</td>
<td>$9 million**</td>
<td>Level 2 &amp; DC fast chargers</td>
</tr>
<tr>
<td>San Joaquin Valley</td>
<td>December 2019</td>
<td>San Joaquin, Kern, Fresno</td>
<td>$14 million</td>
<td>Level 2 &amp; DC fast chargers</td>
</tr>
<tr>
<td>Sonoma Coast</td>
<td>July 8, 2020</td>
<td>Mendocino, Sonoma</td>
<td>$6.75 million***</td>
<td>Level 2 &amp; DC fast chargers</td>
</tr>
</tbody>
</table>

**Total:** $82.25 million

*CEC funding: $14 million, Partner funding: $1.5 million  
**CEC funding: $6 million, Partner funding: $3 million over three years  
***CEC funding: $5.1 million, Partner funding: $1.65 million over three years
### CALeVIP

**Background:**

#### 2020 Projects

<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><strong>San Diego County</strong></td>
<td>Launching October 27, 2020</td>
<td>San Diego</td>
<td>$21.7 million*</td>
<td>Level 2 &amp; DC fast chargers</td>
</tr>
<tr>
<td><strong>Peninsula-Silicon Valley</strong></td>
<td>Launching December 16, 2020</td>
<td>San Mateo</td>
<td>$55.23 million**</td>
<td>Level 2 &amp; DC fast chargers</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Santa Clara</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total:** $77.38 million

* CEC funding $15.8 million, Partner funding: $5.9 million over three years
**CEC funding: $33 million, Partner funding: $22.23 million over four years
**CALeVIP Background: 2021 Projects**

<table>
<thead>
<tr>
<th>Counties</th>
<th>Technologies</th>
</tr>
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<tbody>
<tr>
<td>Alameda</td>
<td>Level 2 &amp; DC fast chargers</td>
</tr>
<tr>
<td><strong>Los Angeles, Orange, Riverside, San Bernardino</strong></td>
<td>Level 2 chargers</td>
</tr>
<tr>
<td><strong>San Luis Obispo, Santa Barbara, Ventura</strong></td>
<td>Level 2 &amp; DC fast chargers</td>
</tr>
<tr>
<td><strong>Butte, El Dorado, Imperial, Kings, Merced, Napa, Nevada, Placer, Solano, Stanislaus, Sutter, Tulare, Yolo</strong></td>
<td>Level 2 &amp; DC fast chargers</td>
</tr>
</tbody>
</table>

Project names, funding, order, and launch dates are still TBD
Background: 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
Future vs. Existing Incentive Projects

• Focused on Incentive Projects launching in 2021

• Some requirements could be applied retroactively to existing Incentive Projects launched prior to 2021
  • Could apply to applications that have not been fully processed
Process Improvements
Application Lifecycle: Overview

**Applicant Applies**
Select equipment, provide owner authorization & apply online.

**Initial Verification**
Applicant and site eligibility.

**Applicant Performance**
Design, permit, install, complete.

**(Opt) Milestone Review**
Upload documents online for CSE review.

**Final Docs Review**
Invoices, permits, inspections cards, cost calculations.

**QA & Payment**
Costs, documents.
• Application processing requires careful due diligence to ensure equitable and accurate screening of applications which can lead to long processing times

• Opportunities for improvement to consider are aimed at speeding up the processing time and dispersal of funds for qualified EVI projects

• New processing requirements could be implemented individually or collectively
Application Processing

Opportunities for Improvement
1 of 4

• Site Verification Form (SVF)
  o Reduce the number of days required to provide SVF
    o Within 1 – 2 business days after application submission
  o GOAL: reduced fallout rate from ineligibility and increase speed of initial verifications for eligible EVI projects
• Additional Checkpoint Reviews
  o Permit in hand by 6 months (L2) and permit (and if required utility service order) in hand in 11 months (DCFC) instead of proof of construction started
  o GOAL: Reduce chance of extensions and cancellations very late in the application lifecycle
Application Processing

Opportunities for Improvement
3 of 4

• Questions on Checkpoint Review Design
  o For Level 2 is 6 months correct time for permit in hand, too early or too late?
  o For DCFC/Combo is 11 months correct time for permit / utility service order in hand, too early or too late?
  o Should cancellation for failure to meet the check point be implemented? Yes or no?
Voluntary Invoicing Template

- Use of standardized template for project invoices
- GOAL: Reduce variation in order to streamline invoice reviews to increase speed of processing and payment
Public Comments – 25 mins

• Site Verification form at time of application submittal
• Additional Checkpoint Reviews
  • L2: Permit in hand at 6 months
  • DCFC: Permit and utility design in hand at 11 months
• Voluntary Invoice Template
Rebate Levels
CALeVIP Rebate Levels

- Incentive project oversubscriptions
- Additional chargers funded
- Address areas of need

<table>
<thead>
<tr>
<th>Level 2</th>
<th>Base</th>
<th>DAC/LIC rebate or adder</th>
<th>MUD Adder</th>
<th>Rural, currently Sonoma Coast Only</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$3,500 per connector or up to 75% of project cost, whichever is less ($1,000 decrease)</td>
<td>$500 adder (No Change)</td>
<td>$2,000 adder ($1,000 increase)</td>
<td>$1,000 adder (No Change)</td>
</tr>
<tr>
<td>50kW – 99.9kW DCFC</td>
<td>$30,000 per charger or up to 75% of project cost, whichever is less ($20,000 decrease)</td>
<td>$40,000 per charger or up to 75% of project cost, whichever is less ($20,000 decrease)</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>100kW + DCFC</td>
<td>$70,000 per charger or up to 75% of project cost, whichever is less (No Change)</td>
<td>$80,000 per charger or up to 75% of project cost, whichever is less (No Change)</td>
<td>N/A</td>
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## Public Comment – 15 mins

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Better Serving Priority Populations
Rebate adders and funding minimums to consider:

• Disadvantaged and Low-Income Communities (DACs & LICs)
  • Increase the minimum DAC/LIC investment to 35%
  • Employment centers that employ LIC community members
    • AMI of employees less than 80% of AMI = qualification
  • Affordable Housing outside of DAC/LIC
  • Rural communities

• Multi-Unit Dwellings (MUDs)
  • DCFC investment targeted to properties around MUD concentrations
Public Comment – 45 mins

Rebate adders and funding minimums to consider:

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Subject Line: “CALeVIP Project Designs”

All comments due by 5:00 pm on October 1, 2020
Thank You

Session 2
CALeVIP Equipment Requirements and Training Certification

September 17, 2020 (Today)
1:00pm to 4:00pm (PT)

https://energy.zoom.us/j/97888040175?pwd=UW1X
TTF3OXIwRVZyYUFNZ1FvU0xoZz09

Webinar ID: 978 8804 0175
Webinar Passcode: Workshop@1