

DOCKETED

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Project Title:	Block Grant for Electric Vehicle Charger Incentive Projects
TN #:	234817
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CALeVIP Project Design Workshop
September 17, 2020
Session 1: Application Process and Serving Communities



Brian Fauble
Energy Commission Specialist II

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:

<https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=17-EVI-01>

Comment by E-mail

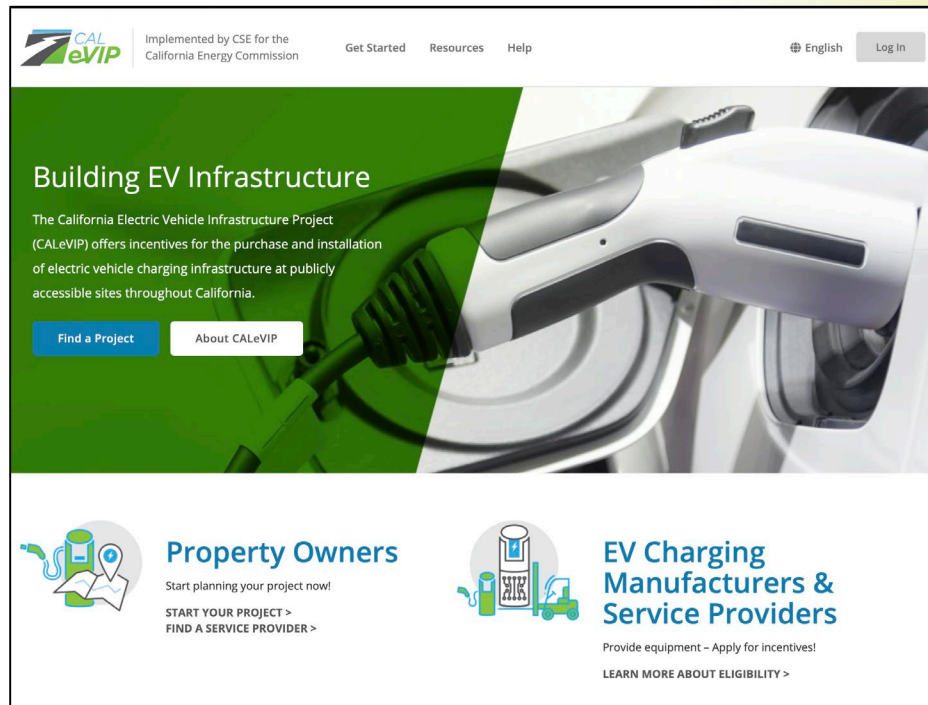
E-mail: docket@energy.ca.gov

Subject Line: "CALeVIP Project Designs"

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



CALeVIP Background




CALeVIP Implemented by CSE for the California Energy Commission [Get Started](#) [Resources](#) [Help](#) [English](#) [Log In](#)

Building EV Infrastructure

The California Electric Vehicle Infrastructure Project (CALeVIP) offers incentives for the purchase and installation of electric vehicle charging infrastructure at publicly accessible sites throughout California.


[Find a Project](#) [About CALeVIP](#)



Property Owners

Start planning your project now!

[START YOUR PROJECT >](#)
[FIND A SERVICE PROVIDER >](#)



EV Charging Manufacturers & Service Providers

Provide equipment - Apply for incentives!

[LEARN MORE ABOUT ELIGIBILITY >](#)

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



CALeVIP Background: Existing Projects

Incentive Project	Launch Date	Counties	Funding	Technologies
Fresno County	December 2017	Fresno	\$4 million	Level 2
Southern California	August 2018	Los Angeles Orange Riverside San Bernardino	\$29 million	DC Fast Chargers
Sacramento County	April 2019	Sacramento	\$15.5 million*	Level 2 & DC fast chargers
Northern California	May 2019	Shasta Humboldt Tehama	\$4 million	Level 2 & DC fast chargers
Central Coast	October 2019	Monterey Santa Cruz San Benito	\$9 million**	Level 2 & DC fast chargers
San Joaquin Valley	December 2019	San Joaquin Kern Fresno	\$14 million	Level 2 & DC fast chargers
Sonoma Coast	July 8, 2020	Mendocino Sonoma	\$6.75 million***	Level 2 & DC fast chargers
			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

Incentive Project	Launch Date	Counties	Funding	Technologies
San Diego County	Launching October 27, 2020	San Diego	\$21.7 million*	Level 2 & DC fast chargers
Peninsula-Silicon Valley	Launching December 16, 2020	San Mateo Santa Clara	\$55.23 million**	Level 2 & DC fast chargers
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

Counties	Technologies
Alameda	Level 2 & DC fast chargers
Los Angeles, Orange, Riverside, San Bernardino	Level 2 chargers
San Luis Obispo, Santa Barbara, Ventura	Level 2 & DC fast chargers
Butte, El Dorado, Imperial, Kings, Merced, Napa, Nevada, Placer, Solano, Stanislaus, Sutter, Tulare, Yolo	Level 2 & DC fast chargers

Project names, funding, order, and launch dates are still TBD



CALeVIP

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 CALeVIP Requirements

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

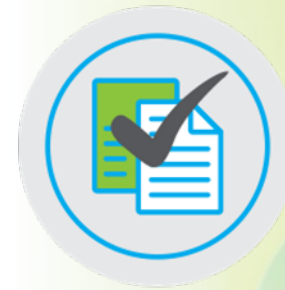
Applicant Applies

Select equipment, provide owner authorization & apply online.



Initial Verification

Applicant and site eligibility.



Applicant Performance

Design, permit, install, complete.



(Level 2)



(DCFC & Combo)

(Opt) Milestone Review

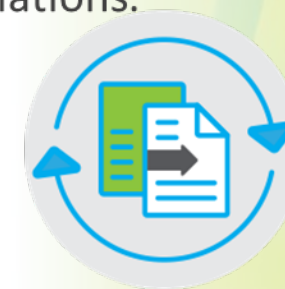
Upload documents online for CSE review.



(DCFC or Combo only)

Final Docs Review

Invoices, permits, inspections cards, cost calculations.



QA & Payment

Costs, documents.



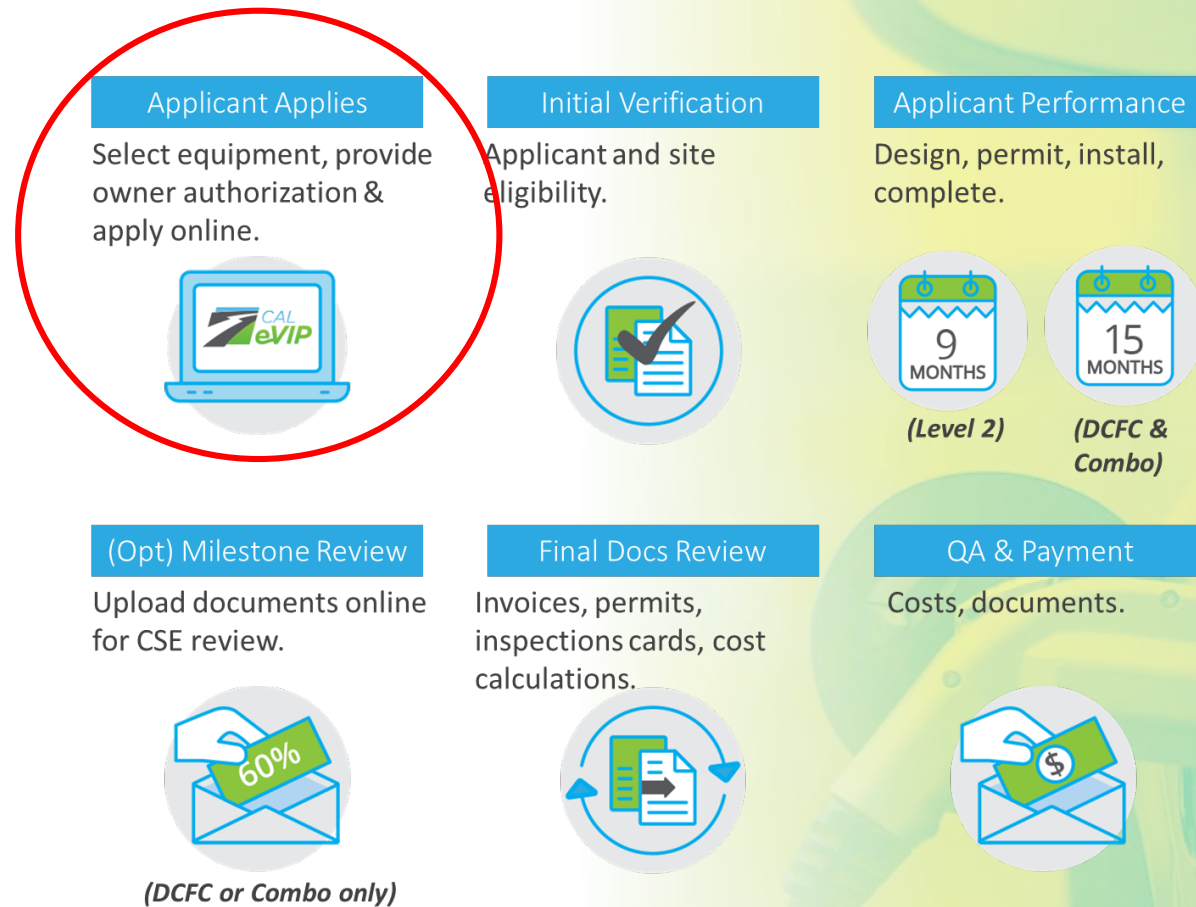
Application Lifecycle Overview

- 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

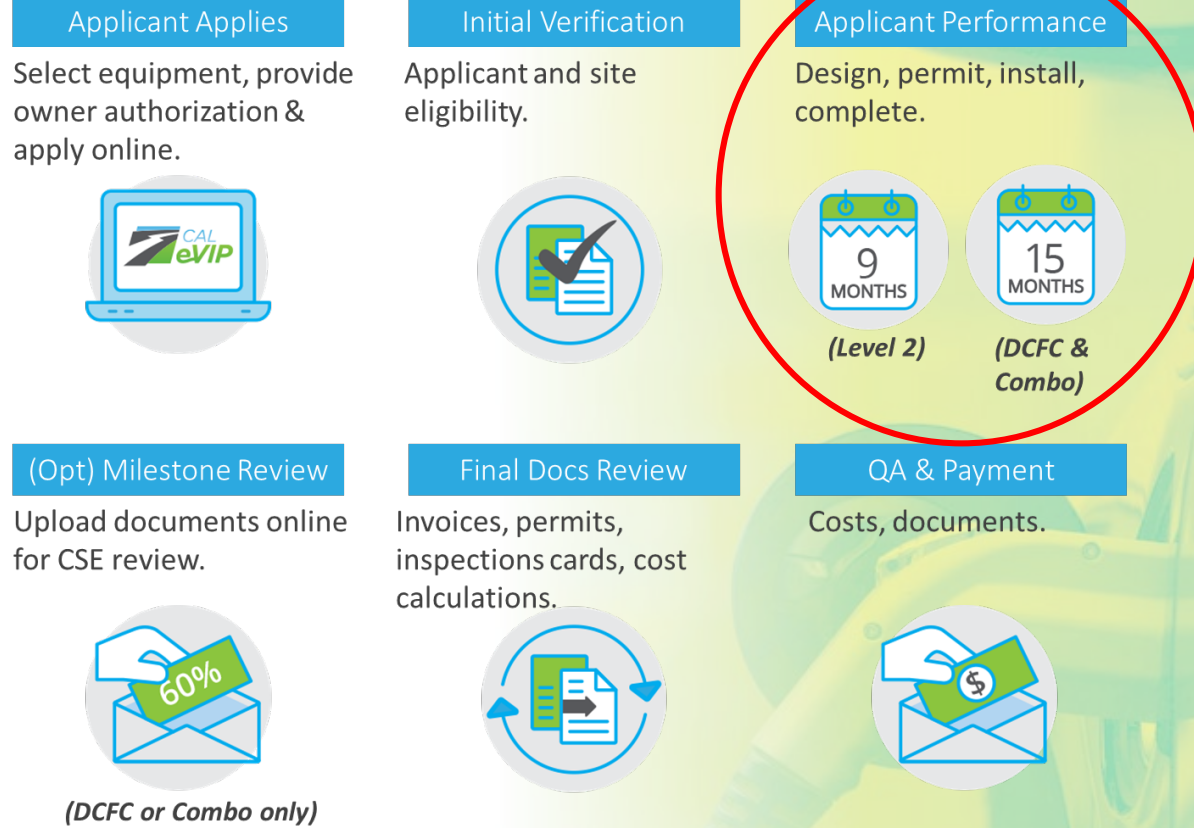
Opportunities for Improvement 1 of 4



- **Site Verification Form (SVF)**
 - Reduce the number of days required to provide SVF
 - Within 1 – 2 business days after application submission
 - **GOAL:** reduced fallout rate from ineligibility and increase speed of initial verifications for eligible EVI projects

Application Processing

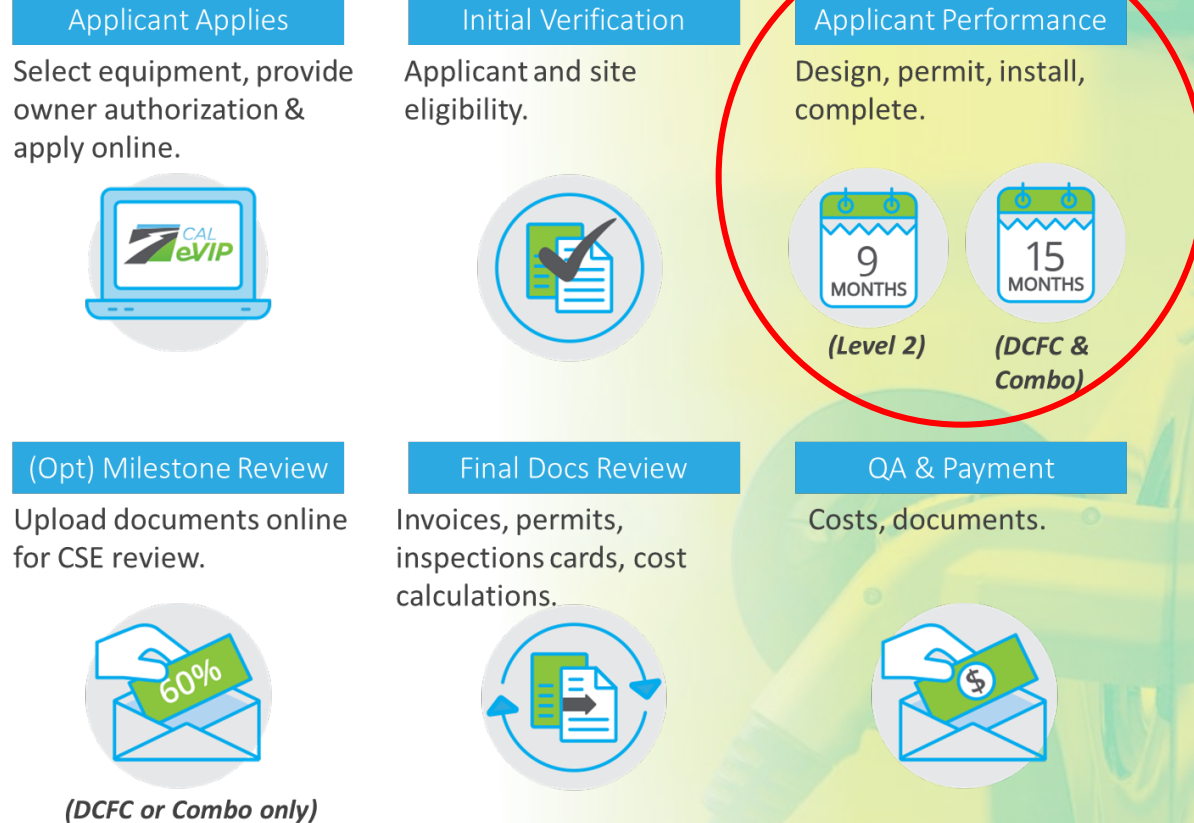
Opportunities for Improvement 2 of 4



- **Additional Checkpoint Reviews**
 - 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
 - **GOAL:** Reduce chance of extensions and cancellations very late in the application lifecycle

Application Processing

Opportunities for Improvement 3 of 4

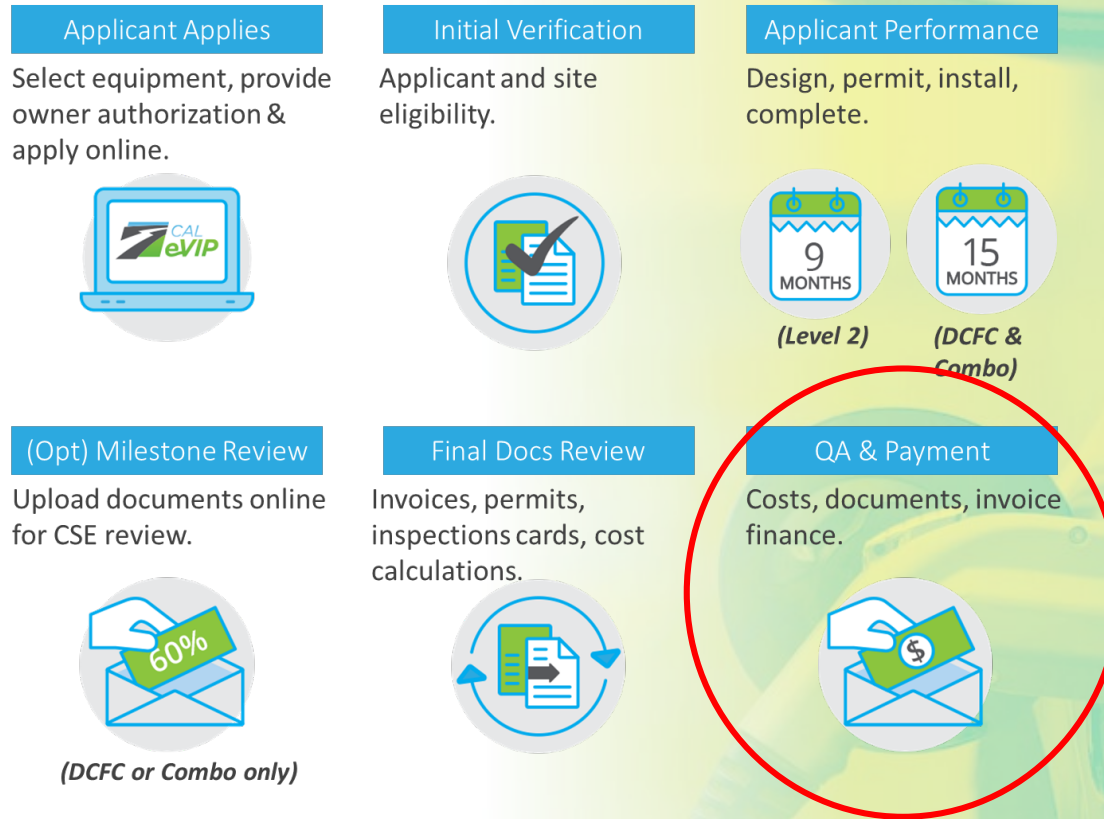


- **Questions on Checkpoint Review Design**

- For Level 2 is 6 months correct time for permit in hand, too early or too late?
- For DCFC/Combo is 11 months correct time for permit / utility service order in hand, too early or too late?
- Should cancellation for failure to meet the check point be implemented? Yes or no?

Application Processing

Opportunities for Improvement 4 of 4



- 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

	Base	DAC/LIC rebate or adder	MUD Adder	Rural, currently Sonoma Coast Only
Level 2	\$3,500 per connector or up to 75% of project cost, whichever is less (\$1,000 decrease)	\$500 adder (No Change)	\$2,000 adder (\$1,000 increase)	\$1,000 adder (No Change)
50kW – 99.9kW DCFC	\$30,000 per charger or up to 75% of project cost, whichever is less (\$20,000 decrease)	\$40,000 per charger or up to 75% of project cost, whichever is less (\$20,000 decrease)	N/A	N/A
100kW + DCFC	\$70,000 per charger or up to 75% of project cost, whichever is less (No Change)	\$80,000 per charger or up to 75% of project cost, whichever is less (No Change)	N/A	N/A



CALeVIP Rebate Levels: Comments

Public Comment – 15 mins

	Base	DAC/LIC rebate or adder	MUD Adder	Rural, currently Sonoma Coast Only
Level 2	\$3,500 per connector or up to 75% of project cost, whichever is less (\$1,000 decrease)	\$500 adder (No Change)	\$2,000 adder (\$1,000 increase)	\$1,000 adder (No Change)
50kW – 99.9kW DCFC	\$30,000 per charger or up to 75% of project cost, whichever is less (\$20,000 decrease)	\$40,000 per charger or up to 75% of project cost, whichever is less (\$20,000 decrease)	N/A	N/A
100kW + DCFC	\$70,000 per charger or up to 75% of project cost, whichever is less (No Change)	\$80,000 per charger or up to 75% of project cost, whichever is less (No Change)	N/A	N/A





Better Serving Priority Populations

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

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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=UW1XTTF3OXIwRVZyYUFNZ1FvU0xoZz09>

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

