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Submitted On: 6/26/2020  
Docket Number: 17-EVI-01*

**Presentation for the Peninsula-Silicon Valley Incentive Project  
Requirements Webinar**

*Additional submitted attachment is included below.*

# Getting Ready for EVI Incentives: Peninsula-Silicon Valley Incentive Project Requirements

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June 23, 2020

## *Introductions*

### Moderator

Nicole Appenzeller, Center for Sustainable Energy

### Speaker

Divya Mathur, Center for Sustainable Energy

### Panelists

Brian Fauble, California Energy Commission

Hiromi Kelty, City of Palo Alto Utilities

Rafael Reyes, Peninsula Clean Energy

Kevin Meehan, San José Clean Energy

Justin Zagunis, Silicon Valley Clean Energy

Heather Heinbaugh, Silicon Valley Power



# Agenda

- Welcome
- CALeVIP Background
- COVID-19 Message
- Peninsula-Silicon Valley Incentive Project Final Requirements
- Question & Answer Session



## Note for this Webinar

- Due to high traffic, you may experience technical difficulties during this presentation. We apologize for potential delays or compromised presentation quality.
- If you miss any part of this presentation or have follow-up questions, please contact us at [psv-calevip@energycenter.org](mailto:psv-calevip@energycenter.org).
- This presentation will be sent to all attendees within a week of this webinar.



# Getting Ready for EVI Incentives: Peninsula-Silicon Valley Incentive Project Requirements

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Divya Mathur  
Project Coordinator, CALeVIP

## CALeVIP Background

- 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 Background

- CALeVIP vs. incentive projects within CALeVIP
  - CALeVIP is the platform for all incentive projects
  - Incentive projects within CALeVIP are geographically targeted
- Total funding for active projects: \$73.5 million



# CALeVIP Background - Projects



Incentive Project	Launch Date	Counties	Funding	Technologies
<b>Fresno County</b>	December 2017	Fresno	\$4 million	Level 2
<b>Southern California</b>	August 2018	Los Angeles Orange Riverside San Bernardino	\$29 million	DC Fast Chargers
<b>Sacramento County</b>	April 2019	Sacramento	\$15.5 million*	Level 2 & DC Fast Chargers
<b>Northern California</b>	May 2019	Shasta Humboldt Tehama	\$4 million	Level 2 & DC Fast Chargers
<b>Central Coast</b>	October 2019	Monterey Santa Cruz San Benito	\$7 million**	Level 2 & DC Fast Chargers
<b>San Joaquin Valley</b>	December 2019	San Joaquin Kern Fresno	\$14 million	Level 2 & DC Fast Chargers
<b>Sonoma Coast</b>	July 2020	Sonoma Mendocino	\$6.75 million***	Level 2 & DC Fast Chargers
			<b>Total: \$80.25 million</b>	

\*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 three years.

\*\*\*Includes SCP's \$1.5 million investment and NSCAPCD's \$150,000 investment.

## COVID-19 Message



### Status Update

- The California Energy Commission, Center for Sustainable Energy and other organizations supporting CALeVIP are monitoring COVID-19 from multiple information sources and aim to develop appropriate responses.
- 2020 projects scheduled for summer and fall are anticipated to launch as scheduled.

### Case-by-Case Application Extensions

- We recognize that installation projects require coordination across various companies, utilities and agencies that may currently be impacted by closures or have reduced capacity at this time.
- If these issues will cause delays beyond your project's expiration date, please contact us. We will be granting extensions on a case-by-case basis.

## COVID-19 Message

- Essential Services
  - Fuel providers, including electric vehicle chargers, are “essential services.”
- Future Updates
  - Any changes will be communicated as soon as possible via email. Please subscribe to the email list on [CALEVIP.org](https://calevip.org) to receive the latest information.
  - To contact us, please call 858-429-205 or email [calevip@energycenter.org](mailto:calevip@energycenter.org).



## *Poll Question*

To better understand current conditions and inform how CALeVIP might best respond, we want to hear how your business has been affected.

How has your business been impacted by COVID-19?



*Upcoming Project*

## Peninsula-Silicon Valley Incentive Project Launching Fall 2020



## Funding Regions

Funding Region	Geography
San Mateo County	San Mateo County
City of Palo Alto	City of Palo Alto
City of San José	City of San José
City of Santa Clara	City of Santa Clara
Santa Clara County	Remainder of Santa Clara County: Campbell, Cupertino, Gilroy, Los Altos, Los Altos Hills, Los Gatos, Milpitas, Monte Sereno, Morgan Hill, Mountain View, Saratoga, Sunnyvale, Unincorporated Santa Clara County



## Project Definitions

### **Disadvantaged community (DAC)**

CalEnviroScreen 3.0 score of 75% or higher

### **Low-income community (LIC)**

AB1550 – Census tracts at or below 80% statewide median income



# Peninsula-Silicon Valley Incentive Project Funding

## Year 1 Funding

Region	DCFC Funding	Level 2 Funding	Total
San Mateo County	\$12,000,000	\$4,000,000	\$16,000,000
City of Palo Alto	\$1,000,000	\$465,000	\$1,465,000
City of San José	\$7,000,000	\$3,866,860	\$10,866,860
City of Santa Clara	\$4,000,000	\$1,000,000	\$5,000,000
Santa Clara County	\$6,000,000	\$2,580,000	\$8,580,000

A minimum of 25% of both Energy Commission and partner funding is required to be invested in DAC/LIC applications in the cities of San José and Santa Clara. This minimum investment is by technology type (DCFC, Level 2).



# Peninsula-Silicon Valley Incentive Project Funding



Region	Fiscal Year	Level 2 Funding
San Mateo County	2021-2022	\$2,000,000
	2022-2023	\$2,000,000
City of Palo Alto	2021-2022	\$465,000
City of San José	2021-2022	\$2,853,140
City of Santa Clara	2021-2022	\$1,000,000
	2022-2023	\$1,000,000
	2023-2024	\$1,000,000
Santa Clara County	2021-2022	\$1,500,000
	2022-2023	\$1,500,000

## DCFC Rebate Amounts

DCFC Power Level	General Market Rebate	DAC/LIC Rebate
50kW+	Up to \$50K or 75% of the total project cost, whichever is less	Up to \$60K or 75% of the total project cost, whichever is less
100kW+	Up to \$70K or 75% of the total project cost, whichever is less	Up to \$80K or 75% of the total project cost, whichever is less



## Level 2 Rebate Amounts

Rebate Per Connector	Adders Per Connector	
	MUD	DAC/LIC
Up to \$4,500 or 75% of the total project cost, whichever is less	\$1,000	\$500



## Charger Limits Per Site

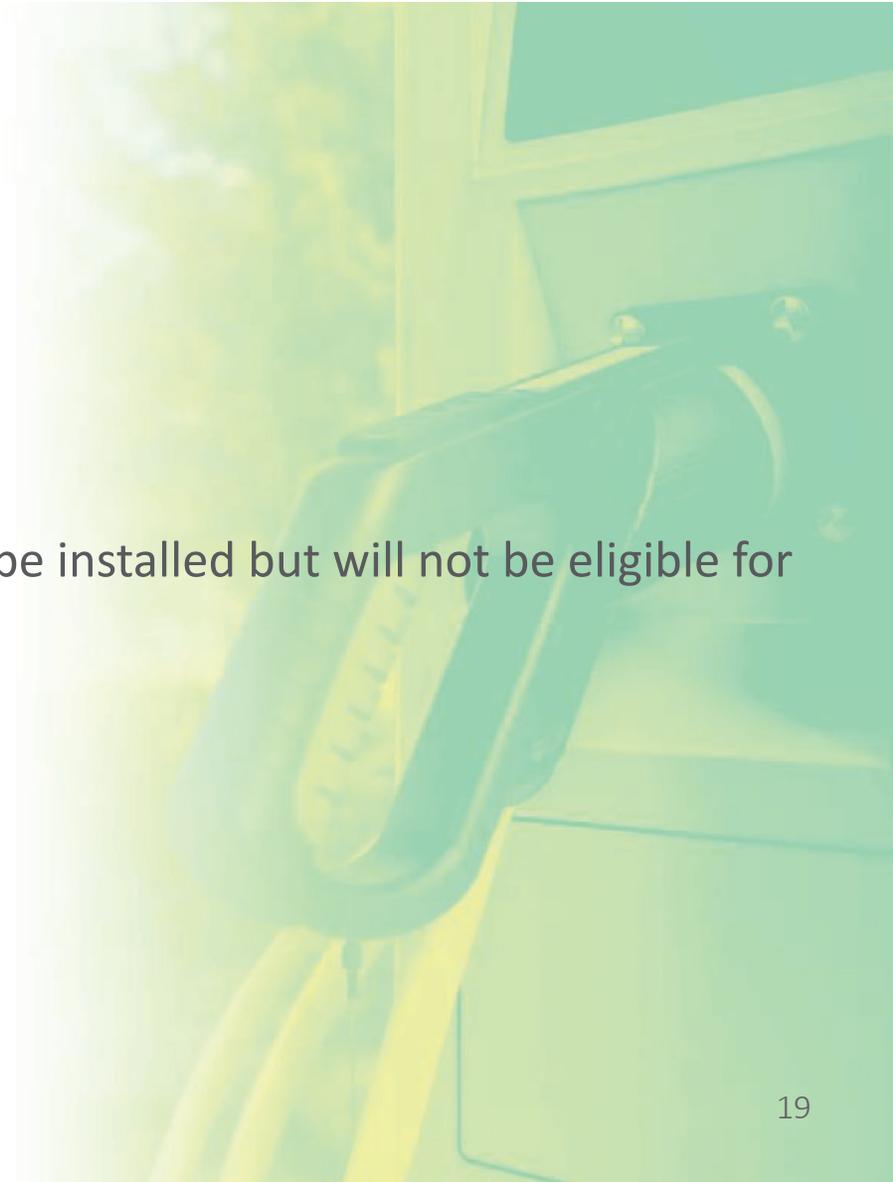
### DC Fast Chargers

- 1-6 chargers

### Level 2 Connectors

- 1-20 connectors

Additional chargers may be installed but will not be eligible for funding from CALeVIP.



## Rebate Cap Limits

### County-level dollar cap on applicants' active applications

- A cap on the dollar amount of active applications is set for applicants.
- Once an application is completed and paid, then the applicant is eligible to apply for more funds.
- Active cap limit per applicant in San Mateo County, City of San José, Santa Clara County and City of Santa Clara is \$720,000.
- Active cap limit per applicant in City of Palo Alto is \$480,000.



## 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 - Applicants

- To be eligible for Peninsula Clean Energy (PCE) funds, the installation site must be a PCE customer and in San Mateo County.
- To be eligible for San José Clean Energy (SJCE) funds, the installation site must be a SJCE customer and in the City of San José.
- To be eligible for Silicon Valley Clean Energy (SVCE) funds, the installation site must be an SVCE customer and in Santa Clara County (except cities of Palo Alto, San José and Santa Clara).



## Eligibility - Applicants

- To be eligible for City of Palo Alto Utilities (CPAU) funds, the installation site must be a CPAU customer and in the City of Palo Alto.
- To be eligible for Silicon Valley Power (SVP) funds, the installation site must be an SVP customer and in the City of Santa Clara.



## Eligibility – DCFC Site Locations

- 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 hubs
- Curbside\*
- Publicly available parking garages and surface lots (not workplace parking)

*\*Must coordinate with the city or county in advance.*



## Eligibility – DCFC Site Locations

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



## Eligibility – Level 2 Site Locations

- Installation site must be inside the project’s defined region.
- Must be shared use
- Many site types are eligible:
  - Multi-unit dwellings
  - Schools
  - Hospitals
  - Public agency sites
  - Workplaces
  - Tribal lands
  - Light-duty fleets



## 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



## Site Verification Form

### Important Items to Know

- Site Verification Form (SVF) is now required for all applications.
- SVF must be uploaded within **five calendar days of application submittal or the application will be canceled.**
- The SVF will be available on the incentive project landing page prior to project launch.
  - We recommend applicants complete the SVF in advance to ensure no holdups in getting necessary signatures.
  - Contact CSE staff if you have questions or need assistance completing the form.



# Site Verification Form



### INSTALLATION ADDRESS

The Installation address must match the Installation address entered on the online application form. Discrepancies will delay your application during processing.

Installation Street Address:

City:  State:  ZIP Code:

### APPLICANT ORGANIZATION

The Applicant Organization is the entity or organization that will receive the rebate payment. Please note that the Applicant Organization must incur project costs to be eligible for the rebate.

The Applicant Organization Name below must match the Applicant Organization Name you entered on the online application form.

Applicant Organization Name:

Please provide the following contact information for an individual that represents the Applicant Organization and can answer follow up application questions if needed.

Contact Name (first and last):

Phone:  Email:

Applicant Organization hereby represents and warrants to CSE that: (1) all the information provided above is true and correct; and (2) the individual signing below is duly authorized by Applicant Organization to execute and submit this Site Verification Form to CSE on behalf of Applicant Organization. Applicant Organization acknowledges and agrees that CSE is relying on Applicant Organization's foregoing certifications in reviewing and approving the Application.

Signature of Authorized Representative of Applicant Organization:

Printed Name:

Please clearly write the first and last name of the person signing above.

Title:  Date:



CSE- CALeVIP-042020

# Site Verification Form

### PROPERTY OWNER

Please provide the name of the company, city, trust, or individual that owns the property.

Property Owner Name: \_\_\_\_\_

Please provide the following contact information for the Property Owner or a representative of the Property Owner who can answer follow up application questions if needed.

Contact Name (first and last): \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Please provide the full installation address in the section below, including street address, city, state and ZIP code.

Property Owner hereby represents and warrants to CSE that: (1) the Property Owner is the vested owner of the real property located at \_\_\_\_\_ ("Property"); (2) the Property Owner has consented to Applicant's installation of certain EV charging station equipment at the Property; and (3) the individual signing below is duly authorized to execute and submit this Site Verification Form to CSE on behalf of Property Owner. Property Owner acknowledges and agrees that CSE is relying on the foregoing certifications in reviewing and approving the Application.

Signature of Authorized Representative of Property Owner: \_\_\_\_\_

Printed Name: \_\_\_\_\_  
Please clearly write the first and last name of the person signing above.

Title: \_\_\_\_\_ Date: \_\_\_\_\_



## Equipment Requirements - DCFC

- Must have both CHAdeMO and SAE CCS Combo connectors
- $\geq 50$  kW
- Must be networked (Wi-Fi/cellular/LAN)
  - Equipment and network must have remote diagnostics and be capable of remote start.
  - System must be capable of usage data collection.
  - Minimum five-year networking agreement, eligible toward total project cost.



## Equipment Requirements - DCFC (cont.)

- Must accept multiple forms of payment (NFC, app, toll-free phone, etc.)
- Publicly available DCFCs that charge a fee and are installed or open for public use on or after January 1, 2022, **will be required by law to have a credit card EMV reader on the charger or on a kiosk servicing the charger.**
- Must be certified under the Nationally Recognized Testing Laboratory (NRTL) Program
- Must be able to revert to an open communication protocol standard



## Equipment Requirements – Level 2

- Must have a J1772 connector
- $\geq 6.2$  kW capable per connector
- Must be ENERGY STAR<sup>®</sup> certified
- Must be networked
  - Equipment and network must have remote diagnostics and be capable of remote start.
  - Must be capable of session usage data collection.
  - Minimum two-year networking agreement, eligible towards total project cost.



## Equipment Requirements – Level 2 (cont.)

- If payment is required, must accept some form of credit cards and multiple forms of payment.
  - Publicly available Level 2 chargers that charge a fee and are installed or open for public use on or after January 1, 2023, **will be required by law to have a credit card EMV reader on the charger or on a kiosk servicing the charger(s).**
- Must be certified under the Nationally Recognized Testing Laboratory (NRTL) Program
- Must be able to revert to an open communication protocol standard



# DCFC or Combination Rebate Process



## STEP 1

Select equipment, apply online and provide SVF within five calendar days.



## STEP 3

Rebate funds reserved. You have 15 months to complete your project.



## STEP 2

CSE reviews application to confirm eligibility.



## STEP 4

Provide evidence of permit submittal or utility design submittal within 60 calendar days of Funds Reserved date.



# DCFC or Combination Rebate Process

## STEP 5

Upload documents online  
for CSE review.



## STEP 6

Design & permitting done –  
receive up to 60% of rebate.



## STEP 7

Project completed – receive  
remaining payment.



# Level 2 Rebate Process

## STEP 1

Select equipment, apply online and provide SVF within 5 calendar days.



## STEP 2

CSE reviews application to confirm eligibility.



## STEP 3

Rebate funds reserved. You have 9 months to complete your project.



# Level 2 Rebate Process

## STEP 4

Provide evidence of permit submittal or utility design submittal within 60 calendar days of Funds Reserved date.



## STEP 5

Upload documents online for CSE review.



## STEP 6

Project completed – receive remaining payment.



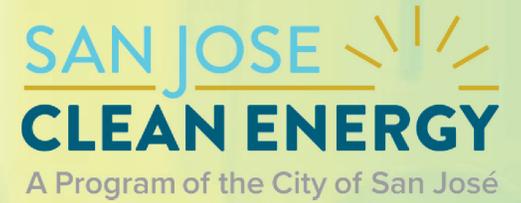
## Application Completion Deadline

Each application must be completed before the deadline, which starts when the application funds are reserved.

- Applicants should communicate with the necessary utility provider from the beginning of their project.
- **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.



Peninsula-Silicon  
Valley Partnerships



*Powering* The Center of What's Possible



## EV Charging Technical Assistance Program

### Eligible customers

- Multifamily properties
- Nonprofits & schools

### Services

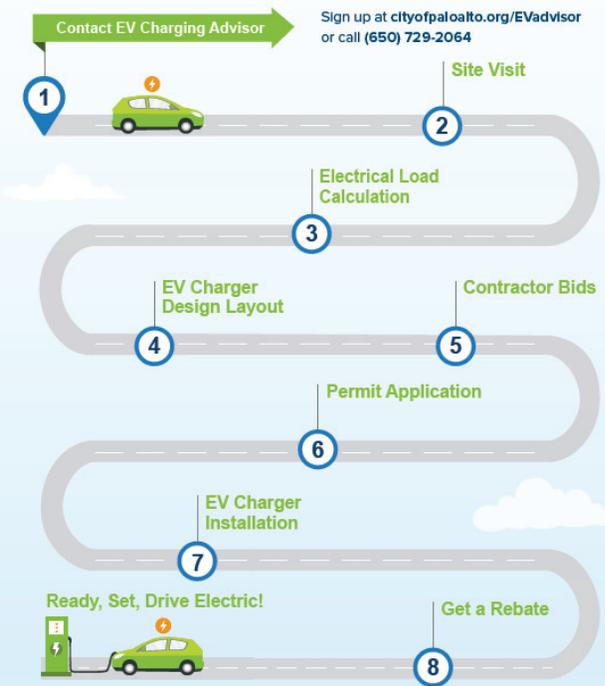
- Free end-to-end advice
- Load calculations
- Coordination with city departments
  - Planning (parking ordinance, ADA requirements, permits)
  - Utilities (transformer details)
- Preliminary designs
- Price estimates and contractor bid navigation



## INTRODUCING PALO ALTO'S NEW EV CHARGING ADVISOR

Installing an electric vehicle (EV) charger is now easier than ever. Refer schools, non-profits and multifamily properties to the City of Palo Alto Utilities' new EV Charging Technical Assistance Program. This free service will help property owners get rebates and complete successful EV charger installations.

### GET STARTED WITH THESE STEPS



# City of Palo Alto Utilities

## EV Charger Rebate Program

- Up to \$8,000 per connector
- Up to 10 connectors
- MUDs: 75% of total project costs
- Nonprofits: 100% of total project costs
- Installations must be in shared parking spaces

## Transformer Upgrades

- Residential: \$10,000
- Commercial: \$100,000
  - Minimum of 10 connectors or fully wired EVSE ready outlets

Program Leads:

Hiroimi Kelty, [Hiroimi.kelty@cityofpaloalto.org](mailto:Hiroimi.kelty@cityofpaloalto.org)

Shiva Swaminathan, [Shiva.Swaminathan@cityofpaloalto.org](mailto:Shiva.Swaminathan@cityofpaloalto.org)

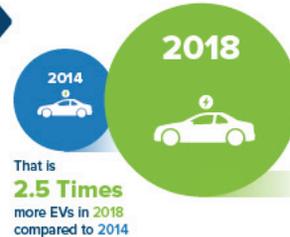
[CityofPaloAlto.org/EV](http://CityofPaloAlto.org/EV)



## Join the Palo Alto EV Community



### EVs in Palo Alto



### Public Chargers in Palo Alto



### EV Miles Driven



Palo Alto public chargers have enabled

**1.4 million EV miles**

That's like driving around the world **56 Times**

# Peninsula Clean Energy

## EV Ready Program

### Overview

- Targets 3,500 installed ports in San Mateo County over 4-years
- Includes:
  - *Free* technical assistance
    - Preliminary design, estimates, contractor assistance
    - Open today
  - Negotiated pricing on EVSE stations
    - RFQ to be released this week
    - Confirmed agencies: CPAU, EBCE, MBCP, SCP, SJCE, SVCE
  - Additional \$4M incentive pool
    - Detail on next slide



# Peninsula Clean Energy

## EV Ready Program – Incentives Detail

### Peninsula Clean Energy EV Charger Incentives

- \$4M dedicated funding (separate from CALeVIP):
  - L1 & power managed L2 charging
  - Dedicated parking at multi-unit dwellings eligible
  - Additional Affordable Housing support
  - Make Ready projects
- Launch late summer 2020

To receive technical assistance or for more information about additional rebates and equipment discounts, please visit [PeninsulaCleanEnergy.com/ev-ready](https://PeninsulaCleanEnergy.com/ev-ready)

Questions about your charging project? Contact PCE at 650-449-8561 or [PCE-EVReady@CLEAResult.com](mailto:PCE-EVReady@CLEAResult.com)

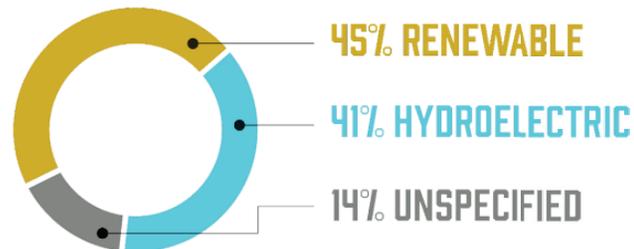


# San José Clean Energy

- Community choice energy provider for San José, operated by the city
- Provides residents and businesses cleaner and cheaper energy
- Plays a crucial role in Climate Smart San José
- CALeVIP will double EV charging accessibility in San José
  - At least 25% of these new chargers will be installed in low-income and disadvantaged communities.

## 2020 Power Mix

**86% CARBON FREE**



Program Lead:

**Kevin Meehan**

[kevin.meehan@sanjoseca.gov](mailto:kevin.meehan@sanjoseca.gov)

[SanJoseCleanEnergy.org](http://SanJoseCleanEnergy.org)



## San Jose Clean Energy

### Drive Electric San José

- [sanjosecleanenergy.org/drive-electric](https://sanjosecleanenergy.org/drive-electric)
- Dealer discount originally scheduled for spring 2020
  - Five dealerships offering discounts on seven EV models
  - Total savings up to \$13,500 of MSRP
  - Plans to launch August 2020

### EV and Financial Literacy Workshops

- Free financial counseling and EV education for low-income customers
- Partnership with Peninsula Family Services
- Launches fall 2020



# Silicon Valley Clean Energy



- Serving 13 communities in Santa Clara County
- Providing 100% carbon-free electricity, at lower rates
- Focus on innovation and decarbonization through programs
- Learn more at [svcleanenergy.org](https://svcleanenergy.org)

## Priority Zone DCFC Incentive Program

- \$10k per charger of additional incentives (stackable with CALeVIP)
- For sites that best support multifamily housing residents living in identified “priority zone” clusters
- Competitive evaluation process
- Application window closes July 31
- Apply now at [svcleanenergy.org/dcfastchargers](https://svcleanenergy.org/dcfastchargers)

## Silicon Valley Clean Energy



### Silicon Valley Transportation Electrification Clearinghouse

- Collaboration of public, private and nonprofit leaders
- Network providing guidance and addressing critical barriers
- Currently running a **Regional Recognition** program to find and promote best practices – apply today!

[svcleanenergy.org/svtec](http://svcleanenergy.org/svtec)

### Multifamily and Small/Medium Business Technical Assistance

- Target, educate and facilitate EV infrastructure planning and deployment in these sectors
- Free concierge support to guide site hosts through the entire process
- Refer to CALeVIP and other incentive offers as applicable
- Connect participants with vendors to receive quality bids
- Let us know if you're in contact with sites that could use our support

[info@svcleanenergy.org](mailto:info@svcleanenergy.org)

## *Silicon Valley Power*

### Our Mission

We are dedicated to our community, customers and employees. We provide safe, reliable, affordable and sustainable energy services with exceptional customer focus.

- Municipal electric utility for the City of Santa Clara
- Regulated by city council
- 10 square miles
- 57,165 customers



## Current Available Stackable Rebates

### Multifamily Units

- Up to \$3,000 per charging station (six maximum)

### Low-Income Family Units

- Grant amounts up to \$1,000 per charging station per 10 shared parking spaces
- Maximum of six grants

### Schools and Nonprofits

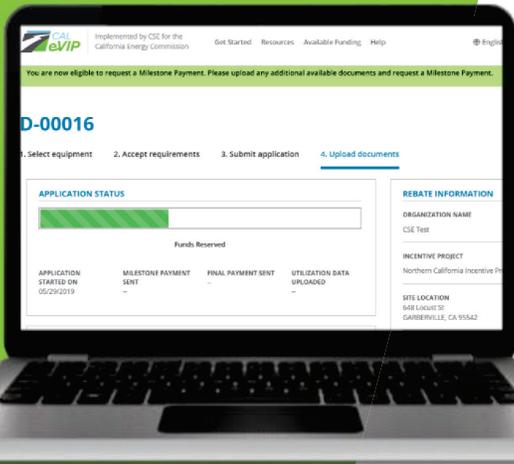
- Up to \$5,000 per charging station
- Max five charging stations

Contact SVP at [cutcosts@svpower.com](mailto:cutcosts@svpower.com) or (408) 244-7283

*\*Programs are subject to change at any time*



## Key Project Features



## Applicant Dashboard

- Create an account
- Apply and view all applications
- Upload required documents online

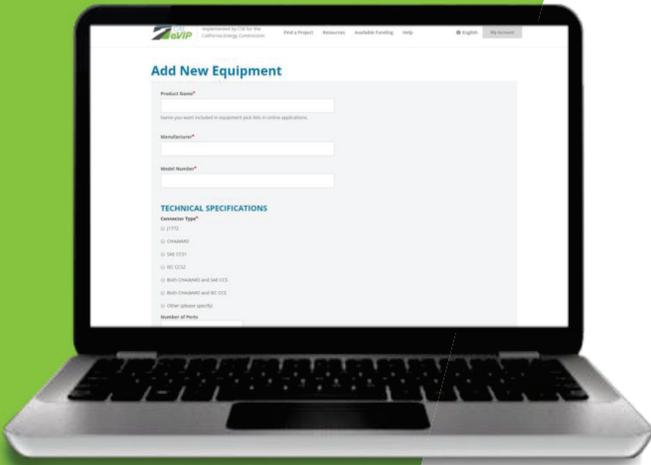
## Transaction & Reminder Emails

- Applicants notified of any application status change.

## Dedicated Hotline

- Project staff available to answer project questions on eligibility, required documentation and more.

## CALeVIP Equipment Self-Validation



### Equipment Manufacturers

- Create an account as an equipment manufacturer
- CSE reviews registration and validates equipment manufacturer status
- Dashboard now allows you to upload and view your equipment

### Submit equipment for CALeVIP projects

- Use online equipment upload form to submit equipment
  - Include specifications, cut sheets, sales contact information and photos to be used/referenced on the site

## Key Takeaways

- EVSPs, contractors and others are eligible to apply with site owner permission.
- Applications are limited by rebate caps based on county.
- Rebate funds for DCFC or combination installations may be received in milestone payments.
- Level 2 rebate funds are received in one payment after installation and final documents are received.



*Coming Soon!*

## Peninsula-Silicon Valley Incentive Project Prelaunch Webinar

- A full walk-through of the application process
- Learn more details on how to apply for EV incentives



## Question and Answer Session

### Panelists:

Brian Fauble, California Energy Commission

Hiroshi Kelty, City of Palo Alto Utilities

Rafael Reyes, Peninsula Clean Energy

Kevin Meehan, San José Clean Energy

Justin Zagunis, Silicon Valley Clean Energy

Heather Heinbaugh, Silicon Valley Power



## Q&A Session

### Questions?

Submit comments and questions through chat, and please include your business or organization name.



*Stay Connected  
with CALeVIP*

## Energy Commission's CALeVIP docket: [17-EVI-01](#)

- Submit comments anytime
- View submitted comments
- Download past presentations
- Sign up for the CALeVIP email list serve



Thank You!



## Contact us

Email: [psv-calevip@energycenter.org](mailto:psv-calevip@energycenter.org)

Phone: (408) 673-4105

*Sign up for our newsletter at [calevip.org](http://calevip.org)*

