

**DOCKETED**

<b>Docket Number:</b>	17-EVI-01
<b>Project Title:</b>	Block Grant for Electric Vehicle Charger Incentive Projects
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<b>Document Title:</b>	CAleVIP Permitting Workshop Presentation
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<b>Docketed Date:</b>	8/30/2019

# Clean Transportation Program

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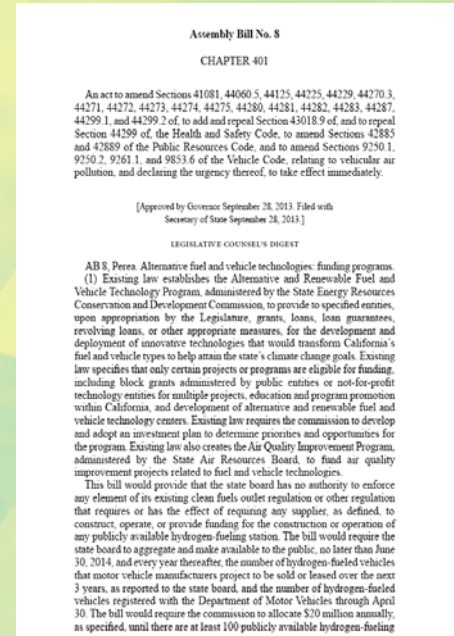


Brian Fauble  
Energy Commission Specialist II



# Clean Transportation Program

- 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 Background

- 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



# 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>	Launching October 2019	Monterey Santa Cruz San Benito	\$7 million**	Level 2 & DC fast chargers
<b>San Joaquin Valley</b>	Launching December 2019	San Joaquin Kern Fresno	\$14 million	Level 2 & DC fast chargers
<b>Total: \$73.5 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 3 years.





# 2020 Incentive Projects

## 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



# 2020 Incentive Project Pending Partnerships



## Proposed Funding

County	Region	DCFC Funding	Level 2 Funding	Total Funding (2-4 years)*	At least 25% in DAC / Low Income
San Mateo	Entire County	\$12M	\$12M*	\$24M*	No
Santa Clara	SVCE**	\$6M	\$6M*	\$12M*	No
Santa Clara	City of San Jose	\$7M	\$7M*	\$14M*	Yes
Santa Clara	City of Santa Clara	\$4M	\$4M*	\$8M*	Yes
Santa Clara	City of Palo Alto	\$1M	\$1M*	\$2M*	No
Total:		\$30M	\$30M*	\$60M*	

\*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

# San Diego County Incentive Project August 2020

## Proposed Funding

DCFC Funding	Level 2 Funding	3 Year Total	At least 25% in DAC / Low Income
\$15.8M	\$5.58M*	\$21.38M*	Yes

**\$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

County	DCFC Funding	Level 2 Funding	3 Year Total	At least 25% in DAC / Low Income
Sonoma	\$3.3M	\$2.7M*	\$6M*	No
Mendocino	\$300K*	\$450K*	\$750K*	Yes
Total:	\$3.6M	\$3.45M*	\$6.75M*	

\$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



## Eligibility – DCFC Site Locations

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

Eligible Sites	Counties				
	Santa Clara	San Mateo	San Diego	Sonoma	Mendocino
Commercial: Public	Yes	Yes	Yes	Yes	Yes
Workplace: Private/Public Shared Use	Yes	Yes	Yes	Yes	Yes
MUD: Private/Public Shared Use	Yes	Yes, and <b>Dedicated allowed</b>	Yes	Yes	Yes
Light-Duty Fleet: Private/Public Shared Use	Yes	Yes	<b>No</b>	Yes	Yes
New Construction	<b>No</b>	<b>No</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>

(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





# Application Completion Deadline

- **DCFC or Combo** installations must be completed within **15 months**
- **Level 2** installations must be completed within **9 months**



# Application Completion Deadline (cont.)

- 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



# Tentative Schedule

## Other Workshops Tentative Schedule

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



# EV Charger Installation Barriers

## Barriers to fast EV charger installations

- Site host negotiations
- Permitting
- Utility interconnection/energization



# Importance of Permit Streamlining

- California's goal of 250,000 EV chargers by 2025
  - $\geq 10,000$  DC fast chargers
- Assembly Bill 1236, 2017
- CALeVIP Timelines
  - Level 2 installations: 9 months
  - DCFC installations: 15 months



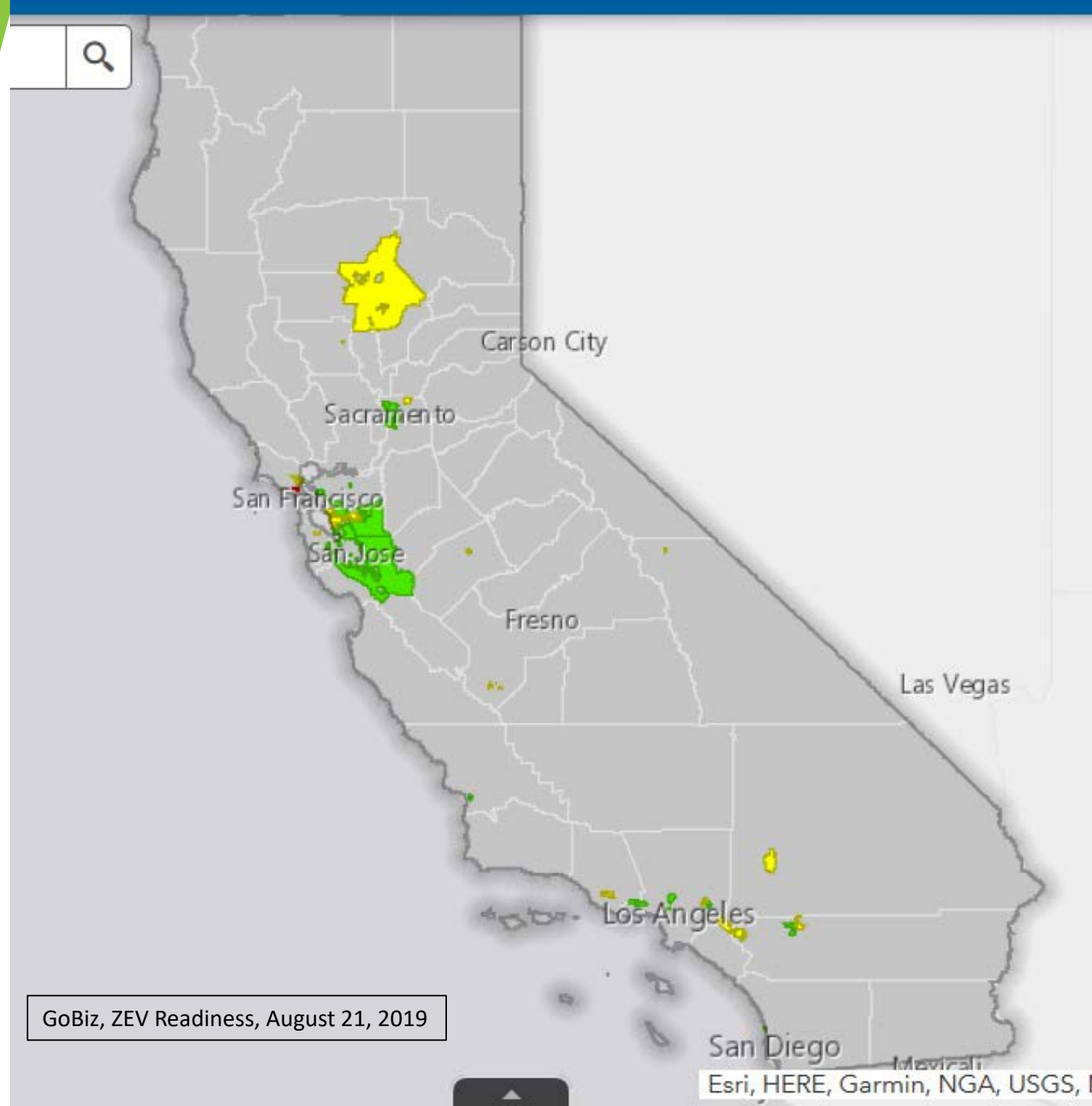
# Factors in selecting 2021 CALeVIP Incentive Project Regions

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





# EV Charging Station Permit Streamlining Map



GoBiz, ZEV Readiness, August 21, 2019



# 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/>

- Sign up for the new Energy Commission CALeVIP listserv
- Center for Sustainable Energy email [calevip@energycenter.org](mailto:calevip@energycenter.org)



Thank You!



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

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

***Recommend all comments be submitted online.***

