

DOCKETED

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IEPR Joint Agency Workshop on
Vehicle-Grid Integration & Charging
Infrastructure Funding: Session 2
CALeVIP



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Background



Implemented by CSE for the
California Energy Commission

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We recognize that EV charger installations require coordination across multiple organizations, which may be impacted by closures or reduced capacity due to COVID-19 concerns. If you anticipate delays beyond your project's expiration date due to these issues, please [contact us](#). Extensions will be granted on a case by case basis.

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](#)

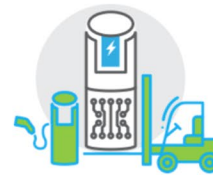
[About CALeVIP](#)



Property Owners

Start planning your project now!

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EV Charging Manufacturers & Service Providers

Provide equipment – Apply for incentives!

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www.calevip.org

CALeVIP 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	\$7 million**	Level 2 & DC fast chargers
San Joaquin Valley	December 2019	San Joaquin Kern Fresno	\$14 million	Level 2 & DC fast chargers
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.



CALeVIP 2020 Projects

Incentive Project	Launch Date	Counties	Funding	Technologies
Sonoma Coast	Launching July 8, 2020	Mendocino Sonoma	\$6.75 million*	Level 2 & DC fast chargers
Peninsula-Silicon Valley	Launching Fall 2020	San Mateo Santa Clara	\$56 million**	Level 2 & DC fast chargers
San Diego County	Launching Winter 2020	San Diego	\$21.38 million***	Level 2 & DC fast chargers
Total: \$84.13 million				

*CEC funding: \$5.1M , Partner funding: \$1.65M over three years.

**CEC funding: \$33M , Partner funding: \$23M over four years.

*** CEC funding \$15.8M , Partner funding: \$5.58M over three years



2020 Incentive Project Partnerships



NORTHERN
SONOMA COUNTY
AIR POLLUTION CONTROL DISTRICT



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



CALeVIP Evolution

- Incentive Re-design
 - Lower dollar amounts
 - 50kW rebate and 100kW+ Rebate
- Installation checkpoint reviews
 - Make sure installations stay on track
- Future considerations
 - Additional application requirements
 - Additional checkpoint reviews



CALeVIP Benefits

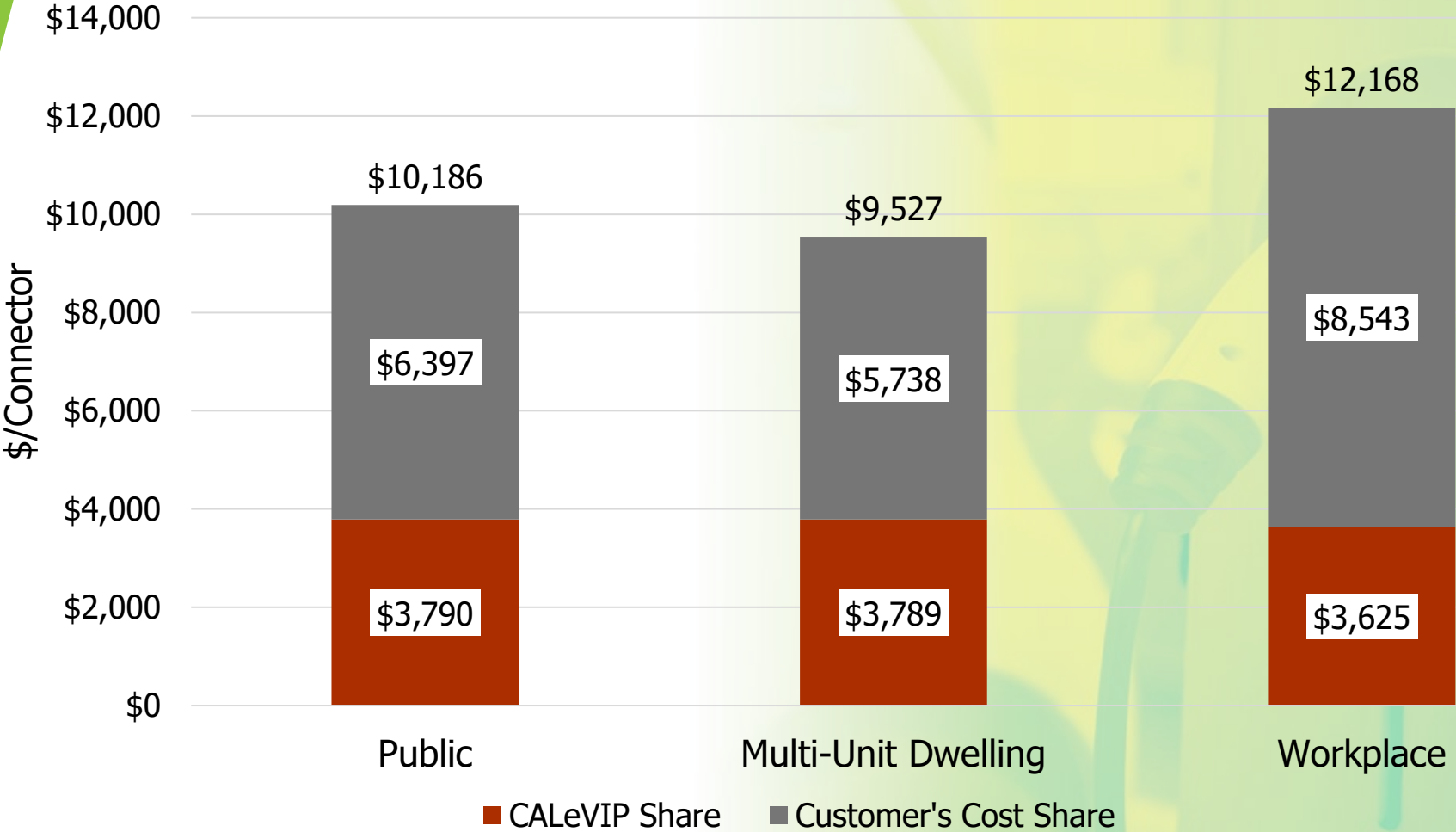
- Streamlined application process
- AB 1236 – EVSE permit streamlining
 - Considered when selecting new project regions
- Rebate is stackable with most rebate programs
- Equipment requirements are leading to market improvements



Customers are contributing about two-thirds of projects' costs.



Average Project Costs Per Level 2 Connector By Market Segment CALeVIP



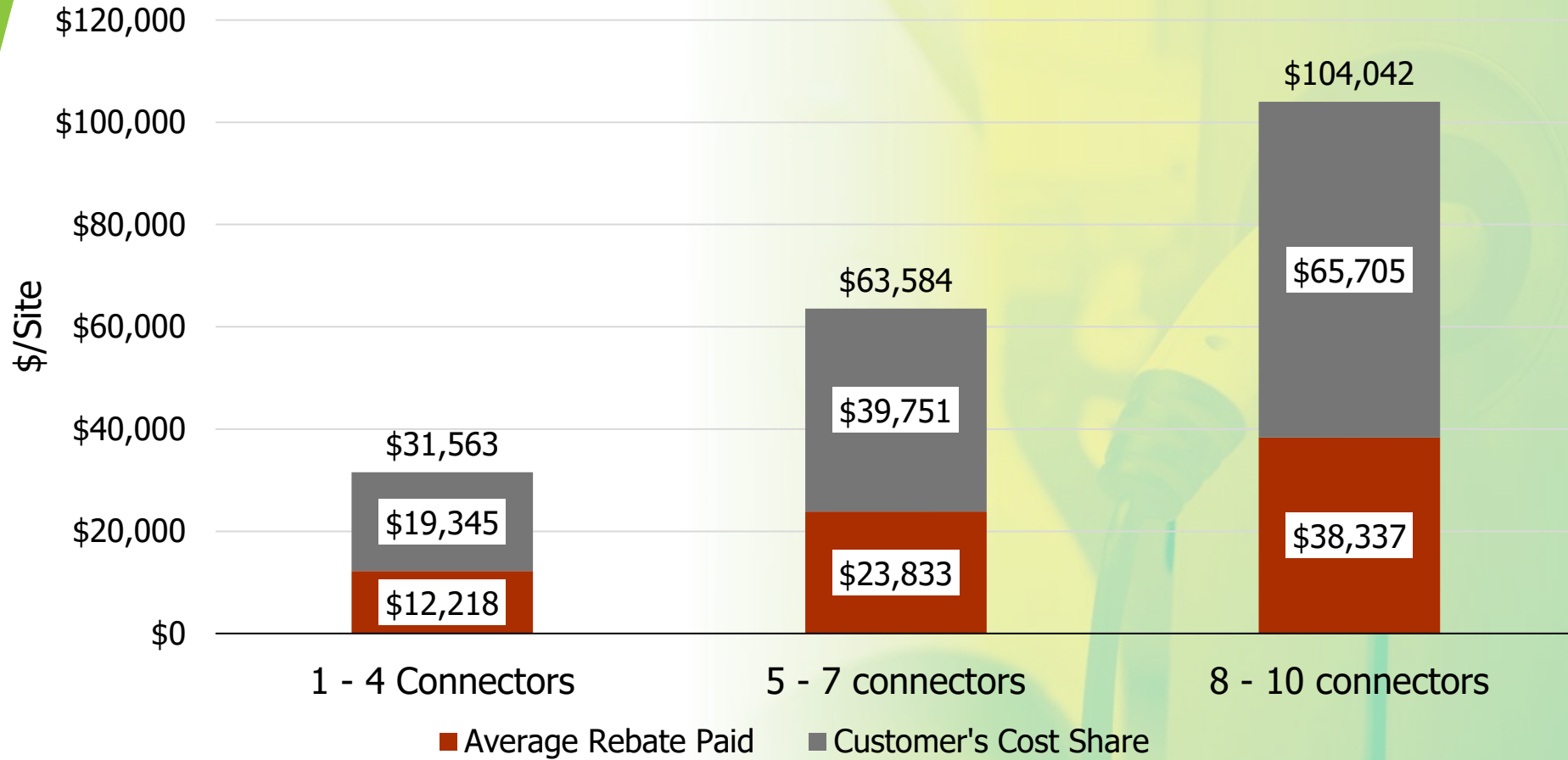
Source: Energy Commission Staff

Site-owner anticipated costs by number of connectors installed



Source: Energy Commission Staff

Average Level 2 Project Costs per Site by Connectors/Site CALeVIP

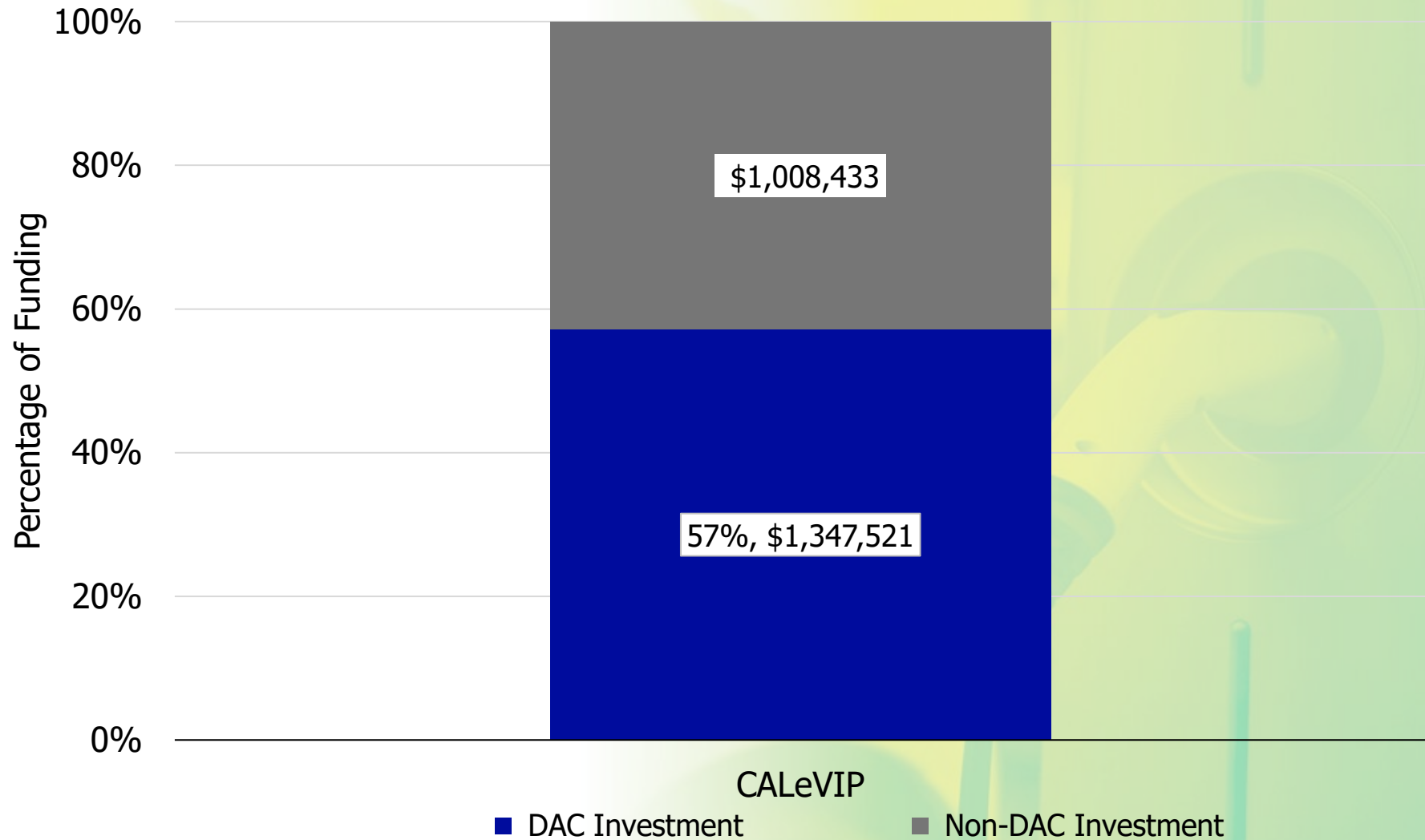


CALeVIP and Customer Investments

\$2.3 Million
Of Investment Incurred
With Level 2 Charging



Share of Investment in Disadvantaged Communities



Source: Energy Commission Staff

CALeVIP Cost Data Webpage



The screenshot shows the CALeVIP Cost Data webpage. The header includes the CA.GOV logo, social media links, and navigation menus for About, Careers, Contact, Events, Newsroom, Resources, and Settings. The main navigation bar features the California Energy Commission logo and a search bar. The breadcrumb trail reads: California Energy Commission > Programs and Topics > All Programs > Clean Transportation Program > California Electric Vehicle Infrastructure Project (CALeVIP) Cost Data. The main heading is "California Electric Vehicle Infrastructure Project (CALeVIP) Cost Data". Below this, there are two columns of data: LEVEL 2 and DC FAST CHARGERS. A descriptive paragraph follows, explaining the project's goals. A funding paragraph details the project's support from the California Energy Commission and the Center for Sustainable Energy. On the right side, there are three sections: CLEAN TRANSPORTATION PROGRAM (with links to Overview, Investment Plans, Funding Areas, and Advisory Committee), CONTACT (with a link to Fuels and Transportation Division), and RELATED LINKS (with a link to Block Grant for Electric Vehicle Charger Incentive Projects).

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CALIFORNIA ENERGY COMMISSION Enter keywords, e.g. Tracking Progress [Q](#)

HOME PROCEEDINGS RULES AND REGULATIONS PROGRAMS AND TOPICS FUNDING DATA AND REPORTS SHOWCASE

California Energy Commission > Programs and Topics > All Programs > Clean Transportation Program > California Electric Vehicle Infrastructure Project (CALeVIP) Cost Data

California Electric Vehicle Infrastructure Project (CALeVIP) Cost Data

LEVEL 2

- Allocated Rebate Funding: \$24,040,000
- Number of Connectors Installed: 230
- CEC Rebates Issued: \$814,059
- Total Project Costs: \$2,204,032

DC FAST CHARGERS

- Allocated Rebate Funding: \$49,460,000
- Number of Chargers Installed: 76
- CEC Rebates Issued: \$4,835,104
- Total Project Costs: \$7,622,431

The [California Electric Vehicle Infrastructure Project \(CALeVIP\)](#) addresses regional needs for electric vehicle (EV) charging infrastructure throughout California while supporting state goals to improve air quality, combat climate change and reduce petroleum use.

Funded by the [California Energy Commission \(CEC\)](#) and implemented by the [Center for Sustainable Energy \(CSE\)](#), CALeVIP provides incentives for EV charger installations and works with local partners on projects that support regional EV needs for Level 2 and direct current fast charging (DCFC). These statewide efforts provide a streamlined process for cost-effective charger installations that can reduce significant gaps in charging availability.

CLEAN TRANSPORTATION PROGRAM

- [Clean Transportation Program Overview](#)
- [Clean Transportation Program Investment Plans](#)
- [Clean Transportation Funding Areas](#)
- [Advisory Committee for the Clean Transportation Program Investment Plan](#)

California Electric Vehicle Infrastructure Project (CALeVIP) Cost Data

- [Clean Transportation Financing and Investment Initiative](#)

CONTACT

- [Fuels and Transportation Division](#)

RELATED LINKS

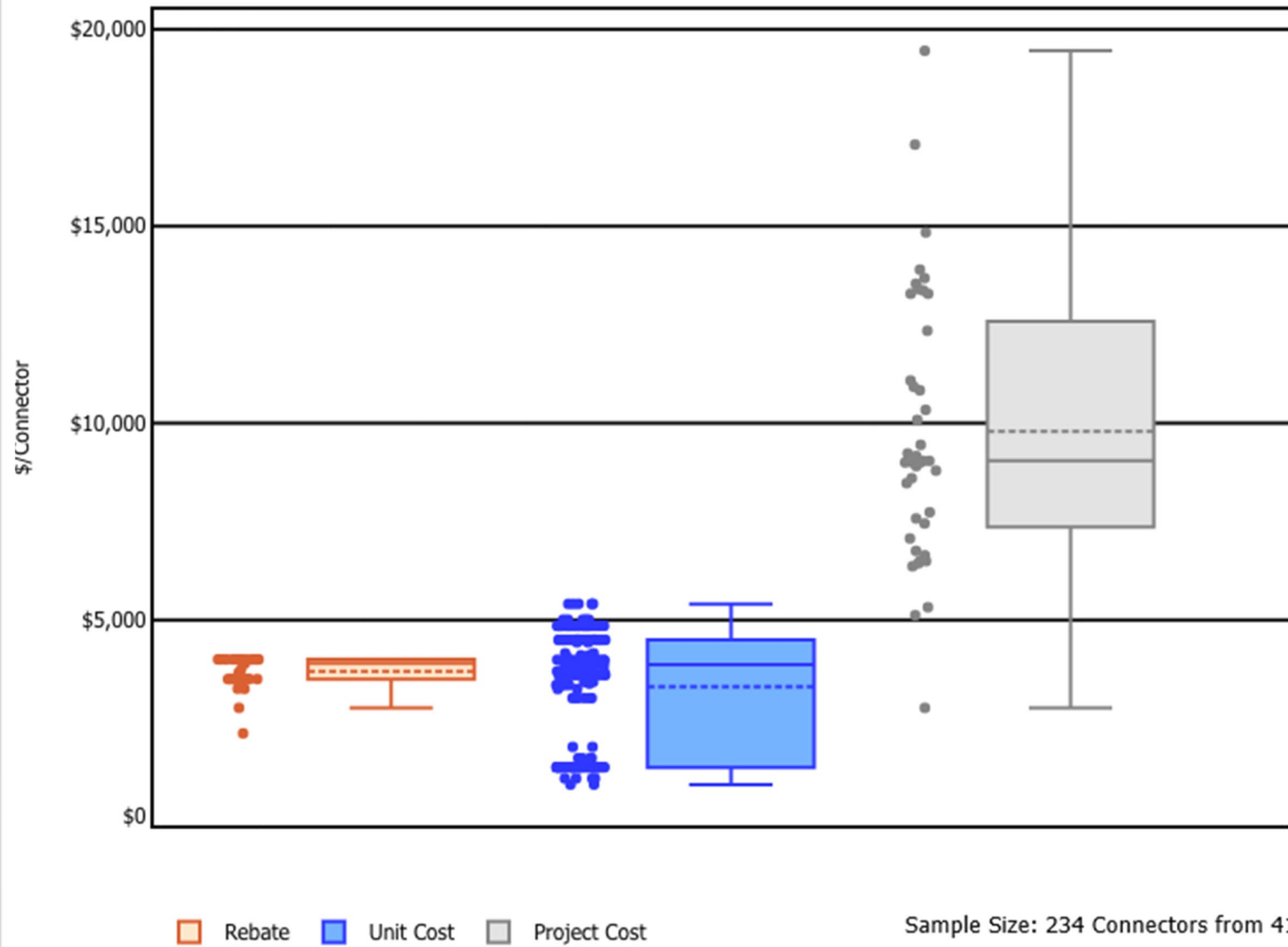
- [Block Grant for Electric Vehicle Charger Incentive Projects \(17-EVI-01\)](#)
- [CALeVIP](#)



CALeVIP Cost Data Webpage



CALeVIP Level 2 Range of Rebate and Costs per Connector

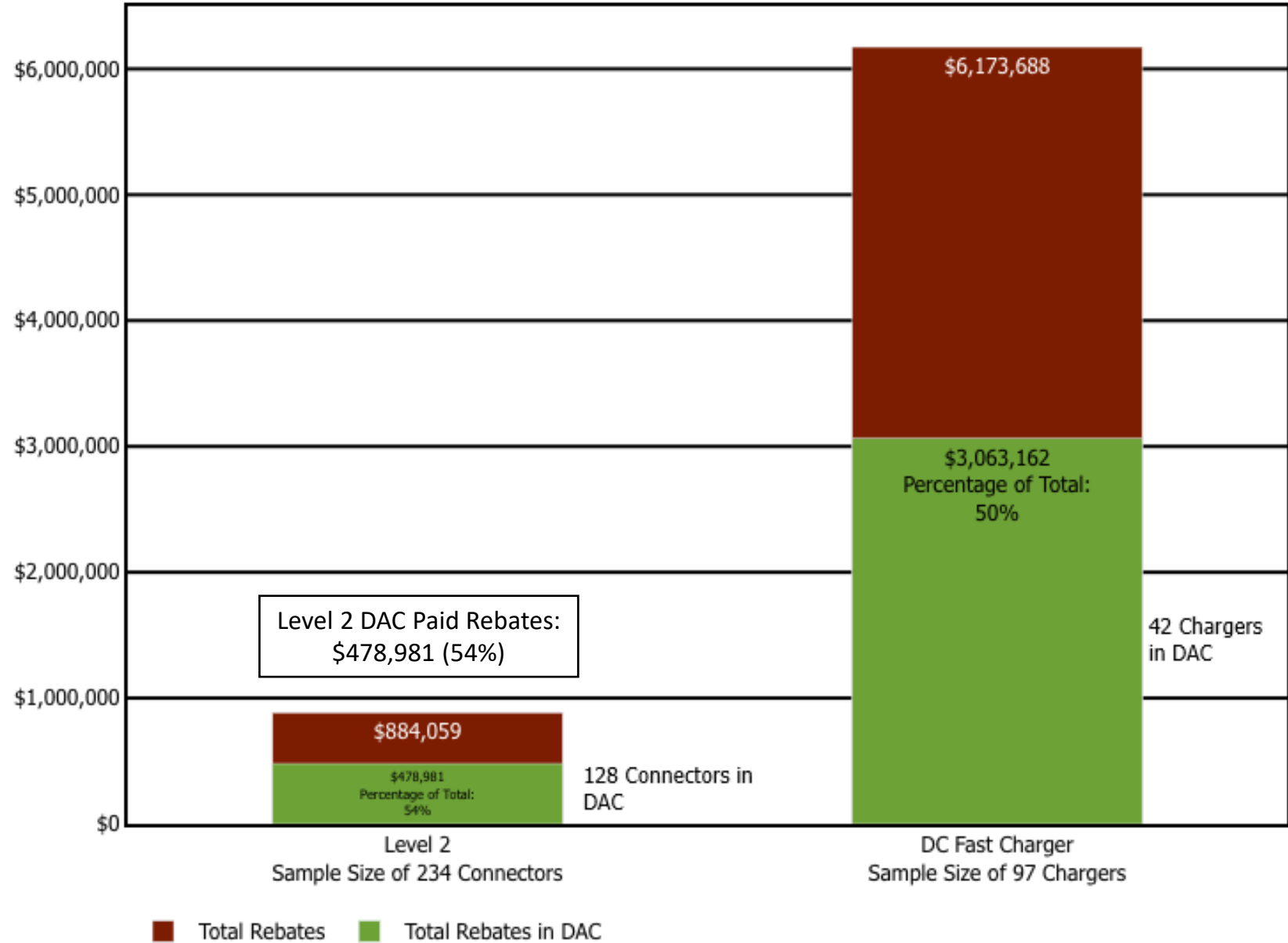


Sample Size: 234 Connectors from 41 Projects

CALeVIP Cost Data Webpage



Percentage of Rebate Funding to Projects in Disadvantaged Communities



Future CALeVIP Information

CALeVIP website: www.calevip.org

- Subscribe to always receive the latest CALeVIP information

Energy Commission Block Grant/CALeVIP docket webpage: <https://www.energy.ca.gov/proceedings/energy-commission-proceedings/block-grant-electric-vehicle-charger-incentive-projects>

Sign up for the new Energy Commission CALeVIP listserv

Center for Sustainable Energy email:

calevip@energycenter.org



Thank You



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