California’s EV Infrastructure Incentive Project

EV Roadmap – October 19, 2019

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CSE is a mission-driven nonprofit organization providing clean energy program design and management and technical advisory services.

- 501(c)(3) nonprofit organization, headquartered in San Diego, CA
- Managing ~50 projects and programs
- Wide range of programs
  - Statewide and large regional incentive projects
  - Targeted technical consulting
- Clients include
  - Local, state and federal governments
  - Utilities, businesses, schools and ports
CALeVIP Background

Goal: Implement targeted incentive projects based on region’s needs

Mechanism that speeds up installation, reporting and funding processes
CALeVIP vs Incentive Projects

- CALeVIP = Home for all Incentive Projects
- Incentive Project = Geographical targeted project

Total Active Projects: $51M

- Up to $200 million in future funding
The Challenge

Regional EV Adoption Is Outpacing Infrastructure

How can we measure projected gap to meet the Governor’s 2025 EV Goals?
Electric Vehicle Infrastructure Projection Tool (EVI-Pro)

Developed by NREL and the California Energy Commission (CEC) to estimate quantity and type of EV infrastructure

Data: personal vehicle travel patterns, EV attributes, charging station characteristics
Current CALeVIP Projects

Northern California Incentive Project
Apply to receive a rebate for your next Level 2 or DC fast charger project!
- LEVEL 2 CHARGERS & DC FAST CHARGERS (DFC)
- HUMBOLDT, SHASTA, AND TEHAMA COUNTIES
- LEVEL 2 UP TO $7,500 PER CONNECTOR, DC FAST CHARGER UP TO $80,000 PER CHARGER

Sacramento County Incentive Project
Apply to receive a rebate for your next Level 2 or DC fast charger project!
- LEVEL 2 CHARGERS & DC FAST CHARGERS (DFC)
- SACRAMENTO COUNTY
- LEVEL 2 UP TO $10,000 PER ConnectoR, DC FAST CHARGER UP TO $160,000 PER CHARGER

Southern California Incentive Project (SCIP)
Apply to receive a rebate for your next DC fast charger purchase and installation project
- DC FAST CHARGERS (DFC)
- LOS ANGELES, ORANGE, RIVERSIDE, AND SAN BERNARDINO COUNTIES
- UP TO $180,000

Fresno County Incentive Project (FCIP)
Apply to receive a rebate for your next Level 2 EV charger purchase and installation project
- LEVEL 2 CHARGERS
- FRESNO COUNTY
- UP TO $7,000
Upcoming CALeVIP projects

Central Coast Incentive Project
- Est. Launch: Q3 2019; $9M funding
- Monterey, Santa Cruz, San Benito counties
- $3M co-funding Monterey Bay Community Power

San Joaquin Valley Incentive Project
- Est. Launch: Q4 2019; $14M funding
- San Joaquin, Fresno, Kern Counties

2020 & 2021 projects – in discussions with co-funding partners
CALeVIP Co-funding Example

Regional Co-funding:
$2M-$3M
+
CEC will offer approximately:
$7M

Up to $10M in investment value

Zero cost for upfront rebate platform

Co-funding example from another region
Three Options

Create a CALeVIP regional project with your eligibility requirements and eligible costs to fit your region’s needs

1. Self funding project with incentive landing page and modifications to meet your needs
2. Co-funded incentive project between regional partners and CEC with modifications
3. CEC funded project with CEC requirements and regional input
The Opportunity is Now

Planning for all CALeVIP 2020 and 2021 projects is starting now

Sync planning process to avoid delays in electric vehicle infrastructure (EVI) build and investment

Take advantage of support in accelerating progress toward your 2025 EVI goals