

Quarterly Report

FY24 Q4 Milestones

305

L2 ports
installed
through
CALeVIP

153

L1/L2 ports
installed through
EV Charging
Incentives

1,350

completed
electrification
projects through
Home Rebates

Quarterly Report

Active Programs

See Glossary for program descriptions. Title links to program homepage (if available).

Name	Budget	Potential Impact	Cumulative Impact To-Date	Last Quarter (Update)	Next Quarter (Target)
Multifamily Retrofits (TE and BE)	\$12.5M	300 to 1,000 MF AH units electrified	2 multifamily sites enrolled	Completed initial intake for 2 sites	Develop Electrification Plans for 2 sites, continue pursuit of new sites
EV Charging Incentives	\$11.4M	80 MUDs with EVI (720 ports) 4,000 L1/L2 chargers at affordable housing	18 MUD active reservations (153 ports) 13 sites completed (149 L1/L2)	Processed 6 new MUD claims for 77 additional EV ports	Expand enrollment, adjust incentive levels and raise maximum incentive per site
Home Rebates	\$10.05M	2,800 homes fully/partially electrified	1,350 homes fully/partially electrified	Cumulative results: 604 HPWH, 885 HVAC, 48 Induction, 424 rewiring. New application portal delayed	Hit 1,700 claims. Launch new rebate and claims processes
Electrification Rate Discount	\$9.5M	5,000 customers enrolled	3,000 enrolled	Significant enrollment growth. NEM analysis completed. Synthesized learnings to-date	Finalize proposals for E-ELEC design revision. Create timeline for board presentation.
Community Energy Resilience	\$5.15M	13 agencies complete projects	4 completed agency projects	Los Altos Hills completed battery project	Monitor and reimburse agencies as projects move to completion
C&I Decarbonization Program	\$5M	8,000 metric tons of CO2e removed through carbon saving measures	38 customer leads, 3 Participation Agreements in legal review	Outline program at SVCE "Watts for Lunch"	Secure 4-9 signed Participation Agreements, complete site assessments
Decarbonization Demonstration Grants	\$3.2M	8 local public facing electric projects	1 project complete	Worked with several agencies to execute grant extensions to accommodate project delays	Support grantee community engagement efforts and grant extensions
Permit Modernization	\$3.2M	13 member agencies improve electrification permitting	Data gathered and planning underway	Action plans are all distributed and resources will flow out in Q1 of 25	Resources actively deployed in at least ten agencies
CALeVIP 1.0	\$2.5M	85 DCFC installed 1,100 L2 installed	10 DCFC installed 305 L2 installed	Continued processing incentive payments as installations were completed	Continue making payments to DCFC and L2 projects as they are completed

Active Programs

Name	Budget	Potential Impact	Cumulative Impact To-Date	Last Quarter (Update)	Next Quarter (Target)
Customer Resource Center (eHub)	\$2.1M	1.5M email opens 350K unique web visits	811K email opens 390K web visits, 735 total claimed rebates (375 yard equipment)	Sent emails promoting: - Yard Care Promotion - Solar + Battery Assistant - Summer Promotion - Summer Sweepstakes	Launch eHub 2.0 in November which is a substantial product release
Fast Charger Incentives	\$1.875M	10 DCFC installations near MUD hotspots	10 of 10 ports are live now (4 sites)	All sites now energized. Awaiting 1 final claim for 2 ports.	Finalize remaining claim; fold nearby resident outreach into EV rebate launch.
Existing Building Policy Experiment	\$1.9M	Spur action on building electrification and reduce building gas combustion	Needs assessment for all 13 agencies	Work impacted due to repercussions from Berkeley decision. Rather than try to advance policies that aren't gaining traction, focused on BAAQMD readiness	Develop preliminary list of policy options for agencies to consider in 2025
Contractor Training	\$1.7M	300 contractors trained 500 graduate incentives	277 contractors completed training. 147 approved graduate incentive claims	Q3 has historically been a down period for training enrollments and that seasonal trend continued	Q4 is typically busier for enrollments. Send mailers directly to contractors who participated in FutureFit Homes. Mailers will have a QR code to direct contractors to the training webpage
Programs Marketing Fund	\$1M	4,500 new program participants	Nearly 1,200 program participants (Go Electric Advisor, Gridshift, Business Rebates, Home Rebates, Contractor Training, EVI programs)	Rebates campaign beat engagement goals with 6.26M impressions on Google/Meta and a \$0.26 cost per landing page visit. Over 100 visitors used GEA	Launch a large Go Electric campaign to help launch the new eHub Incentives Finder and two other programs
GridShift EV Charging and Rebates	\$973K	Bill/emissions savings and load shifting capacity	1,492 EVs enrolled 55 charger rebates	Prepared for ChargeWise (hourly price signal) pilot launch in mid-October	Launch ChargeWise pilot and recruit pilot participants
Go Electric Advisor	\$892K	3,600 customers use hotline, 1,200 use tech assistance, 350 use electrification plans	540 customers use service	Steady participation after rise in Q3. Ensuring advisors are trained on upcoming single-family programs	Increase marketing campaigns and aim for 300 new contacts
Business Rebates	\$750K	20-30 SMBs electrified	5 SMBs fully/partially electrified	Met with 4 out of 13 city Economic Development staff. Attended 5 Chamber events. Awarded 1 rebate claim. Issued RFP for CBO to support outreach	Award 2 to 4 new claims, move forward with a CBO partner, present at 3 to 5 chamber events, finalize scheduling for Rebates and Incentives workshop.

Active Programs

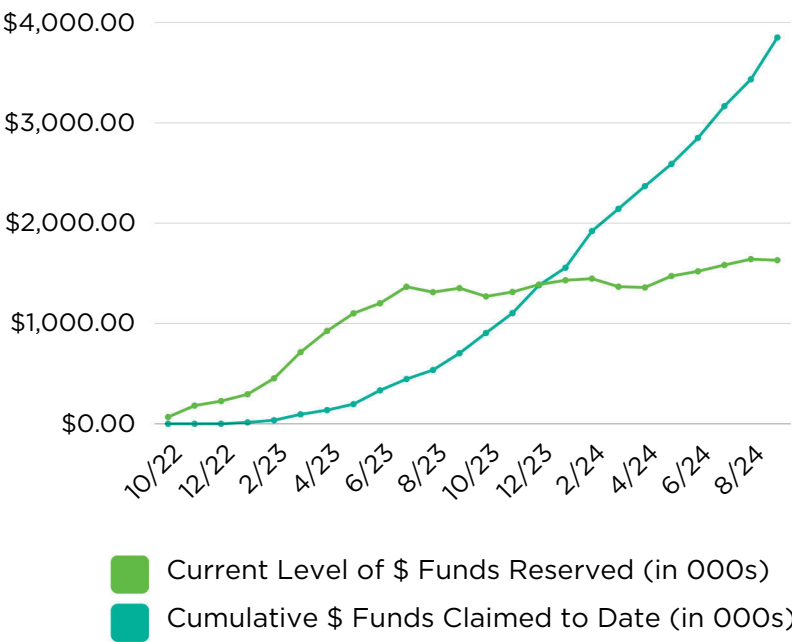
Name	Budget	Potential Impact	Cumulative Impact To-Date	Last Quarter (Update)	Next Quarter (Target)
EV Charging Planning	\$725K	60 assessments, 36 projects done, 250 ports installed	72 applications (45 completed)	Prepared 3 site solutions; enrolled 5 new properties	Expand enrollment; determine plans for 2025
EM&V	\$640K	Evaluate 80% of SVCE programs within 1 year of launch	9 reports completed, 2 in progress	TO14 (Reach Codes) completed. TO6 and TO15 draft reports under review. Active TOs extended through 12/31/24.	Complete TO6 (EVI) and TO15 (FFH). Set up TOs for Member Agency Grants and Rock Rabbit. Scope 4 new Task Orders.
Reach Codes 2.0	\$600K	Require all new buildings to be emissions-free	13 agencies adopt electrification ordinances	Campbell and Cupertino advanced their reach code	Respond to requests from agencies and look ahead for future code opportunities
SV Building Electrification Stronger Together	\$600K	Educate stakeholders about building electrification	35 new stakeholders engaged to date	Contractor RFP released on September 30	Release community partnership grant and conduct information session
Decarbonization Engagement Grants	\$442K	5 communities engage residents on climate action topics	1 project complete	Los Altos Hills completed educational kiosk project	Monitor and reimburse agencies as projects move to completion
Natural Gas Phaseout Feasibility	\$300K	Complete 2 whitepapers to inform local, regional, and statewide policies	1 whitepaper (funding requirements) completed	Delivered one paper on how to fund decarbonization in SVCE territory. Made progress on technical solutions analysis paper	Develop phase 2 Scope of work, complete technical solutions analysis paper
Fleet Electrification	\$300K	Complete fleet electrification and charger installation planning for 10 fleets	10 fleets in progress	Several agencies have progressed, but finalizing plans require PG&E to finish their planning work. One agency close to completion	Finalize two agency engineered plans and progress on two additional plans
SV Transportation Electrification Clearinghouse	\$150K	Create cohort to enable equitable electrification.	Merged into other programs	Original goals matured into initiatives. Program merged with other programs	Original goals matured into initiatives. Program merged with other programs
Lights On Silicon Valley	Power Supply Budget	750 SFH and 5 MF projects	657 enrolled SFH at outset of delivery period	Capacity from behind-the-meter solar and storage projects was delivered to SVCE	Continued delivery and adjustments to dispatch as needed

Planning

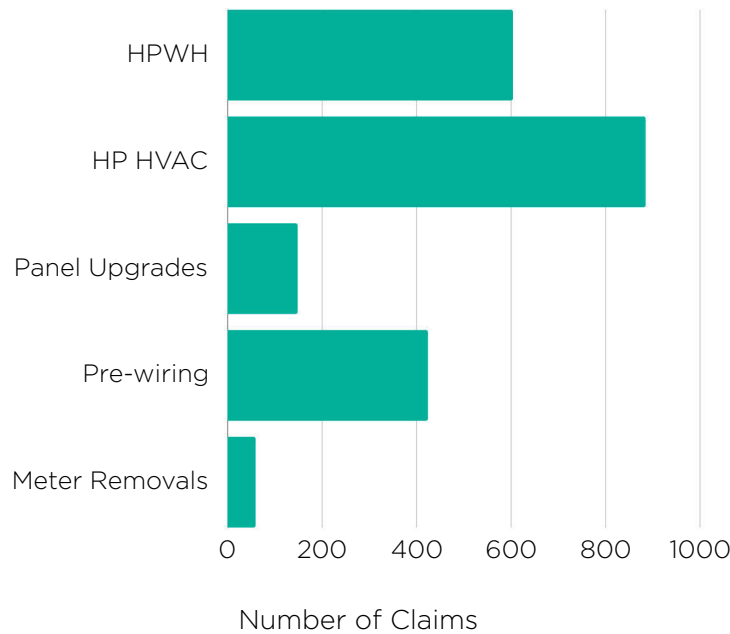
Name	Budget	Potential Impact	Last Quarter (Update)	Next Quarter (Target)
Full-Service Home Upgrades	\$14M	600 single-family homes electrified; 700 emergency water heater replacements	Continued program design with PCE	Launch program by November 2024
Resiliency, Engagement, and Decarbonization (RED) Grants	\$10M	Fund resiliency, engagement, and decarbonization projects for Member Agencies, schools, community groups, and non-profits	Finalized program design for Member Agency non-competitive grants and competitive grants	Launch grants and distribute applications to member agencies
Tariffed On Bill (TOB) Financing	\$5.2M	200 customers finance electrification	Board contract approval. Ongoing pilot design & coordination with other single-family programs	Continued pilot design in preparation for Q2 FY25 launch, including final contract adjustments as necessary
Innovation Onramp	\$2.4M	1-2 pilot projects per year that advance electrification programs and strategies	Rock Rabbit launch delayed due to SVCE back-end systems alignment	Launch grant solicitation for EVI and select awardees, Launch of Rock Rabbit app
Neighborhood Electrification	\$1.5M	Test model to electrify buildings within a community. Electrify 15 homes and set plans for 24 homes	Conducted focus group with residents. Feedback may inform RFP to be released next quarter	Release RFP for vendor and host at least one electrification event.
EV Rebates	\$1.5M	600 EV purchase incentives for income qualified customers	Finalized program development and prepared for program launch. Recruited dealerships and community engagement plans	Launch point-of-sale and Post-Purchase EV Rebate program. Run 3-4 EV education community events
Workforce Development Partnerships	\$1.3M	Increase capacity to coordinate and train skilled workforce for residential electrification jobs	Began program design and engagement with key partners	Complete Program Design and Launch 1 initiative
Demand Flexibility and Virtual Power Plant programs	\$1M	Connectivity to flexible, customer-sided loads to enable bill savings, avoided generation and capacity costs, reliability and carbon benefits	Connected Uplight to Morgan Hill's meter data (manual uploads via FTP). Ran 31 events, including 12 Level 2 events. No grid emergencies	Call 10 events (fewer during cooler months). Evaluate M&V data from Uplight to assess load shed per \$ invested, feed into ongoing demand flex RFP
E-Bike Rebates	\$500K	450 e-bikes	Began initial program design	Stakeholder outreach, finalize program design
Portable Heat Pumps	\$500K	100 portable heat pumps	Reassessed priority level of program, technology available	Deprioritized for now to focus on higher impact programs. Revisit end of 2025

Home Rebates

Provide incentives to residents for heat pump water heaters (HPWH), heat pump HVAC systems, service panel upgrades, induction cooktops, and pre-wiring to replace gas appliances.

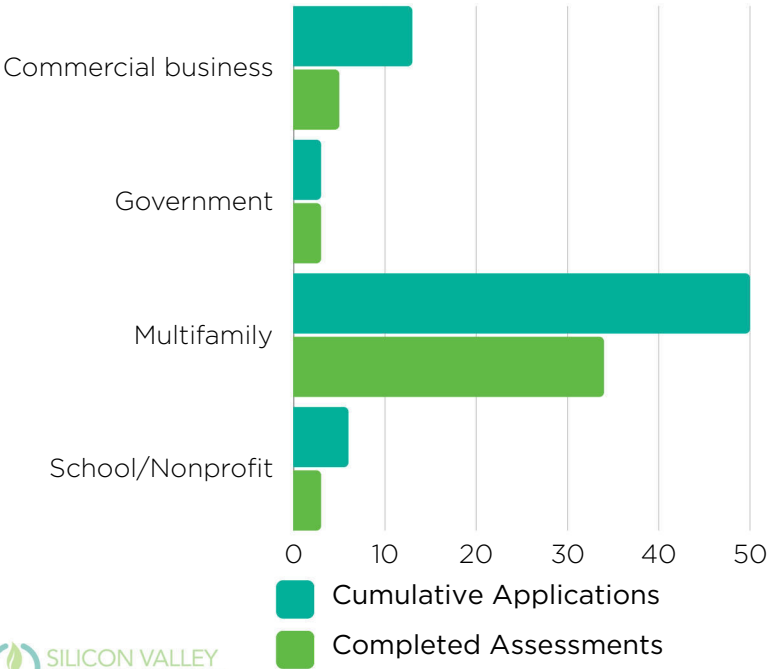


Rebates claimed: \$3.85M
Rebates reserved: \$1.63M



EV Charging Planning

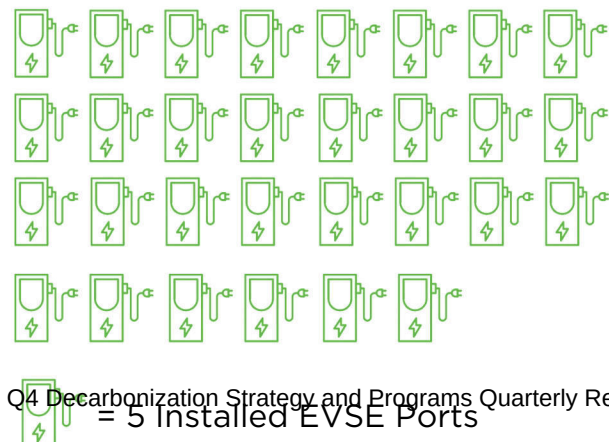
Assistance in site assessment, preliminary design, and applying to rebates for charging at multifamily housing and small and medium workplace properties.



EV Charging Incentives

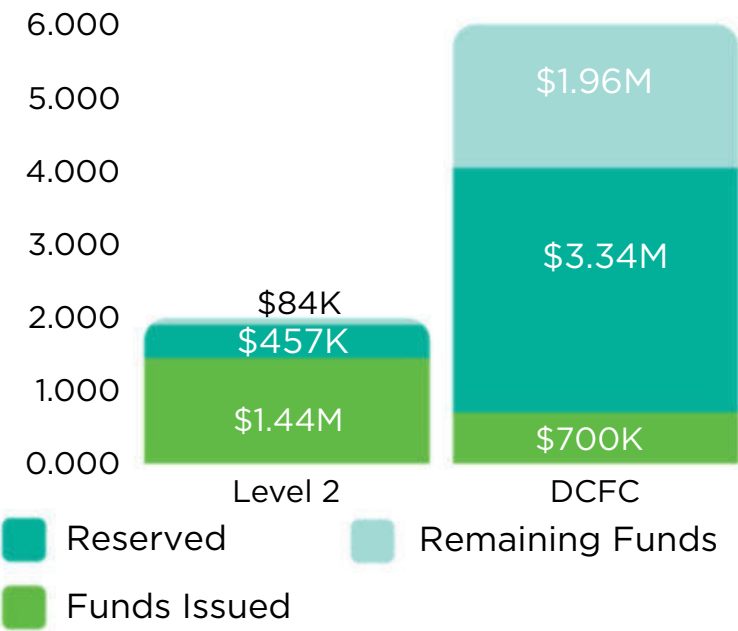
Incentive program for L1 and L2 EV charging infrastructure at multifamily properties

Funds Reserved: \$548K
Funds Claimed: \$572k
Goal: 35 Sites, 150 ports



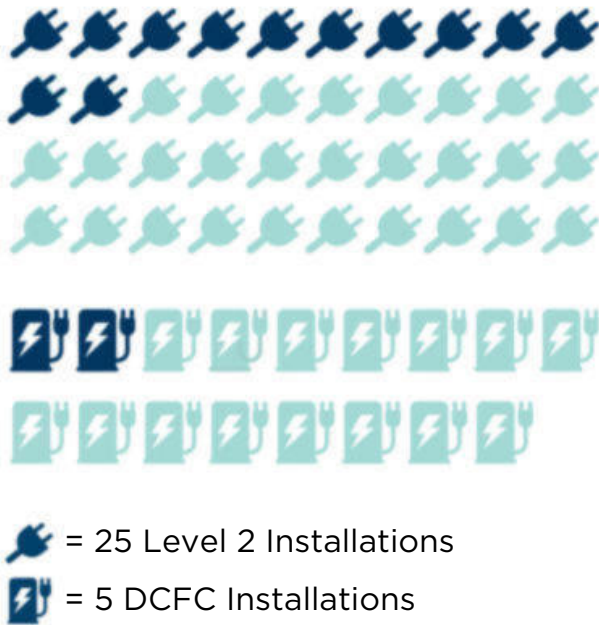
CALeVIP

Provide incentives for electric vehicle (EV) chargers as part of a regional program.



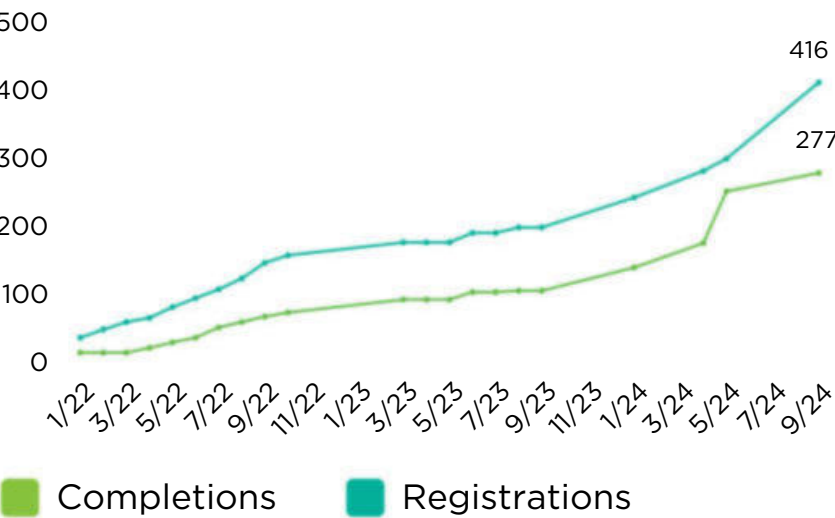
Funding: \$11.58M

Goal: 1K Level 2 + 85 DC Fast Chargers



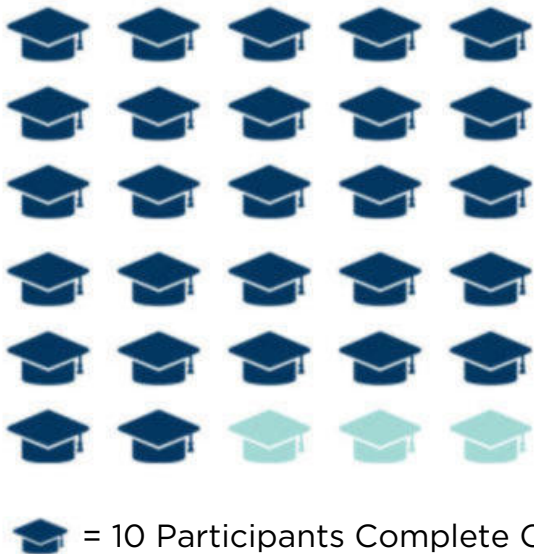
Contractor Training

Provide financial relief to contractors by expanding their knowledge of electrification technologies.



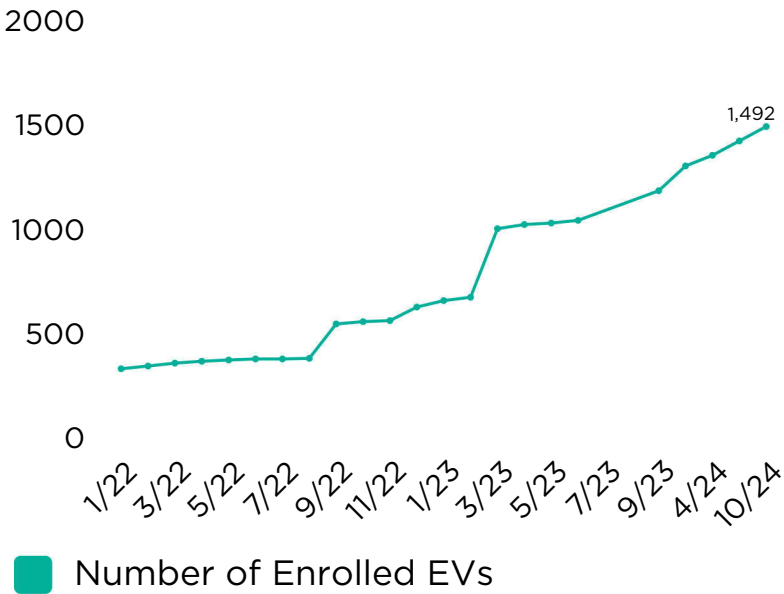
Funding: \$1.5M

Goal: 300 Participants Complete the Course (Phase 2)



GridShift EV Charging

Managed EV charging app that optimizes charging to reduce associated costs and emissions.



Rebate Goal: \$30K

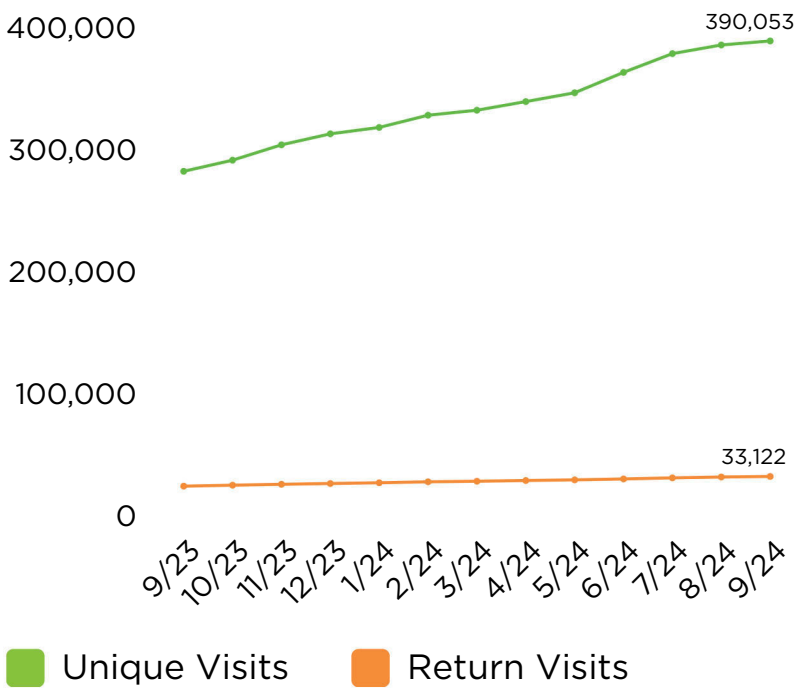
Goal: 120 EV Chargers added to fleet



Charger Rebates Issued: 55

eHub Report

Online customer resource center to enable engagement, education and action related to clean electricity, EVs and home electrification.



Website Visit Goal:

Reach 350K Unique Visitors

Email Goal:

Conduct 6 email campaigns



 = 1 email campaign completed

Built Environment

Community Energy Resilience: Resources (grants) and tools for member agencies to increase individual and collective capacity to adapt to future power outages.

Electric Showcase Awards 2.0: Award program to recognize residential, commercial, and non-profits who are early adopters of existing building electrification.

Decarbonization Demonstration Grants: Grants to encourage member agencies and other key groups an opportunity to electrify their facilities. Focus on projects with public visibility for education/awareness purposes.

Decarbonization Engagement Grants: Grants for member agencies and other key groups to work on smaller electrification engagement initiatives to engage their communities.

Electrification Rate Discount: Custom rate to promote building electrification.

Existing Building Policy Experimentation: Assess and support potential policy levers that member agencies can explore to mitigate emissions from existing buildings.

Feasibility Assessment of Natural Gas Phase Out by 2045: Feasibility study to identify technical, legal, and economic barriers and opportunities for phasing out natural gas service by 2045 in SVCE's service territory.

Contractor Training: Training and financial incentive program for contractors to expand their knowledge and installation of electrification technologies.

Go Electric Advisor: Comprehensive one-on-one phone or web assistance to SVCE customers to assist them in applying for electrification incentives, technical assistance, or developing a whole-home electrification plan.

Home Rebates: Incentives for various building electrification technologies for single- and small multi-family residential customers. Includes major appliances as well as eventual gas meter removal.

Business Rebates: Incentives for projects at a handful of small and medium business properties.

Multifamily Retrofits (BE Direct Install): Comprehensive building electrification retrofits with a direct installer for multifamily affordable housing sites.

Permit Modernization: Benchmark and streamline member agency permitting and inspection processes to identify barriers and opportunities to electrification.

Reach Codes 2.0: Provide model building energy codes supportive of all-electric design and EV infrastructure to member agencies along with consultant support.

Built Environment

SVBEST: Regular regional stakeholder convenings to coordinate program alignment across building decarbonization workstreams.

Tariffed On Bill (TOB) Financing: Equitable financing pilot program for electrification for low-moderate income residents focusing cost recovery through on-bill charges that are lower than bill savings.

Mobility

CALeVIP: Incentives for L2 and DCFC publicly-accessible EV chargers funded by California Energy Commission and SVCE as part of a regional collaboration.

EV Charging Incentives: Incentive program for L1 and L2 EV charging at hard-to-reach multifamily properties.

Fleet Electrification Program: Competitive application for SVCE's fleet electrification planning support and funding for site upgrades targeting a broad set of fleet types.

EV Charging Planning: Technical assistance for preliminary site design and pertinent rebates for charging at multifamily housing and small and medium workplace properties.

Multifamily Retrofits (TE Direct Install): Comprehensive transportation electrification retrofits with a direct installer for multifamily affordable housing sites.

Fast Charger Incentives: Competitive grant application for DCFC installations in "priority zones" that support designated multifamily housing clusters.

SVTEC: Regular regional stakeholder meetings focused on information sharing, solving critical issues, and attracting external funding to the SVCE community in support of EV infrastructure deployment.

Power Supply

Lights On Silicon Valley: Provide incentives for enrolling solar and battery systems in the SVCE grid services program.

Medical Battery Program: Pilot program to deploy ~50 portable batteries to qualified customers who rely on power for medical equipment.

Education & Outreach

Customer Resource Center (eHub): Online customer resource center and marketplace to enable engagement, education, and action related to clean electricity, EVs, and home electrification.

Grid Integration

GridShift EV Charging: Managed EV charging phone app that optimizes charging to reduce associated costs and emissions. Includes incentives for reducing grid peak demand.