

Quarterly Report

December 2024 Milestones

288

**contractors
complete
Contractor
Training**

511

**L1/L2 ports
installed through
EV Charging
programs**

1,700

**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 2 site assessments. Issued RFP for General Contractor.	Reissue Contractor RFP to select contractor with better pricing. Start construction at 2 sites.
EV Charging Incentives	\$11.4M	80 MUDs with EVI (720 ports) 4,000 L1/L2 chargers at affordable housing	21 MUD active reservations (166 ports) 16 sites completed (166 L1/L2)	Processed 3 new MUD claims for 17 additional EV ports. Raised per site maximum to \$100k (from \$50k).	Continue to expand enrollment and ways to help connect customers to vendors.
Full-Service Home Upgrades	\$11.4M	600 single-family homes electrified	Soft launched program in November 2024	Soft launched program in November 2024.	Complete installations for 10 projects.
Home Rebates	\$10.05M	2,800 homes fully/partially electrified	1,700 homes fully/partially electrified	Cumulative results: 654 HPWH, 1073 HVAC, 70 Induction, 532 prewiring. Applications launched in Salesforce.	Hit 2,000 claims. Update requirements for appliances. Launch rebate adders for Milpitas and Mountain View.
Electrification Rate Discount	\$9.5M	5,000 customers enrolled	4,200 enrolled	Significant enrollment growth. NEM analysis completed. Synthesized learnings to-date.	Finalize proposals for E-ELEC design revision. Create timeline for board presentation.
Member Agency Grants	\$6.5M	13-18 member agency projects focused on community engagement and capital decarb projects	Received 1 noncompetitive grant application	Launched the noncompetitive and competitive grants.	Hold pre-application webinar for competitive grant solicitation.
Community Energy Resilience	\$5.15M	13 agencies complete projects	5 completed agency projects	Cupertino received two off-grid EV chargers and trailer to rotate chargers to different community locations.	Monitor and reimburse agencies as projects are completed.
C&I Decarbonization Program	\$5M	8,000 metric tons of CO2e removed through carbon saving measures	5 customers enrolled in the program, 7 "warm" leads reviewing Agreement	3 onsite energy audits completed, reports in development.	Continue on-site energy audits. First cohort-wide workshop scheduled for March 14.
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.

Active Programs

Name	Budget	Potential Impact	Cumulative Impact To-Date	Last Quarter (Update)	Next Quarter (Target)
Permit Modernization	\$3.2M	13 member agencies improve electrification permitting	Permitting agencies are briefed and have action plans in place	Action plans were finalized in 12 of 13 jurisdictions.	Resources actively deployed in at least five agencies.
Emergency Water Heater Replacement	\$2.6M	700 emergency water heaters upgraded	Launched program in November 2024	Launched program in November 2024.	Complete installations for 10 projects.
CALeVIP 1.0	\$2.5M	85 DCFC installed 1,100 L2 installed	10 DCFC installed 319 L2 installed	Continued processing incentive payments as installations were completed.	Continue making payments to DCFC and L2 projects as they are completed.
Customer Resource Center (eHub)	\$2.1M	1.5M email opens 350K unique web visits	1M email opens (54% open rate) 393K web visits	Sent emails promoting: - Solar + Battery Assistant - New eHub in PCL Launched new eHub Nov 18.	Launch EV Finder. Develop Appliance Marketplace rebate promotions. Prepare Go Electric Campaign.
Fast Charger Incentives	\$1.875M	10 DCFC installations near MUD hotspots	10 of 10 ports are live now (4 sites)	All sites now energized. Explored ways to support one site through ownership transition.	Complete ownership transition for one site.
Existing Building Policy Experiment	\$1.9M	Spur action on building electrification and reduce building gas combustion	Concepts have been introduced and are no longer "foreign" and momentum is building for incorporation into 2025 Reach Code effort	Action plans were finalized in 12 of 13 jurisdictions.	Convene initial regional workshop for staff on Reach Code options and developments.
Contractor Training	\$1.7M	300 contractors trained 500 graduate incentives	288 contractors completed training 187 approved graduate incentive claims	Significant growth in registrations and incentive claims.	Achieve 300 completed contractor trainings.
EV Rebates	\$1.5M	600 EV purchase incentives for income qualified customers	4 claims paid	Launched program on Oct 19, 2024. Held 2 community events with CBO partners.	Increase marketing and education efforts. Hold 2 additional community education events. Continue to grow dealership network.
Programs Marketing Fund	\$1M	4,500 new program participants	Marketing provided for 10 programs. 1,880 program participants added.	Google Analytics setup phase 1 completed. See individual programs for more detailed updates.	Large Go Electric umbrella campaign planning with School of Thought (vendor). Complete allocation of marketing fund for 2025.
GridShift EV Charging and Rebates	\$973K	Bill/emissions savings and load shifting capacity	1,601 EVs enrolled (incl. ChargeWise pilot participants) 58 charger rebates	Launched ChargeWise pilot and recruited pilot participants.	Monitor ChargeWise results and customer savings. Adjust dynamic rate adders as needed.

Active Programs

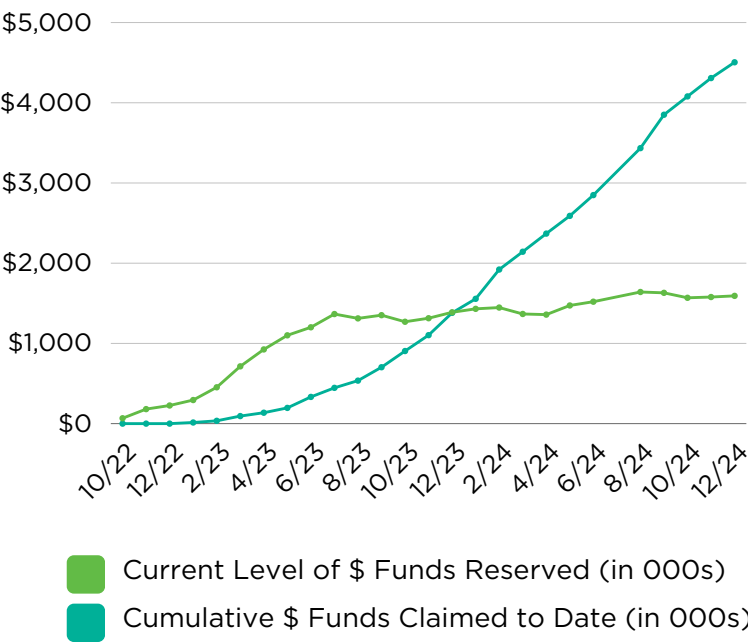
Name	Budget	Potential Impact	Cumulative Impact To-Date	Last Quarter (Update)	Next Quarter (Target)
Go Electric Advisor	\$892K	3,600 customers use hotline, 1,200 use tech assistance, 350 use electrification plans	714 customers use service	Record participation in Q4. Contacts largely driven by FutureFit Homes participants with questions on available incentives and upgrade process.	Increase marketing campaigns and aim for 400 new contacts.
Business Rebates	\$750K	20-30 SMBs electrified	7 SMBs fully/partially electrified	Presented at Cupertino Business Incentives workshop. Drafted Consultant Agreement for site assessment pilot. Processed first two rebate claims in Salesforce.	Determine project rebate caps. Award 2 to 4 new rebates. Present at another chamber event. Launch site assessment pilot program.
EV Charging Planning	\$725K	60 assessments, 36 projects done, 250 ports installed	73 applications (49 completed)	Prepared 4 new site solutions. Enrolled 1 new property	Expand enrollment through email and other marketing channels. Determine and execute wind-down strategy.
EM&V	\$640K	Evaluate 80% of SVCE programs within 2 years of launch	11 reports completed	Completed TO6 (EVI) and TO15 (Home Rebate) reports. Set up new TO for Member Agency Grants.	Set up TOs for 5 additional programs.
SV Building Electrification Stronger Together	\$600K	Educate stakeholders about building electrification	35 new stakeholders engaged to date	Completed RFP process for contractor bench. Completed design of CBO programs bench.	Hold the first contractor bench focus group. Release community partnership grant and conduct information session.
Decarbonization Engagement Grants	\$442K	5 communities engage residents on climate action topics	1 project complete	Worked with several agencies to execute extensions to accommodate project delays.	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	Assessed the most challenging home electrification configurations and developed solutions for each.	Finalize technical solutions analysis report.
Fleet Electrification	\$300K	Complete fleet electrification and charger installation planning for 10 fleets	10 fleets in progress	Three (3) agencies have completed the planning program. Remaining 7 agencies are actively proceeding.	Finalize 2 additional agency engineered plans and recruit new fleets into the program.
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

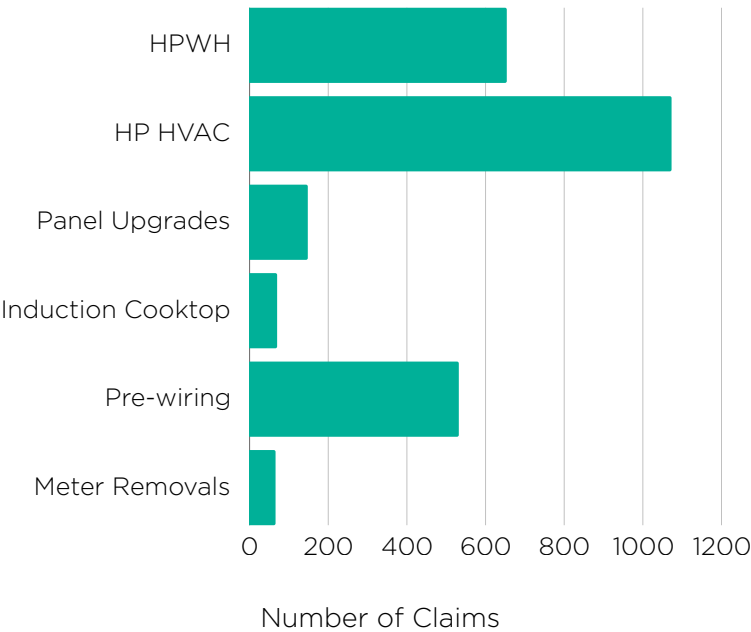
Name	Budget	Potential Impact	Last Quarter (Update)	Next Quarter (Target)
Tariffed On Bill (TOB) Financing	\$5.2M	200 customers finance electrification	Ongoing pilot design with focus on billing implementation.	Launch OBF pilot and begin enrollment.
Community Grants	\$3.5M	Fund resiliency, engagement, and decarbonization projects for schools, community groups, and non-profits	Divided the larger \$10M allocation into three different program areas.	Explore adding fellow to assist with program design.
Neighborhood Electrification	\$1.5M	Test model to electrify buildings within a community. Electrify 15 homes and set plans for 24 homes	Continued pilot program design.	Release RFP for vendor.
Workforce Development Partnerships	\$1.3M	Increase capacity to coordinate and train skilled workforce for residential electrification jobs	Continued program design and met with stakeholders.	Complete program design.
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	Completed competitive solicitation for demand flexibility services. Received 16 proposals, reviewed 8 in depth. Completed 2 rounds of interviews with 4 firms.	Select firm(s). Develop scopes of work and program design. Execute contracts with selected firm(s) for capacity, flexibility and associated services.
Innovation Onramp (EV Charging Pilot)	\$1M	Demonstrate innovative and scalable solutions to reduce the cost of EV charging for MF residents.	Received 11 proposals in this grant cycle. Applications are currently under review.	Launch 3-4 projects with the selected vendors.
E-Bike Rebates	\$500K	450 e-bikes	Program paused due to staffing constraints.	Determine new timeline and next steps for program launch.
Innovation Onramp (Rock Rabbit)	\$190K	Pilot an innovative web app to assist homeowners and contractors to apply for multiple incentives simultaneously.	Continued integration of Rock Rabbit app with SVCE's internal data tools and systems.	Soft Launch to small group of residential customers and contractors planned for February 2025. Full launch to all residential customers in late March/April 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.

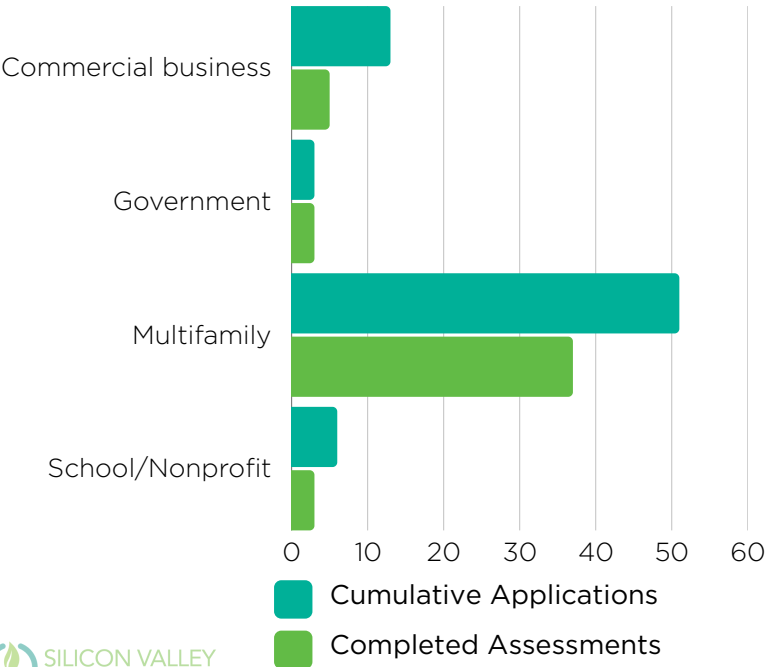


Rebates claimed: \$4.5M
Rebates reserved: \$1.6M



EV Charging Planning

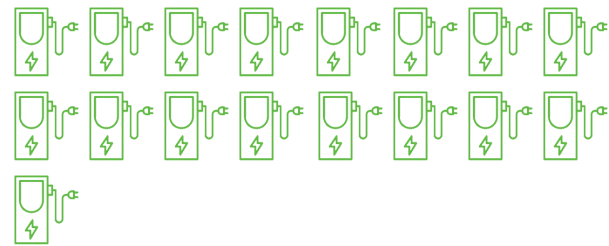
Assistance in site assessment, preliminary design, and applying to rebates for charging at multifamily housing and small and medium workplace properties.



EV Charging Incentives

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

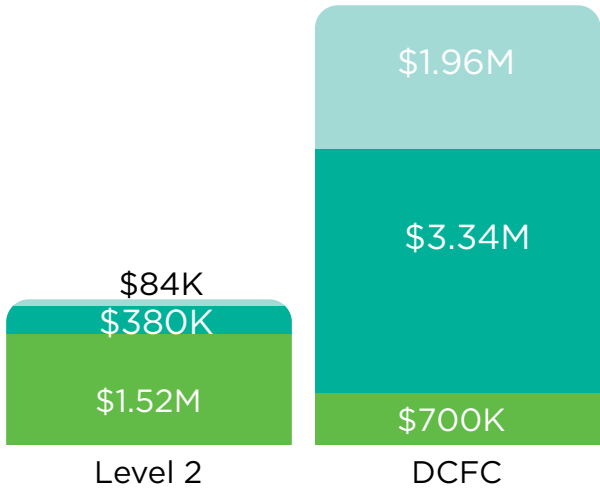
Funds Reserved: \$789K
Funds Claimed: \$650k
Ports Installed: 166 L1/L2



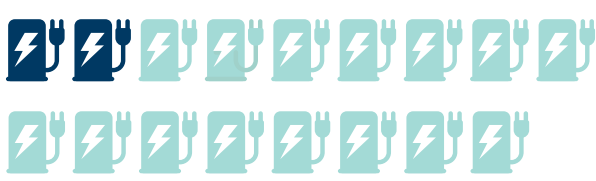
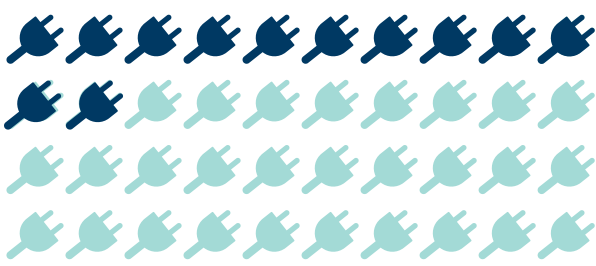
 = 10 Installed EVSE Ports

CALeVIP

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



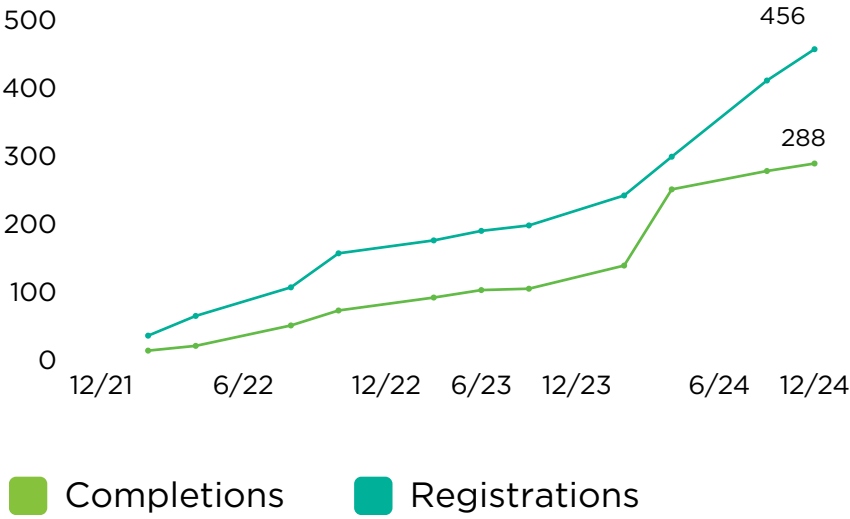
Funding: \$11.58M
Goal: 1K Level 2 + 85 DC Fast Chargers



= 25 Level 2 Installations
 = 5 DCFC Installations

Contractor Training

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



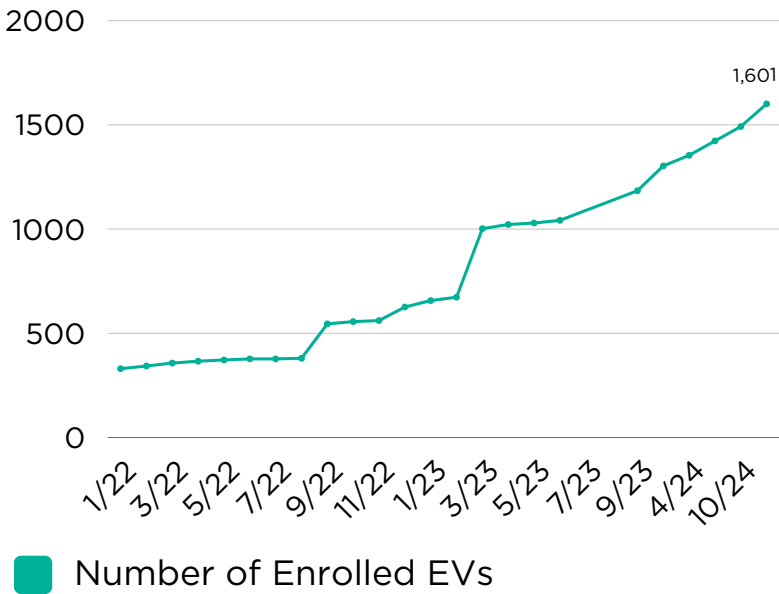
Funding: \$1.5M
Goal: 300 Participants Complete the Course (Phase 2)



= 10 Participants Complete Course

GridShift EV Charging

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



Rebate Goal: \$30K

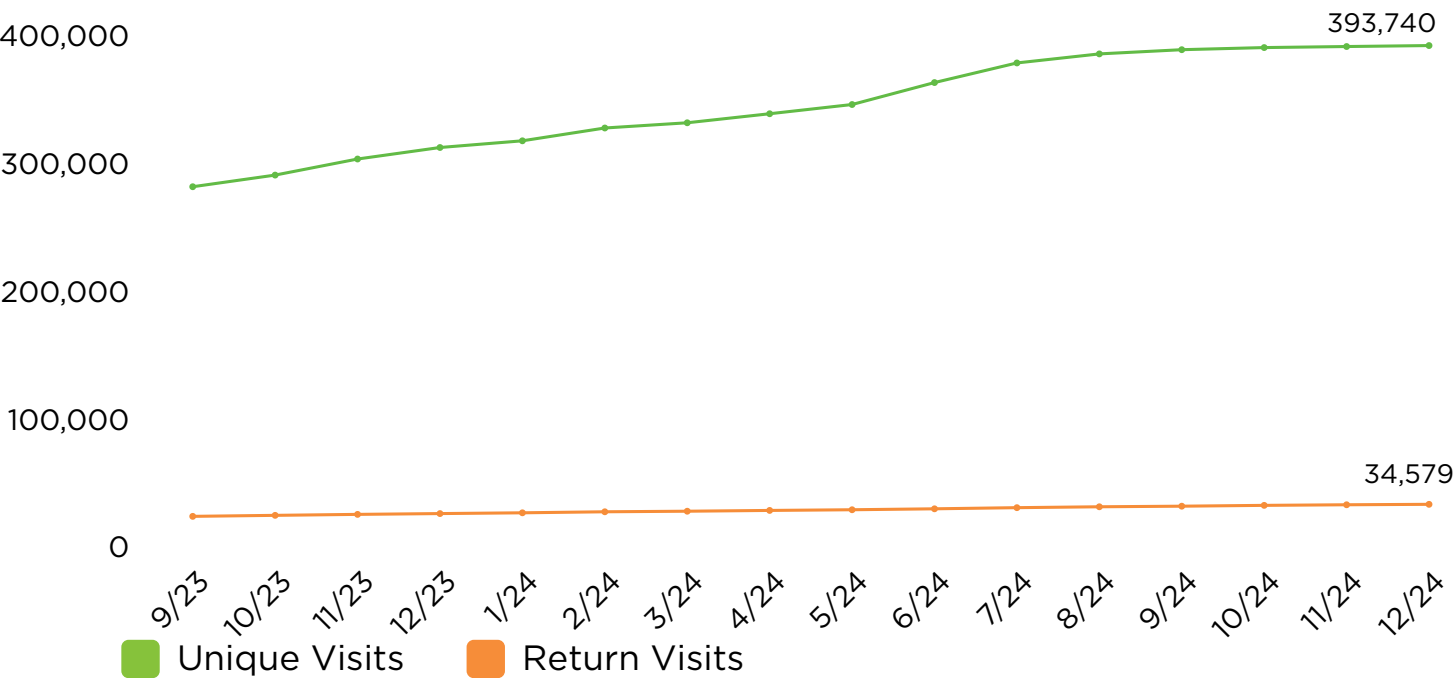
Goal: 120 EV Chargers added to fleet



Charger Rebates Issued: 58

eHub Report

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



Contractor Lunch and Learns

Goal: To engage and reach local contractors who have not heard of SVCE offers and services or those who are aware of our programs but rarely engage.

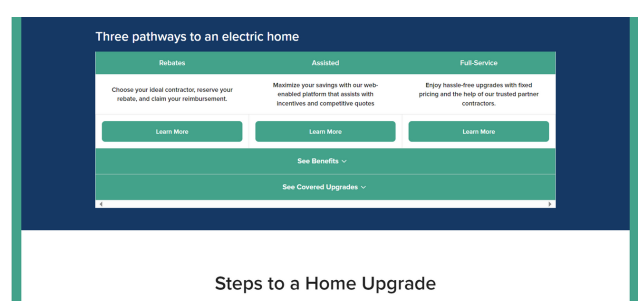
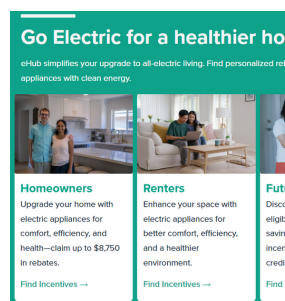
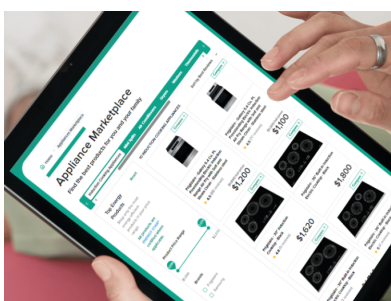
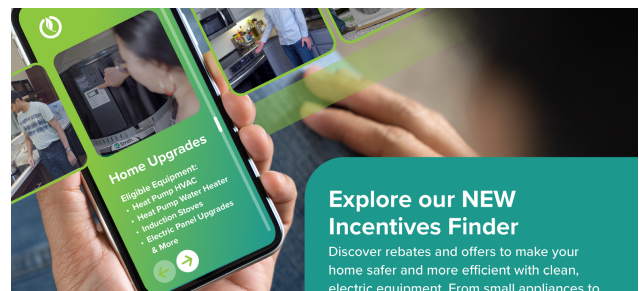
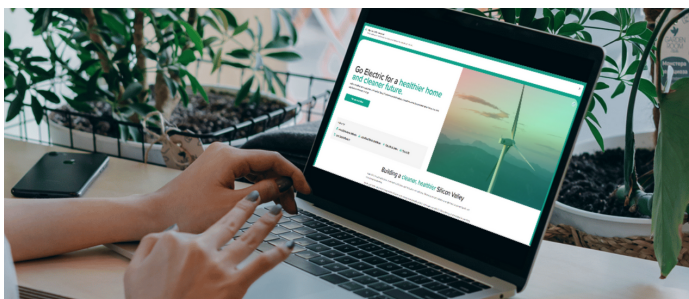
Results: 41 contractors from our service territory attended our events in Mountain View and Morgan Hill, which were designed as small, intimate lunch-and-learn sessions. We reached our target audience via email, phone calls, and brochures.



Launch of the New and Improved eHub

Goal: Increase accessibility and remove barriers to going electric by improving the user experience (UX).

Tactics: Launched the new eHub mid-November, published a press release, and updated customers via our monthly newsletter and the annual Power Content Label.



Dream Home at Community Events

Goal: Promote a hands-on, interactive experience with modern electric equipment to demonstrate why customers should replace fossil fuel appliances.

Tactics: SVCE partnered with the San Jose Conservation Corps to design and build the Dream Home, a demonstration trailer featuring a heat pump mini-split, induction cooking, heat pump water heater, and more. In 2024, SVCE brought the Dream Home to ten community events.



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: 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.