



SMC Energy Watch & Regionally Integrated Climate Action Planning Support: 2024 Accomplishments and PG&E Contract Extension

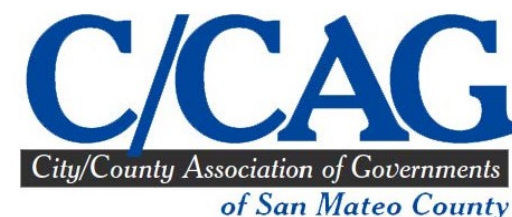
Congestion Management and Environmental Quality Committee – February 24, 2025





Agenda

- Overview of San Mateo County Energy Watch (SMCEW)
- Energy Watch Accomplishments
- RICAPS Climate Collaborative Accomplishments
- PG&E Contract Extension
- Questions



SMCEW Overview

Who We Serve – Hard to Reach Customers

Local Government and Special Districts

K-12 Public Schools

“Hard-to-Reach Businesses

Climate Action Planning Collaborative

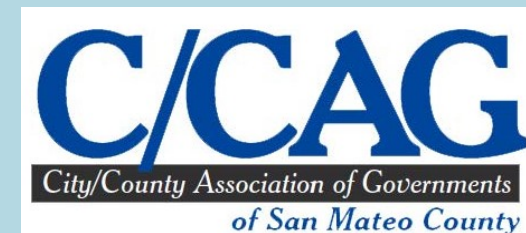


What We Do

Generate Referrals – into PG&E Programs

Build Pipeline of Future Projects – Increase Industry Understanding

- Host working groups
- Support policy development
- Conduct research
- Implement Pilots



SMCEW Accomplishments

43 Heat Pump Water Heaters

Net Reduction– 158K Therms

Total Incentives - \$64,000

Cities Served – Atherton, Brisbane, Daly City,
East Palo Alto, Half Moon Bay, Millbrae, San
Mateo, County of San Mateo

Equivalents:

- 835 Metric Tons of CO₂
- 195 gas vehicles driven for a year
- 112 homes' energy for a year



Accomplishments

Technical Support

- Capital Improvement Plan Scans for all cities
- GHG Inventories for all cities (2023)
- New building measure quantification tool
- Methane Gas Catalogue tool and report
- Electrification Roadmap

Policy & Communications Support

- Electrification communications campaign
- Electrification First Policy & Staff Report
- Grid Reliability Explainer
- Supported passage of CAPs in Foster City, Atherton, Menlo Park, East Palo Alto
- Presentation to C/CAG committees





RICAPS

Regionally Integrated Climate Action Planning Support

Accomplishments (cont.)

Areas of Learning

- Workshopped approaches to EV charging
- Provided support for new building reach code
- Launched two collaborative grant applications
- Formalized jurisdictional check in at monthly meetings
- Cross-pollination – idea sharing
- Advanced regional collaboration – input to Berkeley inventory project, BAAD federal grant



Project Outcomes since July 2020

	Local Governments & Special Districts	K-12 Public School Districts	Hard-to-reach Small Businesses
Projects that Directly Reduce Emissions	<p>Projects installed or installing at: Atherton, Brisbane, Burlingame, Daly City, East Palo Alto, Half Moon Bay, Menlo Park, Millbrae, Pacifica, Redwood City, San Carlos, City of San Mateo, County of San Mateo</p> <p>82 projects Net estimated kWh savings: 906,731 kWh Net total therms savings: 206,277 therms Total incentives: \$1,022,410</p>	<p>Projects in development at: Las Lomas Elementary School District Menlo Park City School District San Mateo Foster City Elementary School District</p>	<p>12 business enrolled in PG&E programs: Located in Daly City, Half Moon Bay Redwood City, San Bruno</p>
Support Services	<p>Pilot: Heat Pump Water Heater Direct Install for Local Governments (GK-12)</p> <p>Methane gas catalogs developed for: Atherton Brisbane County of San Mateo (21 County-owned bldgs.) Half Moon Bay Millbrae SamTrans</p> <p>Benchmarking reports updated for: Colma City of San Mateo (on-going) County of San Mateo (on-going)</p>	<p>Methane gas catalogs developed for: Bayshore Elementary School District Brisbane School District Jefferson Elementary School District Las Lomas Elementary School District Menlo Park City School District Portola Valley School District Ravenswood School District (50%) Woodside Elementary School District Jefferson Union High School District San Mateo Union High School District Cabrillo Unified School District (75%) La Honda-Pescadero Unified School District South San Francisco Unified School District (60%)</p> <p>Benchmarking reports updated for: 75 schools</p>	<p>Research project: Commercial kitchen electrification cost study</p>



PG&E Contract Extension

Stakeholder Feedback:



DPW, PCE, TRC, Rincon, County Health, SMCOE, Willdan, other local government partnerships

Themes

A need for more systematic technical support to **help facilities staff plan decarbonization projects**, including data collection and analysis.

A need for administrative **support to apply for funding and reduce barriers to procurement** in implementing decarbonization projects.

A need for **expanded marketing and education** to support uptake of PG&E programs.

A need for **case studies and research to advance understanding** about energy efficiency, energy management, and decarbonization to accelerate PG&E program uptake and referrals.

PG&E Contract Extension (cont.)



Current program cycle: July 2023 – December 2025

Extension term: January 2026 – December 2027

Partners:



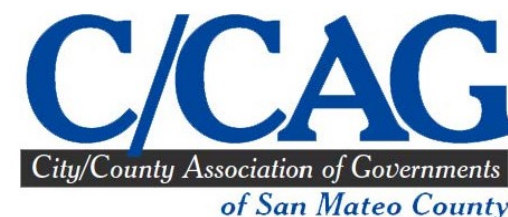
Pacific Gas and Electric Company



SAN MATEO COUNTY
Sustainability Department

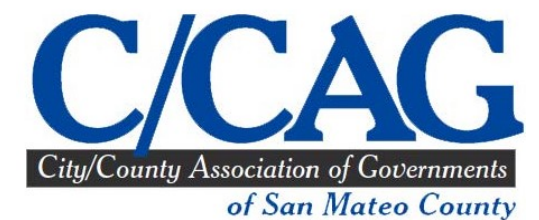
Proposed Budget:

Category	Current Budget (2.5 years)	% of Budget	Proposed Extension Budget (2 years)	% of Budget
Administration	\$171,321	9.45%	\$130,536	9%
Marketing	\$187,082	10.32%	\$145,040	10%
Implementation	\$1,454,597	80.23%	\$1,174,824	81%
Total	\$1,813,000	100.00%	\$1,450,400	100%



Strategy Moving Forward

	Local Governments & Special Districts	K-12 Public School Districts	Small Businesses	Climate Action Support
ULTIMATE GOAL	Support jurisdictions in decarbonizing their facilities to meet their climate action plan goals Supports GOCAP	Support districts in integrating energy efficiency and decarbonization into bond-funded projects, and into regular maintenance activities Supports CCAP	Help small businesses make inroads into electrification through targeted assistance Supports CCAP	Help jurisdictions meet their climate action goals, reduce greenhouse gas emissions Supports GOCAP and CCAP
ACTIONS	<ul style="list-style-type: none"> Build out facilities working group(FWG) further to create on-going conversations around facilities Launch a “roadmap to referral” program within FWG to provide cities with high touch guidance to decarbonize Encourage layering decarbonization into CIP 	<ul style="list-style-type: none"> Drive awareness of SMCEW offerings by school facilities personnel Contract with SMCOE to set up individual meetings with decision-makers, contact district personnel, host informational webinars Integrate lessons learned from Local Government efforts 	<ul style="list-style-type: none"> Expand category beyond “hard-to-reach” Promote measure-specific programs and funding opportunities to unique customer types by leveraging community partnerships Identify pilots or research opportunities to forward electrification for small businesses 	<ul style="list-style-type: none"> Provide ongoing comprehensive and tailored technical support that enables cities to develop & adopt climate action plans Facilitate implementation groups to drive project- and implementation-oriented collaboration
LEVEL OF FOCUS	HIGH	2026: LOW to MEDIUM 2027: Increase activity based on lessons learned from Local Government efforts	MEDIUM Look for opportunities to address customer segments via collaborations	HIGH





Questions?

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