

RICAPS Monthly Meeting

April 22, 2025



Agenda

- 1:30 - 1:35** - Welcome and Agenda Review
- 1:35 - 2:00** - Announcements
- 2:00 - 2:25** - RICAPS Private Website for Collaboration
- 2:25 - 2:55** - Jurisdiction Round Robin Check-ins
- 2:55 - 3:00** - Meeting Closing



Announcements



MTC 2024 Climate Program Implementation Grants

\$2.25 million won for EV charging infrastructure!



- 4 individual but coordinated applications from San Carlos, East Palo Alto, Half Moon Bay, and Portola Valley
 - A model the MTC is interested in seeing more of; helped our application stand out
 - Streamlined procurement and project management
- PCE will provide most of the match in the form of existing incentives
 - Half Moon Bay providing some in-kind match to meet minimum match requirements
- 66 chargers
 - 62 Level 2
 - 4 DC Fast
- Prioritize multi-unit housing, transit-oriented communities, neighborhood hubs like parks, community centers, small business districts, focus on renters and residents without at-home charging options
- Innovative curbside approach



Municipal Decarbonization Support



- **Decarbonizing your CIP Event March 26th**
- How do we get decarbonization into your Capital Improvement Plans?
- **Takeaways**
 - Strong need to understand what equipment is actually being used in cities
 - Municipal equipment conditions inventory are often outdated/missing information
 - Best-fit replacement equipment lists
 - Cost estimates to bring to council/leadership



Methane Gas Catalogs



Start off with Methane Gas catalogs for your municipalities today!

Municipal Decarbonization Support Program

Work together in a cohort with similar municipalities

- **Next steps:**
 1. Methane Gas Catalog Report
 2. Facilities and CIP Staff Engagement
 3. Electrification Roadmap and Cost Estimation
 4. Template Policy Recommendations
 5. Municipal GHG Inventory



Municipalities Completed Catalog	Opportunities to complete
Millbrae	Belmont
Atherton	Burlingame
Half Moon Bay	Colma
SamTrans	Daly City
County of San Mateo (Partially)	East Palo Alto
	Foster City
	Hillsborough
	Menlo Park
	Pacifica
	Portola Valley
	Redwood City
	San Bruno
	San Carlos
	South San Francisco
	Woodside

Municipal Decarbonization Support



- **Catalogs!!**
- **Start off with Methane Gas catalogs for your municipalities**
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- **Next steps after catalog**
- **Talk to facilities staff and CIP staff**
- **Catalog Reports**
- **Roadmap**
- **Municipal inventories**
- **Funding applications together?**



Municipal Decarbonization Plans Offering



Pilot program

Cohort Based approach

Menu of support:

- **Methane Gas Cataloging:** Close review and documentation of all natural gas burning appliances within up-to-100,000 square feet of municipally-owned buildings.
- **Comprehensive Municipal Greenhouse Gas Inventory:** A detailed assessment that measures and categorizes GHG emissions from a municipality's own operations, including city-owned buildings, facilities, and vehicle fleets.
- **Electrification Roadmap and Cost Analysis:** A clear guide that prioritizes the transition of appliances from natural gas-burning appliances to electric appliances, based on the results from the Methane Gas Catalogue Tool. Rough order of magnitude cost estimates for priority projects.
- **Electric First Policy:** Develop and help adopt an Electric First Policy that would require new municipally-owned appliances be all-electric.



Interest form here:
<https://forms.gle/hH8HCayPqgycHnER6>



Heat Pump Water Heater Permitting Pilot Update



	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Coordination with Jurisdictions
Background Research		★	★														Individual interviews with permitting staff at each jurisdiction.
Pilot Planning and Preparation					★		★		★	★							Bi-monthly coordination meetings with pilot jurisdictions. Trainings prior to pilot implementation.
Pilot Implementation																	Ongoing support through pilot implementation period.

Key:



Opportunities for jurisdiction input and coordination

[Interview Tracker.xlsx](#)



PCE Celebrating Our Community of Practice

...



Gauging Reach Code Interest



The Building Electrification Implementation Group will be Focusing on Reach Codes for 2025!

If we did a coordinated engagement on one of the reach codes, would anyone else be interested in joining?

Which Reach Codes is your City Considering?

- *Current Focus of Implementation Group:*

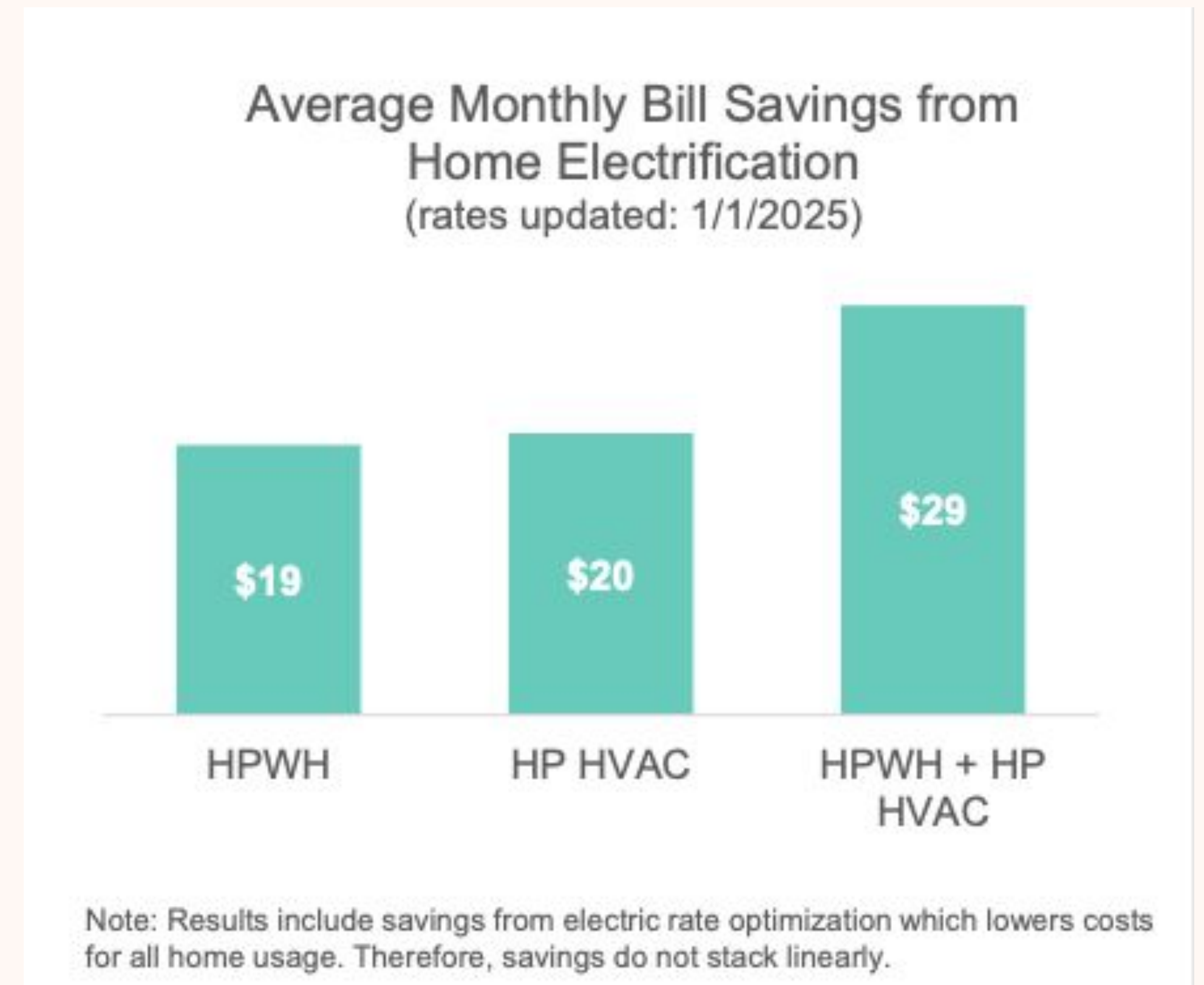
- 1) AC to heat pump
- 2) Secondary - FlexPath for renovations



PCE/SVCE Bill Impacts of Home Electrification Study



- On average, **a home saves \$30 per month** by switching to heat pumps.
- Heat pump water heater retrofits provide the most consistent bill savings of all modeled scenarios.
- Heat pump HVAC retrofits see a wider range of bill impacts due to increased variables (technology, sizing, thermostat settings, etc.), but overall provide savings for most customers.
- Switching to an “electrification friendly” rate (E-ELEC or EV-2) as quickly as possible is key to unlocking savings. This makes all household electricity use cheaper, saving money.



Film Screening for CAP Practitioners: *Legion 44*

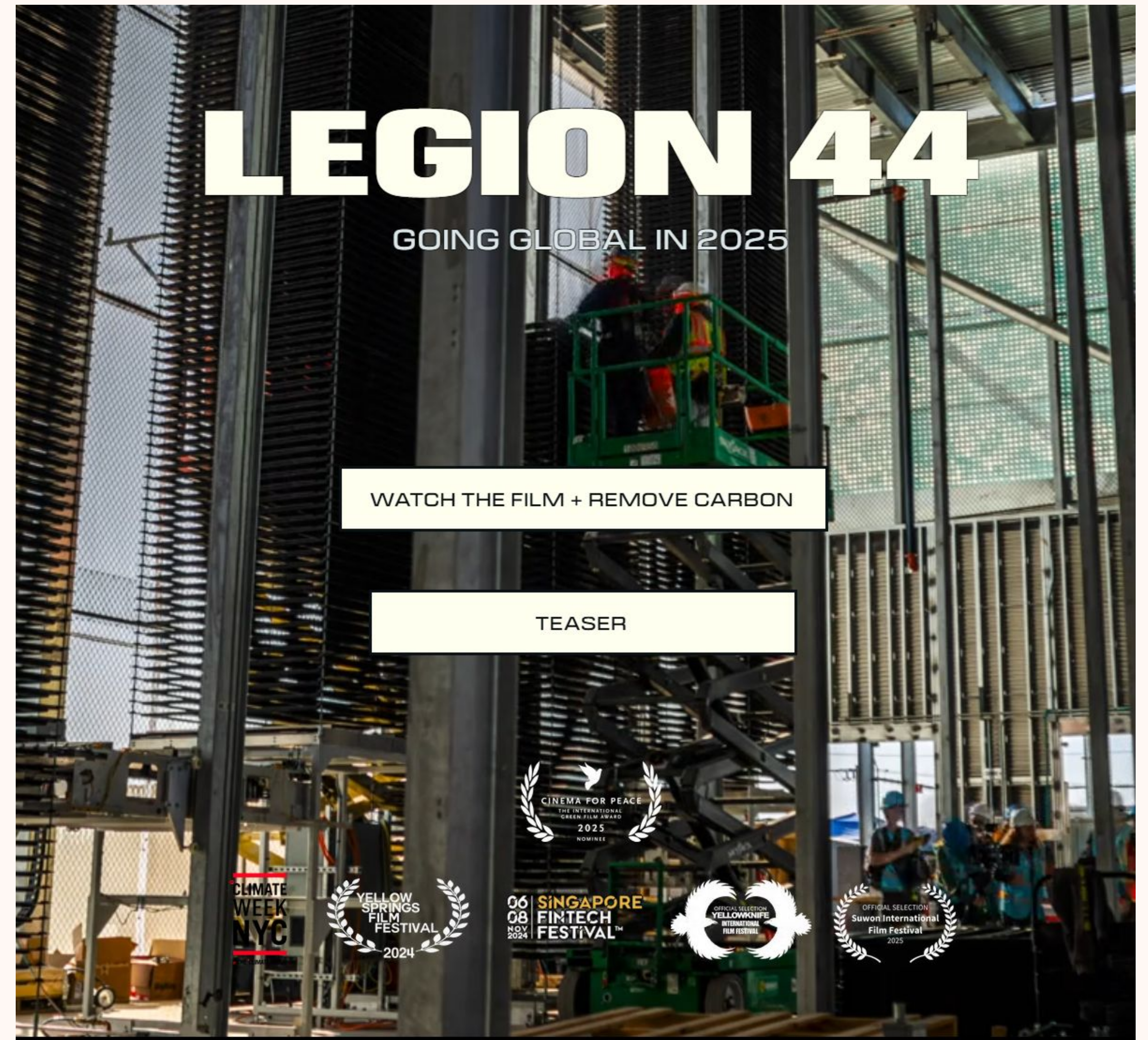


Legion44 is a film about the science, technologies, innovators, and challenges that lay ahead for the Carbon Dioxide Removal (CDR) industry and where it fits in climate action plans.

RICAPS screening + discussion

When: Friday May 23, 2:30 - 5:30pm

Where: TBD



Energy Code Expert Training - Associate Energy Analyst Academy

- The AEA accreditation is no-cost, and targeted to professionals who work closely with the California Building Energy Efficiency Standards
- This would include but not be limited to utility staff, building officials, architects, engineers, manufacturers and similar.
- After finishing, you can expect to:
 - Have the knowledge needed to quickly and effectively enforce Energy Code requirements
 - Build your confidence that permit applications are compliant and inspections are up to code
 - Challenge your knowledge of the Energy Code and deepen your understanding of all its requirements
 - Boost your professional development by becoming an AEA accredited professional
- Visit <https://cabec.org/aea/> for more information



Additional Announcements



- Galen
- Becky



RICAPS Private Website for Collaboration

← → ↺

smcgov.sharepoint.com/teams/RICAPSClimateCollaborative

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COUNTY of SAN MATEO

Microsoft 365

🔍 Search this site

🗣️ ⚙️ ? AY

RIC

RICAPS Climate Collaborative

Private group 8 members

Published 4/22/2025 📄 Share ✎ Edit ↗️

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California E-Bike Incentive Project: Vouchers for E-Bikes

The California E-Bike Incentive Project will provide...


 Anna Yip about a minute ago



PCE Celebrating Community Effort in Passing Reach Codes

Our pals at Peninsula Clean Energy...

Anna Yip 4 minutes ago




RICAPS Secures \$2.25M in EV Infrastructure Grants!

Four San Mateo County jurisdictions...

Anna Yip 10 minutes ago


Activity

See all




SitePages

California E-Bike Incentive Project: Vouchers for E-Bikes



SitePages

PCE Celebrating Community Effort in Passing Reach Codes



SitePages

RICAPS Secures \$2.25M in EV Infrastructure Grants!

Documents

See all

+ New ⌵ ... ☰ All Documents ⌵ ⓘ

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Name ⌵

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Grants

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Implementation Groups

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Reports

📁

RICAPS Meetings

📁

Tools



Avana Andrade


Senior Sustainability Specialist

AY

Anna Yip

Quick links

🌐 Learn about a team site



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Thank you!



Key Questions Addressed in the Explainer

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What causes power outages?



Will building and vehicle electrification cause more power outages?



What should local governments do to meet climate goals while keeping the grid resilient?



This explainer can be used as a communication tool for:

- Public
- Electeds
- City staff



...

1. How do you envision using this explainer?
2. How will you use this information to support building electrification?
3. Who else would benefit from this information?
4. What format would be most useful for you to distribute this information (e.g. hard copy; PDF on website)?



Discussion/ Questions



Methane Gas Catalog Tool Roadmap

- Final report to be released in August
- Purpose: Show findings on existing gas equipment in City facilities from pilot group ☐ bring roadmap forward to electrify equipment
- Target Audience: City staff, public works/ facilities, electeds, sustainability staff



San Mateo County Municipal Electrification Roadmap

Methane Gas Catalog Tool

prepared with the assistance of

Rincon Consultants, Inc.
449 15th Street, Suite 303
Oakland, California 95612

Willdan
1939 Harrison Street, Suite 430
Oakland, California 94612

May 2024



Break! Please Return In
10 minutes

