

RICAPS Monthly Meeting

October 22, 2024



Agenda

1:30-1:35 - Welcome & Agenda Review

1:35-1:40 - Announcements

1:40-2:00 - Bay Area Air Quality Management District - Regional Approaches to EV Adoption & Organic Waste Recycling

2:00-2:55 - Peninsula Clean Energy - Feedback on Strategic Planning

3:00 - Closing



Announcements



Announcements: Upcoming RICAPS meetings

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- **November's meeting will be virtual**
 - November 19th from 1:30 - 3:00pm
- **December's end-of-year meeting will be in person**
 - December 3rd from 12:00 - 3:00pm
 - Location TBD



Sizzle and Sisig: Induction Cooking with Chef Reina Montenegro



October 24 from 6:30 - 8:00pm

**South San Francisco Library | Parks & Recreation Center,
Social Hall, 901 Civic Campus Way, South San Francisco**



Electrical and Plumbing Contractors Wanted!



SMCEW is putting together a cost study on commercial kitchen electrification and needs to find electrical and plumbing contractors to provide quotes for the cost of infrastructure upgrades.

Are there any public agencies that have a current on-call contract with these types of contractors?



Sustainable San Mateo County Now Accepting Applications for Sustainability Award



Applications are due at 11:59 p.m. on **November 11**. These awards are highly competitive. Many excellent organizations and individuals have applied numerous times before winning one.

We'll present three Sustainability Awards at our **26th annual Awards Celebration on Thursday, April 3**, at the College of San Mateo. About 300 people attend this gala event each year, including many leaders in government, business and the nonprofit world. It's a great opportunity to mingle with people in San Mateo County who are working on sustainability issues.



Validating GHG Inventory Modeling: UC Berkeley's CoolClimate Network



Chris Jones, Director at the CoolClimate Network, Energy and Resources Groups at Berkeley recently reached out asking for GHG inventory results for San Mateo County cities so his research team could compare our/your results to their model.

Their research program is developing GHG inventories for most jurisdictions in California as part of a much larger effort to do what RICAPS does but at a larger scale.

Who would be willing to share their inventories (the entire workbook) with Chris for this purpose? It would NOT be shared beyond their research team.



BayREN Forum- It's Not Easy Being Green: Workforce Development, Codes and & Decarbonization



Thursday November 21, 2024

9:00 AM



From contractors to energy consultants to building department staff and more, the **Bay Area needs sufficient trained personnel to carry out projects and ensure energy and greenhouse gas reductions are realized.** Speakers will **explore the relationship between workforce development and decarbonization,** provide information about **existing workforce development programs** and efforts, and **discuss gaps and challenges.**

This online Forum is free and open to all.





Bay Area Air Quality Management District

Regional Approaches to EV Adoption &
Organic Waste Recycling

October 22, 2024

Forest Abbot-Lum and
Jasmine Rogers Gibson
BAAQMD





Peninsula Clean Energy

Feedback on Strategic Plan

October 22, 2024

Jana Kopyciok-Lande
PCE

Lester Olmstead-Rose
La Piana Consulting



Peninsula Clean Energy

RICAPS Meeting

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Strategy Development Process Overview



Critical Question One:

Procurement

PCE recently set a procurement goal *to achieve 100% renewable energy on an annual basis by 2030 through strategic and cost-effective procurement of resources that maximize Peninsula Clean Energy's 24/7 hourly matching of renewable energy and load.*

- Renewable energy includes include solar, wind, geothermal, small hydroelectric, biopower, and ocean thermal and tidal facilities
- 24/7 hourly matching means matching renewable energy with customer demand in each and every hour of the day

Critical Question One: Procurement

There are four components to be weighed in this discussion:

- 24/7 hourly matching as soon as possible
- Renewable (100% on annual basis by 2030)
- GHG-free energy on an annual basis
- Affordability



Critical Question One: Discussion

The issue PCE faces is that getting to 24/7 hourly matching, which results in greater emissions reduction, is more expensive than securing 100% renewable on an annual basis.

1. What questions do you have about this issue?
2. What balance do you think PCE should set between getting to 24/7 hourly matching and affordability?

Critical Question Two: Equity

- PCE currently spends about 25% of its self-funded programs budget in serving low-income customers. (This budget does not include additional funding PCE receives from other state sources to benefit low-income customers.)
- “Equity customers” includes those who’ve been historically underserved due to income, wealth, geography, redlining or other forms of racism, cultural biases, language barriers, discrimination, or structural challenges to serving them.



Critical Question Two: Discussion

3. What questions do you have about this issue?
4. Now, overall, how would you like to see PCE strike a balance between focusing its programs on helping equity customers reduce emissions and greatest emissions reductions overall?

Critical Question Three: Lines of Business

PCE needs to have confidence that the transmission and distribution grids can deliver its product. In the longer term, as demand side energy generation grows, PCE's generation revenues will decrease, which may ultimately yield an unsustainable business model.

Critical Question Three: Possible New or Modified Lines of Business

1. Energy and Decarbonization Consulting & Technical Assistance
2. Diversifying PCE's Energy Supply
3. Transmission and Distribution Infrastructure Advocacy
4. Financial Services and Partnerships
5. Neighborhood Decarbonization Zones



Critical Question Three: Discussion

5. What questions do you have about this issue?
6. Are there other areas of work that you think are essential for PCE to consider doing more of or getting into?
7. Of the areas of work identified, are there any you think are essential for PCE to engage in — or any that are not a priority or best left for others to do?

Thank you!

Lester Olmstead-Rose
olmstead-rose@lapiana.org

La Piana
CONSULTING



Thank you!