Peninsula Clean Energy
Board of Directors Meeting
February 22, 2018
Agenda

Call to order / Roll call

Public Comment

Action to set the agenda and approve consent items
1. PUBLIC EMPLOYEE PERFORMANCE REVIEW

Title: Chief Executive Officer
2. RECONVENE OPEN SESSION AND REPORT OUT OF CLOSED SESSION
3. Chair Report (Discussion)
4. CEO Report (Discussion)
Personnel Update

• Interviewing candidates for:
  – Power Resources Manager
  – Energy Programs Manager/Director

• Expect to make offers by end of month
Staff Training
PCE to receive 2018 Sustainability Award

Awards Dinner Thursday March 29, 5:30 pm at College of San Mateo

PCE sponsoring at “Community Sponsor” Level

PCE will purchase tickets for board members

- Who can attend???
Regulatory:

• Met with CPUC Commissioner Rechtschaffen on January 16, 2018

• Met with CPUC Commissioner Peterman on January 24, 2018

• Dave Pine and Jan Pepper spoke at rally at CPUC before CPUC meeting regarding Resolution E-4907 (RA procurement)
• Joint Utilities “Petition for Modification” requesting CPUC to relax the utility code of conduct to allow utilities to lobby cities and counties, and state their positions in the press.

• Joint Utilities using First Amendment arguments including those of Citizens United.

• PCE taking lead on behalf of CalCCA to draft response, which will be filed next week.
5. Citizens Advisory Committee Report (Discussion)
6. Audit and Finance Committee Report (Discussion)
7. Marketing and Outreach Report (Discussion)
Thank you Town of Colma for opting up!

**Current ECO100 Municipal Accounts**

<table>
<thead>
<tr>
<th>County of San Mateo</th>
<th>Town of Atherton</th>
</tr>
</thead>
<tbody>
<tr>
<td>City of Belmont</td>
<td>Town of Colma</td>
</tr>
<tr>
<td>City of Brisbane</td>
<td>Town of Hillsborough</td>
</tr>
<tr>
<td>City of Burlingame</td>
<td>Town of Portola Valley</td>
</tr>
<tr>
<td>City of Foster City</td>
<td>Town of Woodside</td>
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<tr>
<td>City of Menlo Park</td>
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<tr>
<td>City of Millbrae</td>
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<tr>
<td>City of Redwood City</td>
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<tr>
<td>City of San Carlos</td>
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<tr>
<td>City of San Mateo</td>
<td></td>
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</tbody>
</table>
Outreach Small Grants Pilot

- Application launched on PCE website Feb 15th
- Link sent to 20 local nonprofits and listservs
- Eligibility: nonprofits reaching residents in San Mateo County, especially:
  - Low income residents
  - Seniors
  - Medical Baseline discount
  - Low English proficiency
  - Focus on North County
Please Spread the Word

- Up to $10K/grant
- Funds six-month outreach collaboration
- PCE provides training, speakers, support

Applications due by March 9th
# Chamber of Commerce Progress

<table>
<thead>
<tr>
<th>Chambers</th>
<th>Joined</th>
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<tbody>
<tr>
<td>Burlingame</td>
<td>Yes</td>
</tr>
<tr>
<td>Daly City/Colma</td>
<td>Yes</td>
</tr>
<tr>
<td>Millbrae</td>
<td>Yes</td>
</tr>
<tr>
<td>Pacifica</td>
<td>Yes</td>
</tr>
<tr>
<td>San Bruno</td>
<td>Yes</td>
</tr>
<tr>
<td>San Mateo</td>
<td>Yes</td>
</tr>
<tr>
<td>South San Francisco</td>
<td>Yes</td>
</tr>
<tr>
<td>Foster City</td>
<td>Yes</td>
</tr>
<tr>
<td>Half Moon Bay</td>
<td>Yes</td>
</tr>
<tr>
<td>San Carlos</td>
<td>Yes</td>
</tr>
<tr>
<td>East Palo Alto</td>
<td>In Progress</td>
</tr>
<tr>
<td>Redwood City</td>
<td>In Progress</td>
</tr>
<tr>
<td>Belmont</td>
<td>Not Yet</td>
</tr>
<tr>
<td>Brisbane</td>
<td>Not Yet</td>
</tr>
<tr>
<td>Menlo Park</td>
<td>Not Yet</td>
</tr>
</tbody>
</table>
Outreach Through Schools and Youth

PCE is reaching families through youth and schools:

- County STEM Fair
- School career day
- Boy Scouts
- AP Environmental Science classes
- SMC Office of Education STEM Center
How Cities Can Help

1. Place PCE ads in Spring Parks and Rec mailers
2. Connect us with senior centers for outreach
3. PCE updates in city newsletters, website
4. Invite PCE to update your Council
5. Check your Nextdoor

Thank You!
8. Regulatory and Legislative Report (Discussion)
– Filings

  • PCE, as part of CalCCA, filed a Motion requesting an extension in the schedule of the PCIA docket to accommodate delays in receiving necessary data from the investor-owned utilities. CalCCA also filed a Response to the IOU’s Response on CalCCA’s motion. (PCIA, R.17-06-026).

  • PCE, as part of a coalition of CCAs, filed Comments on the Scoping Memo issued in the Commission’s new Resource Adequacy docket (R.17-09-020). PCE, as part of the coalition, also filed Comments presenting proposals on a number of resource adequacy related topics within the docket’s Track 1.
Meetings with CPUC Commissioners and staff regarding the Commission’s Integrated Resource Planning docket:

• January 24 – Jan Pepper, Jeremy Waen, Michael Brownrigg, Mayor of Burlingame, and Vidhya Prabhakaran, outside counsel to PCE, met with Commissioner Carla Peterman

• February 1 - Jan Pepper, Joseph Wiedman, and Jeremy Waen met with Commissioner Liane Randolph and her staff

• February 1 - Jan Pepper, Joseph Wiedman, and Jeremy Waen met with David Peck, Energy Advisor to CPUC President Michael Picker

• February 6 - Joseph Wiedman met with Commissioner Martha Guzman-Aceves and her staff
January/February Legislative Activities

• On Wednesday, January 24th and Thursday, January 25th, CalCCA held lobby days in Sacramento. Joseph Wiedman attended on behalf of PCE:
  – Meetings with Assemblymembers Eduardo Garcia, Al Muratsuchi, and Chris Holden; Gabrielle Zeps, Policy Consultant for Speaker of the Assembly Anthony Rendon, Kip Lipper, Energy Advisor to the Senate President Pro Tem, and Edson Perez, staff to incoming Senate President Pro Tem Toni Atkins.
  – Legislator Briefing hosted by Senator Mike McGuire. Assemblymember Mark Berman, Senator Scott Wiener, and Senator Jerry Hill attended the briefing from PCE’s service territory.
  – Legislative Staff Briefing on CalCCA.
9. Selection of the Chair and Vice Chair (Action)
10. Update JPA Voting Shares (Action)
JPA Weighted Voting Shares 2018
February 22, 2018

Leslie Brown
Director of Customer Care
Section 3.7 of the Peninsula Clean Energy Authority (PCEA) Joint Powers Agreement (JPA) allows for a ‘weighted’ voting option. Voting weight is determined by each jurisdiction’s annual kWh consumption.
## ANNUAL ENERGY USE WITHIN PCE JURISDICTIONS AND VOTING SHARES

Twelve Months Ended December 2017

<table>
<thead>
<tr>
<th>Party</th>
<th>Total kWh</th>
<th>Voting Share</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATHERTON</td>
<td>62,664,288</td>
<td>1.80%</td>
</tr>
<tr>
<td>BELMONT</td>
<td>88,333,458</td>
<td>2.54%</td>
</tr>
<tr>
<td>BRISBANE</td>
<td>57,469,444</td>
<td>1.65%</td>
</tr>
<tr>
<td>BURLINGAME</td>
<td>202,761,927</td>
<td>5.83%</td>
</tr>
<tr>
<td>COLMA</td>
<td>20,071,085</td>
<td>0.58%</td>
</tr>
<tr>
<td>DALY CITY</td>
<td>240,149,652</td>
<td>6.90%</td>
</tr>
<tr>
<td>EAST PALO ALTO</td>
<td>67,751,822</td>
<td>1.95%</td>
</tr>
<tr>
<td>FOSTER CITY</td>
<td>177,259,733</td>
<td>5.10%</td>
</tr>
<tr>
<td>HALF MOON BAY</td>
<td>55,749,795</td>
<td>1.60%</td>
</tr>
<tr>
<td>HILLSBOROUGH</td>
<td>55,357,571</td>
<td>1.59%</td>
</tr>
<tr>
<td>MENLO PARK</td>
<td>266,754,006</td>
<td>7.67%</td>
</tr>
<tr>
<td>MILLBRAE</td>
<td>75,810,842</td>
<td>2.18%</td>
</tr>
<tr>
<td>PACIFICA</td>
<td>97,630,827</td>
<td>2.81%</td>
</tr>
<tr>
<td>PORTOLA VALLEY</td>
<td>22,162,037</td>
<td>0.64%</td>
</tr>
<tr>
<td>REDWOOD CITY</td>
<td>464,545,460</td>
<td>13.35%</td>
</tr>
<tr>
<td>SAN BRUNO</td>
<td>133,176,510</td>
<td>3.83%</td>
</tr>
<tr>
<td>SAN CARLOS</td>
<td>152,028,851</td>
<td>4.37%</td>
</tr>
<tr>
<td>SAN MATEO</td>
<td>457,510,644</td>
<td>13.15%</td>
</tr>
<tr>
<td>SOUTH SAN FRANCISC</td>
<td>516,696,376</td>
<td>14.85%</td>
</tr>
<tr>
<td>UNINCORPORATED</td>
<td>224,953,843</td>
<td>6.47%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
<td></td>
</tr>
</tbody>
</table>
11. Approve Endorsement of the Citizen’s Climate Lobby’s Carbon Fee and Dividend Proposal (Action)
12. Review Insurance Coverage (Discussion)
13. Create a New Residential Time-of-Use, TOU-C, Electric Rate (Action)
New Time of Use Rate TOU-C

February 22, 2018

Leslie Brown
Director of Customer Care
New Time of Use Rate TOU-C

- PG&E is launching a new residential Time of Use Rate, TOU-C, April 1st, 2018
- Will be offered to 150,000 PG&E bundled customers via opt-out enrollment process
- Part of a multi-year plan by the CPUC to transition all residential customers to a Time of Use rate
Why does this matter for PCE?

– Rate will be available to all residential customers

– New time bands do not match existing Time of Use rates
New Time of Use Rate TOU-C

Check the hour before using power

The Time-of-Use (Peak Pricing 4–9 p.m. Every Day) rate plan has two time periods:

- $ Lowest price (OFF-PEAK) 19 hours each day
- $$ Highest price (PEAK) 5 hours each day

7 DAYS A WEEK

Midnight 4 p.m. 9 p.m. Midnight
New Time of Use Rate TOU-C

• Maintain consistency and PCE value proposition
• Minimize potential confusion and billing errors
• Support customer choice
PCE staff is recommending that the Board authorize the creation and implementation of a new residential Time of Use rate, TOU-C, to mirror PG&E with a net 5% generation discount
14. PCE Rate Change Update (Discussion)
PCE 2018 Rate Adjustment
February 22, 2018

Leslie Brown
Director of Customer Care
PCE 2018 Rate Adjustment

- PG&E Advice letter released February 16\textsuperscript{th} with latest rate information for March 1, 2018 rate increase
- PCE rate adjustments are being calculated and will be implemented shortly after PG&E rates go into effect
- PCE maintaining 5\% discount across the board
- New PCE rates and effective date will be published online as soon as they are available
## PCIA 2018 Increases

<table>
<thead>
<tr>
<th>PCIA</th>
<th>2017</th>
<th>2018</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential</td>
<td>$0.02919</td>
<td>$0.03346</td>
<td>14.63%</td>
</tr>
<tr>
<td>A1</td>
<td>$0.02199</td>
<td>$0.02466</td>
<td>12.14%</td>
</tr>
<tr>
<td>A10</td>
<td>$0.02253</td>
<td>$0.02502</td>
<td>11.05%</td>
</tr>
<tr>
<td>E19</td>
<td>$0.01889</td>
<td>$0.02104</td>
<td>11.38%</td>
</tr>
<tr>
<td>Streetlights</td>
<td>$0.00424</td>
<td>$0.00589</td>
<td>38.92%</td>
</tr>
<tr>
<td>Standby</td>
<td>$0.01022</td>
<td>$0.01196</td>
<td>17.03%</td>
</tr>
<tr>
<td>Agriculture</td>
<td>$0.02134</td>
<td>$0.02463</td>
<td>15.42%</td>
</tr>
<tr>
<td>E20T</td>
<td>$0.01532</td>
<td>$0.01735</td>
<td>13.25%</td>
</tr>
<tr>
<td>E20P</td>
<td>$0.01680</td>
<td>$0.01888</td>
<td>12.38%</td>
</tr>
<tr>
<td>E20S</td>
<td>$0.01813</td>
<td>$0.02025</td>
<td>11.69%</td>
</tr>
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</table>
## 2018 Rate Adjustments

250,000+ PCE Customers are served on the E1 Tariff

<table>
<thead>
<tr>
<th>Rate Schedule</th>
<th>PG&amp;E Proposed Rate</th>
<th>PG&amp;E Current Rate</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-1</td>
<td>$0.10780</td>
<td>$0.09838</td>
<td>9.58%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rate Schedule</th>
<th>PCE Proposed Rate</th>
<th>PCE Current Rate</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-1</td>
<td>$0.06840</td>
<td>$0.06369</td>
<td>7.40%</td>
</tr>
</tbody>
</table>
PCE is able to maintain a 5% discount across all rate schedules for 2018
15. Update on 2018 RFO for Renewable and Storage Resources (Discussion)
2018 Renewables & Storage Request for Offers
February 22, 2018

PENINSULA CLEAN ENERGY
Agenda

• Integrated Resource Plan (IRP) Background
• Request for Offers (RFO) Overview
• RFO Results Summary
• Next Steps
IRP Background
In December 2017, PCE’s Board approved PCE’s first Integrated Resource Plan (IRP):

- Documents PCE’s current procurement status; and
- Outlines PCE’s resource planning policies and objectives over a ten-year planning timeframe.

Open Position

- Increasing open position as we go out in time
- Annual procurements to meet 15-25% of load (550 – 950 GWh)
Designing A Diverse Portfolio

Term Length
Additionality
Ownership
Size
Location
Technology
RFO Overview
RFO Process

1. PRE-REGISTRATION

2. OFFERS DUE
   Offers were due Friday, February 9, 2018.

3. PCE EVALUATES OFFERS
   PCE evaluates each offer according to the Eligibility Criteria.

4. SHORT-LIST CANDIDATES NOTIFIED
   PCE notifies short-listed candidates by Friday March 9th, 2018.

5. NEGOTIATIONS AND EXECUTION
   PCE will negotiate with short-listed candidates.
   Selected projects will go to PCE’s Board for approval.
Evaluation Criteria

**Quantitative**
- Market forward prices
- Value of capacity
- Value of energy storage, if applicable
- Proposed contract price

**Qualitative**
- Project viability
- Consistency with PCE mission & IRP
- Consistency with Workforce policy
- Consistency with Sustainable Vendor policy
- Environmental impacts and required mitigation
Workforce Policy

• Bidders were required to submit information related to PCE’s Sustainable Workforce Policy

• Information submitted by bidders will be used to evaluate potential workforce impacts of proposed projects with the goal of promoting:

  – Fair compensation;
  – Fair worker treatment;
  – Multi-trade collaboration; and
  – Support of the existing wage base in local communities where contracted projects will be located.
Peninsula Clean Energy (PCE) is committed to the highest standards of responsible behavior and integrity in all of its business relationships. PCE will consider a company’s business practices, environmental track record, and commitment to sustainability in its procurement decisions.

- Bidders were asked to describe their company’s:
  - Business practices,
  - Environmental track record, and
  - Commitment to sustainability.
Environmental Criteria

- Received input from Defenders of Wildlife, Sierra Club, and The Nature Conservancy
- Ensure that the projects are built and operated in a way that protects lands for people and nature
- Improve the assessment of project and portfolio viability
- We asked bidders to provide information on the following:
  - Known environmental issues on the project site
  - Permit status including:
    - Application with land use authority;
    - Whether the project is located on land with potential resource conflicts;
    - Status biological and archaeological surveys;
    - Wildlife permits; and
    - CEQA/NEPA
RFO Results Summary
Summary Stats

Solar Projects
- 113 Unique Offers\(^1\)
- Average Annual MWh: 287K = 7.6% of PCE load\(^2\)

Wind Projects
- 23 Unique Offers\(^3\)
- Average Annual MWh: 276K = 7.3% of PCE load\(^2\)

Other Projects
- 5 Unique Offers
- Average Annual MWh: 101K = 2.7% of PCE load\(^2\)

1. Includes solar + storage
2. PCE’s Annual load is 3,800,000 MWh
3. Includes wind + storage
*A darker color indicates a higher number of offers in that county.
*We combined biomass, geothermal and hydro because we didn’t receive enough offers in those categories for separate maps.
Price Comparison to PCE’s Previous RFO

Normalized Prices of Wind and Solar PPAs
2018 RFO vs. 2016 RFO
Next Steps
Evaluation

- PCE Staff are currently evaluating proposals against the evaluation criteria identified above.

- Will meet with Board ad hoc committee to present recommendations on short-list.

- Once we have completed our evaluation, we will notify Participants of the status of their proposal.

- We expect to complete the evaluation and notifications by March 9, 2018.
16. Board Members’ Reports (Discussion)
Adjourn