Agenda

- Call to order / Roll call
- Public Comment
- Action to set the agenda and approve consent items
Closed Session

1. PUBLIC EMPLOYEE PERFORMANCE EVALUATION
   Title: Chief Executive Officer
Closed Session

2. CONFERENCE WITH LABOR NEGOTIATORS
3. RECONVENE OPEN SESSION AND REPORT ANY ACTION(S) TAKEN DURING CLOSED SESSION
Regular Agenda

1. Chair Report (Discussion)
Regular Agenda

2. CEO Report (Discussion)
Staffing Update

Welcome to Phillip Kobernick!
- Programs Manager

Positions filled:
- Senior Financial Analyst: Hailey Wu – start date of August 1

Other open positions:
- Administrative Assistant
- Building Electrification Programs Manager
- Business Relationship Manager
- Director of Marketing
Key Meetings

- Attended meeting with Bill Johnson, PG&E CEO on Monday July 22, with 8 CCA CEO’s. Regular meetings with him and senior PG&E management will be held in the future.

- Presented at EPRI Electrification Symposium, with CPUC Commissioner Genevieve Shiroma and CEC Commissioner Patricia Monahan
Reach Codes Update

- All cities will be adopting new building codes this year

- Opportunity to adopt stronger codes for new building electrification and EV infrastructure through REACH CODES

- PCE working with SVCE and SJCE to promote this throughout the region

Encourage your city to sign the LOI for $10,000 funding to support your consideration of the Reach codes
## Reach Codes Update

<table>
<thead>
<tr>
<th>PCE Member Agency</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atherton</td>
<td>Expressed Interest</td>
</tr>
<tr>
<td>Belmont</td>
<td>Actively Engaged</td>
</tr>
<tr>
<td>Brisbane</td>
<td>LOI Received</td>
</tr>
<tr>
<td>Burlingame</td>
<td>LOI Received</td>
</tr>
<tr>
<td>Colma</td>
<td>Actively Engaged</td>
</tr>
<tr>
<td>Daly City</td>
<td></td>
</tr>
<tr>
<td>East Palo Alto</td>
<td></td>
</tr>
<tr>
<td>Foster City</td>
<td></td>
</tr>
<tr>
<td>Half Moon Bay</td>
<td></td>
</tr>
<tr>
<td>Hillsborough</td>
<td>Actively Engaged</td>
</tr>
<tr>
<td>Menlo Park</td>
<td>LOI Received</td>
</tr>
<tr>
<td>Millbrae</td>
<td>LOI Received</td>
</tr>
<tr>
<td>Pacifica</td>
<td>LOI Received</td>
</tr>
<tr>
<td>Portola Valley</td>
<td>LOI Received</td>
</tr>
<tr>
<td>Redwood City</td>
<td>LOI Received</td>
</tr>
<tr>
<td>San Bruno</td>
<td></td>
</tr>
<tr>
<td>San Carlos</td>
<td></td>
</tr>
<tr>
<td>San Mateo (City)</td>
<td>LOI Received</td>
</tr>
<tr>
<td>South San Francisco</td>
<td>Expressed Interest</td>
</tr>
<tr>
<td>Woodside</td>
<td>Actively Engaged</td>
</tr>
<tr>
<td>Unincorporated San Mateo County</td>
<td>LOI Received</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SVCE Member Agency</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campbell</td>
<td>LOI Received</td>
</tr>
<tr>
<td>Cupertino</td>
<td>LOI Received</td>
</tr>
<tr>
<td>Gilroy</td>
<td>LOI Received</td>
</tr>
<tr>
<td>Los Altos</td>
<td>LOI Received</td>
</tr>
<tr>
<td>Los Altos Hills</td>
<td>LOI Received</td>
</tr>
<tr>
<td>Los Gatos</td>
<td>LOI Received</td>
</tr>
<tr>
<td>Milpitas</td>
<td>LOI Received</td>
</tr>
<tr>
<td>Monte Sereno</td>
<td>(expressed interest)</td>
</tr>
<tr>
<td>Morgan Hill</td>
<td>LOI Received</td>
</tr>
<tr>
<td>Mountain View</td>
<td>LOI Received</td>
</tr>
<tr>
<td>Saratoga</td>
<td>LOI Received</td>
</tr>
<tr>
<td>Sunnyvale</td>
<td>LOI Received</td>
</tr>
<tr>
<td>Uninc. Santa Clara County</td>
<td>(expressed interest)</td>
</tr>
</tbody>
</table>
PCE Strategic Planning Process

• Met with Board Committee to review RFP on July 19
  • Thank you to Donna Colson, Rick DeGolia, Giselle Hale, Laura Parmer-Lohan, and Daniel Yost!

• Schedule:
  • Monday, July 29 – Issue RFP
  • Tuesday, August 20 – Proposals Due
  • Week of August 26 – Interview Top Candidates
  • Tuesday, September 3 – Notify Awardee
  • Monday, September 9 – Contract Start
Legislative/Regulatory Update

• PCE’s Legislative Committee met this afternoon
  • Thank you to Rick Bonilla, Rick DeGolia, Pradeep Gupta, and Daniel Yost
  • Key items discussed:
    • SB 520
    • AB 1054/AB111 – wildfire package
  • Thank you for your calls to help defeat AB 56
  • PG&E Bankruptcy update
Other Updates

- Procurement Committee met with PCE staff on July 11
  - Thank you to Jeff Aals, Donna Colson, Pradeep Gupta, John Keener, and Carlos Romero

- PCE staff will be bringing 2 to 3 long-term PPAs to the board for approval in next 2 – 3 months

- Marketing Committee will meet with PCE staff and Marketing Consultant on August 1
City specific meetings

Check-in’s – at least annually, with each city/town/county to:

- Meet with each city’s appointed members to PCE’s Board, and their City Manager if possible
- Gain perspective on city needs / priorities
- Share ideas and focus for the future

We’ve sent emails today to those cities where it’s coming up on a year since we’ve done this check-in.
Upcoming Meetings

Reminders:

- Executive Committee Meeting **cancelled** for August 12

- September Board meeting will take place on **Saturday, September 28**
  NOTE: This is the annual Board Retreat, from 8:00 a.m. to 1:00 p.m.

- CalCCA Annual Summit: November 6-7, Redondo Beach
PCE Board Retreat – Sept 28, 8 am to 1 pm

Possible Agenda Topics:

- PCE Strategic Plan Update
- PCE Goals – review and revise
- Risk Analysis:
  - Financial
  - Procurement
  - Regulatory / Legislative
- Resilience Planning
- Marketing Plan Update
- Organizational Update

Possible special meeting of the Executive Committee on August 8 or 9 to review the board retreat agenda
Regular Agenda

3. Citizens Advisory Committee Report (Discussion)
Regular Agenda

4. Appointment to the Citizens Advisory Committee (CAC) (Action)
Regular Agenda

5. Energy Use in LEED Platinum Building Designs: Case Study of Veterans Memorial Building / Senior Center-YMCA Project in Redwood City (Discussion)
Regular Agenda

6. Authorize the Chief Executive Officer to execute agreement(s) with auto dealers whose proposals have been selected to participate in PCE’s 2019 EV Dealer Program (Action)
New EV Dealer Incentive Program: Request

**Program:** New EV Dealer Incentive program approved by the Board approved April 2019 ($1.6M over 3 years)

**Request:** Delegate authority to CEO to execute agreements with selected local dealerships (one per manufacturer brand)

**Amount:** Up to $250,000 per agreement
High-Level Roadmap

- **Transportation**
  - Personal cars
  - Fleets
- **Renewables**
  - Municipal
  - Community
- **Building Electrification**
  - New
  - Existing
- **Load Shape**
  - Analytics
  - Storage
  - Load Control, VGI
- **Innovation**
  - Technology Innovation
  - Pilots
- **Engagement**
  - Community Engagement
- **Grants**
  - Significant external grants and responsive action on complementary work

<table>
<thead>
<tr>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Pilots
## Transportation Detail

<table>
<thead>
<tr>
<th>Category</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal</td>
<td>Ride &amp; Drives, New &amp; Low-Income Purchase Incentives</td>
<td>MUD &amp; Workplace Infrastructure Incentives &amp; Tech Assistance</td>
<td>Fast-charging, curbside</td>
<td></td>
</tr>
<tr>
<td>Multi-unit dwelling &amp; Workplace</td>
<td></td>
<td></td>
<td>Shared Mobility</td>
<td></td>
</tr>
<tr>
<td>Public Charging</td>
<td></td>
<td></td>
<td>Municipal fleets</td>
<td></td>
</tr>
<tr>
<td>Shared Mobility</td>
<td></td>
<td></td>
<td>School &amp; Transit Buses</td>
<td></td>
</tr>
<tr>
<td>Public Light-Duty Fleets</td>
<td></td>
<td></td>
<td></td>
<td>Cash for Clunkers</td>
</tr>
<tr>
<td>School &amp; Transit Buses</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EV Cash For Clunkers</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Electric Vehicles in San Mateo County

- **2018**: 19,000 (out of 670,000)
- **State Goal by 2025**: 45,544 EVs in San Mateo County

**PENINSULA CLEAN ENERGY**
Program Background

**Objective:** Lower cost of new EVs to increase EV adoption above business as usual in end-year cycle

**Timeframe:** 2018 program, approved for 3-year (2019-21) continuation in April 2019 Board meeting
- Promotion during Q4 each year

**Budget (allocation over 3 years):** $1,600,000
- $1,250,000 incentives (customer and dealer)
- $100,000 program administration (training, rebate mgmt., etc.)
- $250,000 marketing (marketing budget)
2018 Program Summary

• Three partner dealers
  • Nissan of Burlingame
  • Stewart Chevrolet
  • Peter Pan BMW

• Significant dealer discounts
  • Purchase: $1,750 - $6,000
  • Lease $5,550 - $14,000

• PCE incentive: $1,000

• Marketing to 290,000 customers
  • >1M impressions (mail, email, print/online ads)

• License plate frame added to all vehicles
2018 Program Results

- 120 vehicles sold/leased (40% leased)
- Stimulated economic activity in County
  - Over $4 million in sales
  - Over $400,000 in taxes and fees
- Avoided 4,100 tons of CO2 emissions over 10 years
- Positive feedback

“The rebate was a very big incentive for me to come up here and buy the car.”
– Robert S.

“Everyone coming in knew about the program. We definitely want to do it again next year.”
– Dealer
2019 Program Details

Program details:
• Discounts from partner dealer(s), one dealer per manufacturer
• Customer incentives: $1,000 for full battery EV, $700 for plug-in hybrid EV
• Dealer incentive: $250 per vehicle

Qualifications:
• Dealer: PCE customer
• Customer: San Mateo County resident
• Vehicle: 25 miles for plug-in hybrid EV and all ranges for full battery EV

Expectations:
• Dealer participation: 4-6 dealers
• Expected uptake: 150-300 vehicles

*Qualifications and incentive levels may adjust year to year
2019 Program Timeline

- July 11: RFP released
- August 1: Deadline to submit proposals
- August 7: Select & notify dealers
- August 30: Finalize and execute agreements
- Sept: Dealer training & marketing prep
- Oct- Dec: Program running
- Q1 following year: report results
New EV Dealer Incentive Program: Request

**Program:** New EV Dealer Incentive program approved by the Board approved April 2019 ($1.6M over 3 years)

**Request:** Delegate authority to CEO to execute agreements with selected local dealerships (one per manufacturer brand)

**Amount:** Up to $250,000 per agreement
Regular Agenda

7. EV Technical Assistance Program Update (Discussion)
Energy Programs Update

Electric Vehicle Charging Infrastructure Incentive Program

Technical Assistance RFP Update
PROGRAMS CONTEXT
Electric Vehicles in San Mateo County: 19,000 (out of 670,000)
State Goal by 2025: 45,544 EVs in San Mateo County
EV Infrastructure Primer: 3 Charging Types

**AC Level One**
- **Voltage**: 120v 1-Phase AC
- **Amps**: 12–16 Amps
- **Charging Loads**: 1.4 to 1.9 kW
- **Charge Time for Vehicle**: 3–5 Miles of Range Per Hour

**AC Level Two**
- **Voltage**: 208V or 240V 1-Phase AC
- **Amps**: 12–80 Amps (Typ. 32 Amps)
- **Charging Loads**: 2.5 to 19.2 kW (Typ. 7 kW)
- **Charge Time for Vehicle**: 10–20 Miles of Range Per Hour

**DC Fast Charge**
- **Voltage**: 208V or 480V 3-Phase AC
- **Amps**: <125 Amps (Typ. 60 Amps)
- **Charging Loads**: <90 kW (Typ. 50 kW)
- **Charge Time for Vehicle**: 80% Charge in 20–30 Minutes
Proximity = Convenience

Non-destination

Frequent Destinations

Short walk overnight
Residential Serving

Home Best

Schools, Libraries & Worship
Curbside

Grocery FC 100kW
Workplace

Ultra-Fast “gas station”
Infrastructure Challenges

**Level 1 or 2 Costs:** $6,000 - $20,000 per port

**Fast Charge:** $50,000 - $80,000 per port
Electric Vehicle Charging Infrastructure Incentive Program
Infrastructure Targets

San Mateo County Average Estimated EV Charging Need
Modeling by the California Energy Commission

Electric Vehicles in San Mateo County

Charge Ports

2018 2019 2020 2021 2022 2023 2024 2025

20,000 EVs

PCE +3,500

45,500 EVs
EV Charging Infrastructure Program

Overview: Infrastructure incentive program to address needs of residents without access to charging by supporting chargers at workplaces, apartments, condominiums and public fast charging.

Target: 3,500 ports over 4 years

Program Budget:
1. Infrastructure Incentives, $12M
2. Technical Assistance (TA) Consultant, $2M
3. Workforce Development, $1M
4. Program Administrative Needs, $1M
Program Structure

Unaware

Aware

Interested

Act

Outreach & Tech Asst

Contractors

Rebates

Systems

Offshore Development
Objective: Support EV Charging Incentive Program by providing outreach and up-front technical assistance to facilitate project initiation

Primary Deliverables
• Marketing program to key market segments (e.g., multi-unit dwellings)
• Educating site owners about EV charging to minimize misinformation and confusion
• Providing expertise regarding best charging type (L1, L2, etc.) for the property
• Delivering an actionable project plan to the site owner
Technical Assistance RFP Update

RFP Timeline Overview

- **April 30**: RRP Released
- **June 5**: Proposals Received
  - 9 proposals received & initial review filtered proposals to 5
- **June 11 – 26**: PCE Staff Selection Committee Proposal Review
  - Joe Fullerton, CAC was included in review
- **July 23 – 25**: Finalist Interviews
- **July 26**: Bid Winner Selected & Contacted
- **August 22**: Recommendations sent to PCE BOD
- Contracting to follow
Technical Assistance RFP Update

RFP Finalists Interview Committee
• Jan Pepper, CEO
• Andy Stern, CFO
• Rafael Reyes, Director of Energy Programs
• Philip Kobernick, Clean Energy Program Manager
• Kirsten Andrews-Schwind, Senior Mgr Communications & Outreach
• Peter Ambiel, Programs Specialist
• Alejandra Posada, Energy Programs Associate

Additional non-PCE Personnel
• Justin Zagunis (SVCE), Decarbonization & Grid Innovation Analyst
• Joe Fullerton, CAC
Regular Agenda

8. Board Members’ Reports (Discussion)
Regular Agenda

Adjourn