Agenda

Call to order / Roll call

Public Comment

Action to set the agenda and approve consent items
1. Swearing in of Citizen Advisory Committee Members (Action)
Thank You for Serving on the Peninsula Clean Energy Citizens Advisory Committee!
2. Welcome from PCE CEO Jan Pepper (Discussion)
Welcome!

The goal of Peninsula Clean Energy is to reduce greenhouse gas emissions by providing cleaner power to County residents and businesses at competitive rates.

PCE will also develop new renewable energy sources, including within San Mateo County, and implement programs to further reduce greenhouse gas emissions.
1. Act as a liaison to the community.
2. Provide feedback on PCE policy and operational objectives.
3. Engage in outreach to the community, including encouraging ratepayers to opt-up to ECO100 and implement other carbon reducing practices.
4. Assist with legislative advocacy in conjunction with staff and board.
5. Provide a forum for community discussions on a wide variety of strategies to reduce carbon emissions in conjunction with staff and board.
3. Committee Member Self-Introductions (Discussion)

*In 1 or 2 minutes:*

*What do you look forward to contributing?*
4. Introduction to PCE (Discussion)
Peninsula Clean Energy, also known as PCE, is the official electricity provider for San Mateo County with cleaner and greener power at lower rates.
Why Peninsula Clean Energy?

Joint Powers Authority Launched by San Mateo County and all 20 cities to:

- Meet climate action goals
- Create a better future for our kids

All City Council Members in all 20 cities and San Mateo County Supervisors voted for it unanimously!
What are the Benefits?

- Reduction in greenhouse gas emissions
- Greener choices at lower rates
- Investing in our community
- Local control, reliable service
Cleaner Energy

Clean renewable energy comes from:

✓ Sun
✓ Wind
✓ Water

...instead of from burning fossil fuels that cause pollution and climate change.

ECOplus = 50% renewable energy

ECO100 = 100% renewable energy
Environmental Benefits

The average household enrolling to PCE will avoid greenhouse gas emissions equivalent to the carbon sequestered by about:

10 tree seedlings grown for 10 years

23 tree seedlings grown for 10 years

*Based on 417 kWh usage/month and calculations by EPA's GHG equivalency calculator, April 2017
How Community Choice Works

**PENINSULA CLEAN ENERGY**
Electric Generation
Cleaner Energy at Lower Rates

**PG&E**
Electric Delivery
Same Reliable Service

**PG&E**
Meters & Sends Bill
You still get one bill
Successful Programs Already at Work
<table>
<thead>
<tr>
<th></th>
<th>PCE ECOplus</th>
<th>PCE ECO100</th>
<th>PG&amp;E</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Renewable Energy</strong></td>
<td>50%</td>
<td>100%</td>
<td>30%</td>
</tr>
<tr>
<td><strong>GHG Free Content</strong></td>
<td>80%</td>
<td>100%</td>
<td>60%</td>
</tr>
<tr>
<td><strong>Electric Generation ($/kWh)</strong></td>
<td>$26.56</td>
<td>$30.73</td>
<td>$41.02</td>
</tr>
<tr>
<td><strong>Additional PG&amp;E Fees (PCIA/FF)</strong></td>
<td>$12.41</td>
<td>$12.41</td>
<td>------</td>
</tr>
<tr>
<td><strong>Total Electricity Generation Cost (Generation + Fees)</strong></td>
<td>$38.97 (5% less than PG&amp;E)</td>
<td>$43.14</td>
<td>$41.02</td>
</tr>
<tr>
<td><strong>PG&amp;E Electric Delivery Rate</strong></td>
<td>$56.21</td>
<td>$56.21</td>
<td>$56.21</td>
</tr>
<tr>
<td><strong>Average Total Monthly Cost Electricity + Delivery</strong></td>
<td>$95.18</td>
<td>$99.35</td>
<td>$97.23</td>
</tr>
</tbody>
</table>

Estimate based on a typical usage of 417 kWh at PG&E rates and PCE rates effective as of March 15 2017 under the Res-1/E-1 rate schedule. Actual differences may vary depending on usage, rate schedule, and other factors. Estimate provided is an average of seasonal rates. Prices rounded to one tenth of one cent.
Why is PCE Less Expensive?

- PCE is a not-for-profit organization, and does not need to pay shareholders
- PCE has low overhead expenses
- Good market timing to purchase long-term renewable contracts at low prices
Implementation Timeline

- **OCTOBER 2016**: Enrollment Group 1: Residents and small/medium businesses
- **APRIL 2017**: Enrollment Group 2: Residents, large businesses and agriculture

- **JUNE-OCTOBER 2016**: Early Adopter Period
- **OCTOBER 2016**: Program Launch
You now have choices!

1. ECOplus - 50% renewable & lower rates: most customers are automatically enrolled in this option
2. Opt-up to ECO100
3. Opt-out of the program and remain with PG&E

- Chose 2 or 3 with a quick phone call or on web site
- You can choose at any time
- All customers receive at least 4 notices in mail about options and how to choose

Note: The automatic enrollment comes from CA legislation AB 117 (2002)
PENINSULA CLEAN ENERGY
COUNTY OF SAN MATEO
OFFICE OF SUSTAINABILITY
455 COUNTY CTR FL 4
REDWOOD CITY, CA 94063-1663

Cleaner energy, local control
PeninsulaCleanEnergy.com

Dear Customer,

Peninsula Clean Energy (PCE) will soon be offering electricity from cleaner sources like wind, solar, geothermal and hydropower, while partnering with PG&E to continue delivering power. It's a great combination with the same reliability we're used to, but with more renewable power at competitive prices.

Who we are

Peninsula Clean Energy is a public agency based in San Mateo County, which was formed by the public to provide greener electricity and invest in our local economy. We're governed by a Board of Directors comprised of elected representatives from the County and each of its 20 participating cities and towns. Our goal is to create a more competitive electricity market, investing our earnings into lowering costs while supporting cleaner power and our local economy.
Many Things Stay the Same

- CARE, Medical Baseline, and other discount programs continue

- Same service reliability:
  - PG&E continues to maintain power lines
  - Call PG&E customer service if your power goes off
PCE customers can still use all PG&E and other energy efficiency programs and rebates:

- Low Income - Energy Savings Assistance Program, see PG&E website
- Other residential - Energy Upgrade California
- Business programs - SMC Energy Watch
Solar and Net Energy Metering

Net Energy Metering (NEM) is a way of earning credit for renewable power you produce to offset some or all charges you normally pay.

PCE NEM Program Benefits

- Pays higher rates for surplus electricity ( $.01/ kWh above solar production retail price)
- Use NEM credits towards bill on a monthly basis
- Credits will roll over month after month- no zero out
- Annual Cash Out in April: PCE cuts a check automatically for credit over $100
Enrollment for NEM customers is different than non-NEM customers:

- PCE will enroll all NEM customers either the month of or the month following their annual true-up date
- Why? To ensure customers who have credits stored up will be able to cash them out with PG&E

<table>
<thead>
<tr>
<th>NEM Customer True-up Month</th>
<th>PCE Phase-in Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 2016</td>
<td>October 2016</td>
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<td>October 2016</td>
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<td>November 2016</td>
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<td>May 2017</td>
<td>June 2017</td>
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<td>June 2017</td>
<td>June 2017</td>
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<tr>
<td>July 2017</td>
<td>August 2017</td>
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<tr>
<td>August 2017</td>
<td>August 2017</td>
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Local Governance

Public meetings are all posted on our website www.peninsulacleanenergy.com

Board of Directors*

- **San Mateo County**, Dave Pine
- **San Mateo County**, Carole Groom
- **Atherton**, Rick DeGolia
- Belmont, Charles Stone
- Brisbane, Lori Liu
- Burlingame, Donna Colson
- Colma, Raquel “Rae” Gonzalez
- Daly City, Glenn Sylvester
- East Palo Alto, Carlos Romero
- **Foster City**, Gary Pollard
- Half Moon Bay, Harvey Rarback
- Hillsborough, Laurence May
- Menlo Park, Ray Mueller
- **Millbrae**, Wayne Lee
- Pacifica, John Keener
- **Portola Valley**, Jeff Aalfs
- Redwood City, Ian Bain
- San Bruno, Marty Medina
- **San Carlos**, Cameron Johnson
- San Mateo, Rick Bonilla
- **South San Francisco**, Pradeep Gupta
- Woodside, Daniel Yost

* bold indicates Executive Committee member
Brown Act Committees

• Board and Citizens Advisory Committee under Brown Act
• Training at next meeting

➢ All meetings must be open to public and noticed.
➢ When a quorum meets, must be noticed 72 hours ahead of time. Quorum is 8 members.
➢ As a Brown Act body, CAC members should not conduct conversations over email.
PCE Board Goals and Policies
PCE Energy Goals

- Design a diverse power portfolio that is:
  - 100% greenhouse gas free by 2021
  - Sourced by 100% CA RPS eligible renewable energy by 2025

- Create a minimum of 20 MWs of new local power by 2025

- Stimulate development of new renewable energy projects and clean-tech innovation in San Mateo County and California through PCE’s procurement activities.

- Implement programs to further reduce greenhouse gas emissions by investing in programs such as local clean power production, electric vehicles, energy efficiency, and demand response, and partnering effectively with local business, schools, and nonprofit organizations.
PCE Outreach Goals

- Maximize and maintain customer participation in PCE
- Provide a superior customer experience
- Develop PCE brand awareness and loyalty throughout the County
- Actively encourage voluntary participation in its ECO100 renewable energy product
- Actively encourage participation in other programs PCE develops
- Achieve recognition from the EPA’s Green Power Partnership for Green Power Communities for all cities with municipal accounts enrolled in ECO100 by 2018
PCE Financial Goals

- Continually strive to offer ECOplus at rates that are at parity or lower than PG&E rates

- Build a financially sustainable organization

- Build sufficient reserves in a rate stabilization fund

- Achieve an investment grade credit rating by 2021
PCE Workforce Goals

- Demonstrate quantifiable economic benefits to the County/region and place a priority on local hiring and workforce development practices and environmental justice.

- Foster a work environment that espouses sustainable business practices and cultivates a culture of innovation, diversity, transparency, integrity, and commitment to the organization’s mission and the communities it serves.
Support for and direct use of local businesses

Support for and direct use of union members from multiple trades

Support for and use of training and State of California approved apprenticeship programs, and pre-apprenticeship programs from within PCE’s service territory

Support for and direct use of green and sustainable businesses.

See full policy posted at:
https://www.peninsulacleanenergy.com/learn-more/goals-and-policies/
PCE Policies: Coal Exclusion

- In sourcing electricity, Peninsula Clean Energy Authority (PCEA) will not procure electricity from coal facilities.

- In sourcing resource adequacy, Peninsula Clean Energy Authority (PCEA) will not procure resource adequacy from coal facilities.
Peninsula Clean Energy Authority (PCEA) shall not use unbundled renewable energy credits (RECs) for meeting its renewable energy goals.
5. PCE Outreach Needs (Discussion)
• Sending a special post card to residential (E1) customers on Understanding Bill
  – ECO100 and ECOplus versions
• Created website video on reading your bill
• Sent special postcard to residents in discount programs

Understanding Your Bill

Congratulations—you are now saving 5% on electric generation service and receiving cleaner power from Peninsula Clean Energy’s ECOplus program.

Peninsula Clean Energy (PCE) is now San Mateo County’s official electricity provider offering cleaner electricity at lower rates. You are receiving 50% renewable energy from sources including wind and solar power. Peninsula Clean Energy’s power supply has more renewable energy, and less greenhouse gas emissions, than PG&E’s power supply, but with the same reliable service!

Your Peninsula Clean Energy charge will appear on your PG&E bill, and you will receive a credit from PG&E on the bill, since you are no longer purchasing its power. We explain below how to calculate your 5% savings.

You are a PCE ECOplus customer! Here’s how to calculate your savings:

Step 1: Enter “Generation Credit” usually found on page 2 of your bill. This is a credit from PCE, because they’re no longer providing their 50% renewable energy.

Step 2: Enter additional charges from PG&E: Power Charge Indifference Adjustment and From Home Fee Surcharge. This covers energy purchased by PCE at your district before you joined PCE.

Step 3: Enter charges for Peninsula Clean Energy’s greener power, called “Net Charges” on page 4. Other fees found here which may include an Energy Commission Tax and sometimes a Local Utility Users Tax are paid by all PG&E customers.

Step 4: Add the amount of the 3 boxes in Steps 2 and 3.

Step 5: Subtract the amount in Step 4 from the PG&E credit in Step 1 to see your savings. A typical ECOplus customer will save about $2/month. How do your savings stack up?

Having trouble with the calculation? Contact our helpful customer representatives at 1 (844) 94-0915 during regular business hours, or watch the short instructional video on our website at peninsulacleanenergy.com/residents.
<table>
<thead>
<tr>
<th>Current PG&amp;E Electric Delivery Charges</th>
<th>$60.81</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric Adjustments</td>
<td>-18.53</td>
</tr>
<tr>
<td>PENINSULA CLEAN ENERGY Electric Generation Charges</td>
<td>29.07</td>
</tr>
<tr>
<td>Current Gas Charges</td>
<td>102.94</td>
</tr>
</tbody>
</table>

**Total Amount Due by 05/25/2017** $192.82

Current charges include a discount of $17.40 for CA Climate Credit.
### Energy Bill Details

**Date Range:** 03/28/2017 – 04/26/2017

#### Your Tier Usage

<table>
<thead>
<tr>
<th>Tier</th>
<th>1</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tier 1 Allowance</td>
<td>255.00 kWh</td>
<td>(30 days x 8.5 kWh/day)</td>
</tr>
<tr>
<td>Tier 1 Usage</td>
<td>255,000,000 kWh</td>
<td>@ $0.19979</td>
</tr>
<tr>
<td>Tier 2 Usage</td>
<td>114,000,000 kWh</td>
<td>@ $0.27612</td>
</tr>
</tbody>
</table>

#### Charges Summary

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Generation Credit</td>
<td>-36.30</td>
</tr>
<tr>
<td>Power Charge Indifference Adjustment</td>
<td>10.77</td>
</tr>
<tr>
<td>Franchise Fee Surcharge</td>
<td>0.21</td>
</tr>
<tr>
<td>Pacifica Utility Users' Tax (6.500%)</td>
<td>3.70</td>
</tr>
</tbody>
</table>

**Total PG&E Electric Delivery Charges:** $60.81

**2016 Vintaged Power Charge Indifference Adjustment**
## Rate Schedule: E-1

<table>
<thead>
<tr>
<th>Description</th>
<th>KWh</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO100</td>
<td>369,000,000</td>
<td>$0.0100</td>
<td>$3.69</td>
</tr>
<tr>
<td>GENERATION - TOTAL</td>
<td>369,000,000</td>
<td>$0.06369</td>
<td>23.50</td>
</tr>
<tr>
<td><strong>NET CHARGES</strong></td>
<td></td>
<td></td>
<td><strong>27.19</strong></td>
</tr>
</tbody>
</table>

Local Utility Users Tax: 1.77
Energy Surcharge: 0.11

Peninsula Clean Energy is San Mateo County's official electricity provider
You're getting cleaner energy at low rates!

### Total PENINSULA CLEAN ENERGY Electric Generation Charges

$29.07
How to Calculate Savings

You are a PCE ECOplus customer. Here’s how to calculate your savings:

Step 1: Enter “Generation Credit” usually found on page 3 of your bill. This is a credit from PG&E, because they’re no longer providing their 30% renewable energy.

Step 2: Enter charges for Peninsula Clean Energy’s greener power, called “Net Charges” on page 4. Other fees found here, which may include an Energy Commission Tax and sometimes a Local Utility Users Tax, are paid by all PG&E customers.

Step 3: Enter additional charges from PG&E: Power Charge Indifference Adjustment and Franchise Fee Surcharge. This covers energy purchased by PG&E on your behalf before you joined PCE.

Step 4: Add the amounts in Steps 2 and 3. Rewrite your total in the dotted box.

Step 5: Subtract the amount in Step 4 from the PG&E credit in Step 1 to see your savings. A typical ECOplus customer will save about $2/month. How do your savings stack up?
Help Spread the Word

Think of groups you are a member of:

✓ Neighborhood/community
✓ Sports
✓ Service clubs
✓ Unions
✓ Employer
✓ Etc.

❖ Arrange a PCE presentation
❖ Reach out to local blogs/media
Social Media Outreach

Facebook
✓ Like Peninsula Clean Energy on Facebook, and share content on your own page – especially on reading bills

Twitter
✓ Follow @pencleanenergy on Twitter
✓ Post to #PCEPowersMe why you are excited about PCE. Tag @pencleanenergy. Post photos!

Next Door
✓ If you would like to weigh in on local conversation about PCE and would like help with facts, please reach out to us – we are happy to help!
✓ Mention you are on the Citizen Advisory Committee, clarify you are not an official PCE spokesperson
6. PCE Local Program Criteria Development (Discussion)
Draft Program Selection Process

1. Staff creates criteria list and weighted scoring matrix based on Board’s strategic goals.
2. Discussion with Citizens Advisory Committee and Board.
3. Staff creates an in-depth online form based on scoring matrix for public to input ideas.
4. Staff evaluates proposals based on scoring matrix.
5. Staff brings top proposals to Board.
6. Implementation begins only after PCE’s initial financial goals have been met, for example funding the rate stabilization fund.
Draft Goals to Form Criteria

- Reduces GHG emissions
- Cost effective (to keep ECOplus rates lower than PG&E)
- Number of customers that benefit
- Geographic diversity in San Mateo County communities served
- Contributes toward goal of creating 20 MW of new local power by 2025
- Contributes toward goal of 100% GHG-free power for 2021
- Contributes toward goal of 100% renewable energy by 2025
- Helps PCE match supply to load, e.g. addresses duck curve
- Supports PCE’s workforce policy
- Benefits low-to-moderate income residents
- Helps customers understand and support PCE
- Innovative, scalable, and replicable
7. Review Draft Board Agenda (Discussion)
8. Choose One-Time Representative to Report Out to Board of Directors (Action)
Adjourn