

**REGULAR MEETING of the Board of Directors of the  
Peninsula Clean Energy Authority (PCEA)  
Thursday, June 24, 2021  
6:30 pm**

**PLEASE NOTE:** for Video conference: <https://meetings.ringcentral.com/j/1441714753>

for Audio conference: dial 1-623-404-9000, or 1-773-231-9226,

then enter the Meeting ID: 144 171 4753 followed by #

You will be instructed to enter your participant ID followed by #.

**NOTE:** Please see attached document for additional detailed teleconference instructions.

*PCEA shall make every effort to ensure that its video conferenced meetings are accessible to people with disabilities as required by Governor Newsom's March 17, 2020 Executive Order N-29-20. Individuals who need special assistance or a disability-related modification or accommodation (including auxiliary aids or services) to participate in this meeting, or who have a disability and wish to request an alternative format for the agenda, meeting notice, agenda packet or other writings that may be distributed at the meeting, should contact Shayna Barnes, Operations Specialist, at least 2 working days before the meeting at [sbarnes@peninsulacleanenergy.com](mailto:sbarnes@peninsulacleanenergy.com). Notification in advance of the meeting will enable PCEA to make best efforts to reasonably accommodate accessibility to this meeting and the materials related to it.*

*If you wish to speak to the Board, please use the "Raise Your Hand" function on the Ring Central platform. If you have anything that you wish to be distributed to the Board and included in the official record, please send to [sbarnes@peninsulacleanenergy.com](mailto:sbarnes@peninsulacleanenergy.com).*

**CALL TO ORDER / ROLL CALL**

**PUBLIC COMMENT**

This item is reserved for persons wishing to address the Board on any PCEA-related matters that are as follows: 1) Not otherwise on this meeting agenda; 2) Listed on the Consent Agenda and/or Closed Session Agenda; 3) Chief Executive Officer's or Staff Report on the Regular Agenda; or 4) Board Members' Reports on the Regular Agenda. Public comments on matters not listed above shall be heard at the time the matter is called.

As with all public comment, members of the public who wish to address the Board shall be given an opportunity to do so by the Board Chair during the videoconference meeting. Speakers are customarily limited to two minutes, but an extension can be provided to you at the discretion of the Board Chair.

**ACTION TO SET AGENDA and TO APPROVE CONSENT AGENDA ITEMS**

This item is to set the final consent and regular agenda, and for the approval of the items listed on the consent agenda. All items on the consent agenda are approved by one action.

## **REGULAR AGENDA**

1. Chair Report (Discussion)
2. CEO Report (Discussion)
3. Citizens Advisory Committee Report (Discussion)
4. Approve Fiscal Year 2021-2022 Budget (Action)
5. Approve EV Managed Charging Pilot (Action)
6. Disadvantaged Community Solar Program (DAC-GT) Update (Discussion)
7. E-Bikes Program Update (Discussion)
8. Board Members' Reports (Discussion)

## **CONSENT AGENDA**

9. Approval of Energize Colleges Grant (Consent – Action)
10. Authorize an Agreement with ABB Enterprise Software (ABB) to provide additional advisory services in the amount of \$45,000 (Consent – Action)
11. Approve Amendment to RidePanda Contract to raise maximum amount to \$225,600 (Consent – Action)
12. Approval of the Minutes for the May 27, 2021 Meeting (Consent - Action)

## **CLOSED SESSION**

(The Board will adjourn to closed session to consider the following items at the end of the agenda, or at any time during the meeting as time permits. At the conclusion of closed session, the Board will reconvene in open session to report on any actions taken for which a report is required by law.)

1. PUBLIC EMPLOYEE PERFORMANCE EVALUATION  
Title: Chief Executive Officer

2. CONFERENCE WITH LABOR NEGOTIATORS  
Agency Designated Representatives: Rick Degolia and David Silberman  
Unrepresented Employee: Chief Executive Officer
3. RECONVENE OPEN SESSION (IF NECESSARY) TO REPORT ANY ACTION(S)  
TAKEN DURING CLOSED SESSION

### **INFORMATION ONLY REPORTS**

13. Marketing and Outreach Report
14. Regulatory Report
15. Legislative Report
16. Community Energy Programs Report
17. Procurement Report
18. Report on California Community Power (CCP) Joint Powers Authority on Board  
  
Meeting held on June 16, 2021
19. Industry Acronyms and Terms

Public records that relate to any item on the open session agenda for a regular board meeting are available for public inspection. Those records that are distributed less than 72 hours prior to the meeting are available for public inspection at the same time they are distributed to all members, or a majority of the members of the Board. The Board has designated the Peninsula Clean Energy office, located at 2075 Woodside Road, Redwood City, CA 94061, for the purpose of making those public records available for inspection. The documents are also available on the PCEA's Internet Web site located at: <http://www.peninsulacleanenergy.com>.

## Instructions for Joining a RingCentral Meeting via Computer or Phone

### Best Practices:

- Please mute your microphone when you are not speaking to minimize audio feedback
- If possible, utilize headphones or ear buds to minimize audio feedback
- If participating via videoconference, audio quality is often better if you use the dial-in option (Option 1 below) rather than your computer audio

### Options for Joining

- A. Videoconference with Phone Call Audio (*Recommended*) – see Option 1 below
- B. Videoconference with Computer Audio – see Option 2 below
- C. Calling in from iPhone using one-tap – see Option 3 below
- D. Calling in via Telephone/Landline – see Option 4 below

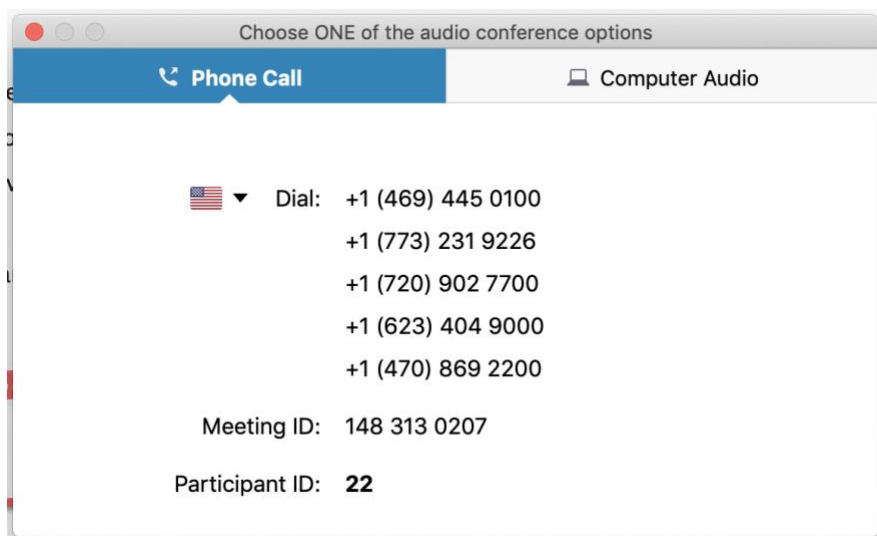
### Videoconference Options:

Prior to the meeting, we recommend that you install the RingCentral Meetings application on your computer by clicking here: <https://www.ringcentral.com/apps/rc-meetings>

If you want full capabilities for videoconferencing (audio, video, screensharing) you must download the RingCentral application.

### Option 1 Videoconference with Phone Call Audio (Recommended):

1. From your computer, click on the following link:  
<https://meetings.ringcentral.com/j/1441714753>
2. The RingCentral Application will open on its own or you will be instructed to Open RingCentral Meetings.
3. After the application opens, the pop-up screen below will appear asking you to choose ONE of the audio conference options. Click on the Phone Call option at the top of the pop-up screen.

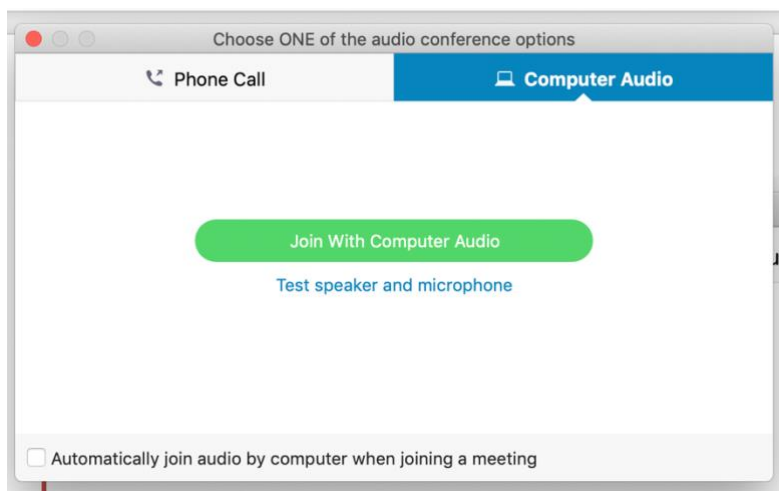


**IMPORTANT:** Please do not use the Participant ID that is in the picture to the left. Enter the Participant ID that appears on your own personal pop-up.

4. Please dial one of the phone numbers for the meeting (it does not matter which one):
  - +1 (623) 404 9000
  - +1 (469) 445 0100
  - +1 (773) 231 9226
  - +1 (720) 902 7700
  - +1 (470) 869 2200
5. You will be instructed to enter the meeting ID: **144 171 4753** followed by #
6. You will be instructed to enter in your **Participant ID followed by #**. Your Participant ID is unique to you and is what connects your phone number to your RingCentral account.
7. After a few seconds, your phone audio should be connected to the RingCentral application on your computer.
8. In order to enable video, click on “Start Video” in the bottom left-hand corner of the screen. This menu bar is also where you can mute/unmute your audio.

### **Option 2 Videoconference with Computer Audio:**

1. From your computer, click on the following link:  
<https://meetings.ringcentral.com/j/1441714753>
2. The RingCentral Application will open on its own or you will be instructed to Open RingCentral Meetings.
3. After the application opens, the pop-up screen below will appear asking you to choose ONE of the audio conference options. Click on the Computer Audio option at the top of the pop-up screen.



4. Click the green **Join With Computer** Audio button
5. In order to enable video, click on “Start Video” in the bottom left hand corner of the screen. This menu bar is also where you can mute/unmute your audio.

### **Audio Only Options:**

Please note that if you call in/use the audio only option, you will not be able to see the speakers or any presentation materials in real time.

#### **Option 3: Calling in from iPhone using one-tap**

Click on one of the following “one-tap” numbers from your iPhone. Any number will work, but dial by your location for better audio quality:

+1(650)2424929,,1441714753#  
+1(213)2505700,,1441714753#  
+1(720)9027700,,1441714753# (US Central)  
+1(346)9804201,,1441714753#  
+1(623)4049000,,1441714753# (US West)  
+1(470)8692200,,1441714753# (US East)  
+1(646)3573664,,1441714753#  
+1(773)2319226,,1441714753# (US North)  
+1(312)2630281,,1441714753#  
+1(469)4450100,,1441714753# (US South)

This is the call-in number followed by the meeting ID. Your iPhone will dial both numbers for you.

You will be instructed to **enter your participant ID followed by #**

If you do not have a participant ID or do not know it, you can stay on the line and you will automatically join the meeting

#### **Option 4: Calling in via Telephone/Landline:**

Dial a following number based off of your location:

+1(623)4049000  
+1(650)2424929  
+1(720)9027700  
+1(213)2505700  
+1(346)9804201  
+1(470)8692200  
+1(646)3573664  
+1(773)2319226  
+1(312)2630281  
+1(469)4450100

You will be instructed to enter the **meeting ID: 144 171 4753** followed by #

You will be instructed to enter your **participant ID** followed by #.

If you do not have a participant ID or do not know it, you can stay on the line and you will automatically join the meeting.

Shayna Barnes <[sbarnes@peninsulacleanenergy.com](mailto:sbarnes@peninsulacleanenergy.com)>

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## Fwd: Electric bicycle subsidy

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**Kirsten Andrews-Schwind** <[kandrews-schwind@peninsulacleanenergy.com](mailto:kandrews-schwind@peninsulacleanenergy.com)>

Tue, Jun 8, 2021 at 11:32 AM

To: Shayna Barnes <[sbarnes@peninsulacleanenergy.com](mailto:sbarnes@peninsulacleanenergy.com)>Cc: Marty Medina <[MMedina@sanbruno.ca.gov](mailto:MMedina@sanbruno.ca.gov)>, Jeffrey Tong <[tong.examiner@gmail.com](mailto:tong.examiner@gmail.com)>

Thank you Jeffrey for your comments on our ebike program. I will also forward them to the staff working on this program.

Warm regards,  
Kirsten

Kirsten Andrews-Schwind  
Senior Manager of Community Relations  
Peninsula Clean Energy  
[kandrews-schwind@peninsulacleanenergy.com](mailto:kandrews-schwind@peninsulacleanenergy.com)  
Phone (650) 260-0096

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*PCE is committed to protecting customer privacy.*

Learn more at: <https://www.peninsulacleanenergy.com/privacy>

On Tue, Jun 8, 2021 at 11:03 AM Shayna Barnes <[sbarnes@peninsulacleanenergy.com](mailto:sbarnes@peninsulacleanenergy.com)> wrote:

Hello Jeffrey and Marty,

Thank you for your email Jeffrey, I can record your email as public comment for our updating CAC Meeting and read it aloud. I can also relay this to our Board at their upcoming meeting as well.

To participate in our upcoming CAC meeting this Thursday, I have provided the call in information below. Agendas are posted publicly online at least 72 hours in advance of the meeting, and the agenda packet for the meeting this Thursday can be found here: <https://www.peninsulacleanenergy.com/wp-content/uploads/2021/05/CAC-Meeting-Agenda-Packet-2021-06-10.pdf>

For our Board meeting on May 27th, the agenda and packet will be posted at least 72 hours prior as well.

Here is the call in and videoconference information for the meeting this Thursday: For Video Conference: <https://meetings.ringcentral.com/j/1466706184>

For Audio Conference: dial 1-623-404-9000 then enter the meeting ID: 146-670-6184 followed by # and then your Participant ID followed by #.

Thank you, and please let me know if there are any other questions.

Best,

Shayna

On Tue, Jun 8, 2021 at 10:12 AM Marty Medina <[MMedina@sanbruno.ca.gov](mailto:MMedina@sanbruno.ca.gov)> wrote:

Good morning Shayna,

I am not sure how to address Mr. Tong's inquiry. Is there a public contact person for CAC?

Thank you.

Sincerely,



Marty

Marty Medina  
San Bruno Vice Mayor  
650-580-3445

Begin forwarded message:

**From:** Jeffrey Tong <[tong.examiner@gmail.com](mailto:tong.examiner@gmail.com)>  
**Date:** June 8, 2021 at 9:20:07 AM PDT  
**To:** Marty Medina <[MMedina@sanbruno.ca.gov](mailto:MMedina@sanbruno.ca.gov)>  
**Subject:** Re: Electric bicycle subsidy

How can I document that I submitted comment(s) to PCE CAC? Is there a county clerk that records my submission?

I don't even know how to participate in their upcoming meeting.

<https://www.peninsulacleanenergy.com/citizens-advisory-committee/>

Jeffrey Tong, co-founder  
Colinas Costeras  
 Wildlife Habitat

"The miracle of the coastal hills is fog"  
Fog = H<sub>2</sub>O = Life!

On Mon, May 31, 2021, 18:29 Marty Medina <[MMedina@sanbruno.ca.gov](mailto:MMedina@sanbruno.ca.gov)> wrote:  
Jeffrey,

This is the first effort involving electric bicycles. Let's see how it goes... bring your specific preferences to the Board via the Citizen Advisory Committee.

<https://www.peninsulacleanenergy.com/bod-cac-training/>

Sincerely,

Marty

Marty Medina  
San Bruno Vice Mayor  
650-580-3445

On May 31, 2021, at 6:11 PM, Jeffrey Tong <[tong.examiner@gmail.com](mailto:tong.examiner@gmail.com)> wrote:

Marty

PCE is giving up to \$800 for poor people who wish to buy an electric bicycle. Given PCE's subsidy is only \$800, why does PCE limit it to 750 watts and exclude other forms of micro-mobility devices?

If PCE wishes to support people who can not afford a car, know that (1) electric scooters and electric unicycles are the

only micro-mobility device that can be carried onto public transit. (2) Unless a bicycle is foldable, there is only space on the front rack for 2-3 bikes. (3) POWER = SAFETY. The Peninsula has miles and miles of rolling hills. If bicycle's motor quits suddenly at a critical moment, it could put rider in danger. It is better to have more power than is needed. Computer can be programmed to limit speed. Pass this on to the PCE Board. Thanks!

Jeffrey Tong, co-founder  
ColinasCosteras.com  
Community  Wildlife Habitat

"The miracle of the coastal hills is fog"  
Fog = H<sub>2</sub>O = Life!  
<Screenshot\_20210530-231600\_Chrome~2.jpg>

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Shayna Barnes  
Operations Specialist  
Peninsula Clean Energy  
[sbarnes@peninsulacleanenergy.com](mailto:sbarnes@peninsulacleanenergy.com)  
Desk: 650-761-6784  
Cell: 408-420-7291

she/her/hers

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**PENINSULA CLEAN ENERGY AUTHORITY  
Board Correspondence**

**DATE:** June 14, 2021  
**BOARD MEETING DATE:** June 24, 2021  
**SPECIAL NOTICE/HEARING:** None  
**VOTE REQUIRED:** None

**TO:** Honorable Peninsula Clean Energy Authority (PCE) Board of Directors  
**FROM:** Jan Pepper, Chief Executive Officer  
**SUBJECT:** CEO Report

**REPORT:**

**Staffing Updates:**

I am pleased to announce that Sally Chen joined PCE as our new Power Resources Manager, starting on June 14.

PCE is currently recruiting for two positions, which can be found [here](#) on our website:

- Community Outreach Specialist (San Mateo County)
- Board Clerk/Executive Assistant to CEO/Office Manager

**SB 612, Fair and Equal Access to Legacy Resources**

This is CalCCA's priority bill and we appreciate all of your support thus far. The bill is now headed for hearing in the Assembly Utilities and Energy Committee on June 30. We would appreciate PCE members providing letters of support to this committee, as outlined in my email to you sent on June 11. You can read more about this bill in the Legislative Update memo, item 15, in this packet.

**Impact of COVID-19 on PCE Load**

Attached to this report are summary graphs of the impact of COVID-19 on PCE's load. The first graph, "Monthly Load", shows the change in load on a monthly basis from June 2020 through May 2021. The total May 2021 load was the same as the May 2020 load. The second graph, "Monthly Load Changes by Customer Class", shows that commercial classes have recovered significantly from their lows in June 2020. Residential load decreased compared to last month and last year. The third graph, "Load Shapes (PCE)", shows the change overall in our load on an hourly basis with May 2021 load higher in the morning peak hours compared to May 2020. The overall daily shape is starting to be more similar to 2019.

## **Reach Codes**

Attached to this report is an updated table showing the status of Reach Code adoption by PCE jurisdictions. Congratulations to South San Francisco for adopting reach codes!

## **Work-from-Home and Remote Worker Policies**

At this month's PCE Executive Committee meeting, an update was provided on PCE's work-from-home and remote worker policy development. A couple of months ago, we made the decision to not require any PCE staff to return to the office before January 1, 2022. PCE staff have been extremely productive during the last 15 months as we essentially piloted a complete work-from-home model. We are in the process of coming up with new policies regarding work-from-home (WFH) and remote workers. A staff committee consisting of a representative from each of our teams is spending a couple of months conducting research and coming up with a recommendation on how PCE should move forward including how often should we be in the office and how often should we work-from-home. This will be reviewed by the senior leadership team as well as the entire PCE staff and reviewed with the Executive Committee before implementing any new policy.

We are also looking at the issue of some staff working completely remote, including out-of-state. With the Executive Committee we discussed what it means to be a community-based organization, encouraging creation of "local" jobs, along with the challenge of having to compete with other organizations (including 24 CCAs) for specialized talent in power procurement as an example. Additionally, as an agency with a mission to reduce GHG emissions, reducing VMT is another important consideration.

## **PCE Board Retreat - Saturday, September 25**

Our annual retreat is scheduled for Saturday, September 25. As the state is reopening, we are considering having this as an in-person meeting, but with the option of remote attendance to enable all board members to be present. The proposed agenda is:

- Annual Strategic Plan Dashboard Review (the first!)
- PCE's Strategic Priorities and Our Plan to Meet These:
  1. Getting to 100% renewable on a 24/7 basis by 2025
  2. Contribute to ~~San Mateo County~~ *PCE member jurisdictions* reaching the State Goal to be 100% GHG free by 2045

We plan to do a deep dive into these two strategic priorities and update the board on the extensive work PCE staff has been doing to address these priorities.

## **Other Meetings and Events Attended by CEO**

Attended June 16 board meeting of CC Power, the new JPA which now consists of 10 member CCAs with the addition of CleanPowerSF and Valley Clean Energy. CCAs. The notes from this board meeting are found in agenda item 19.

Attended (virtually) Los Banos City Council meeting on June 16 to provide an update and overview on PCE. Two of the city council members are new since the council voted to become a part of PCE last fall.

Participated in weekly and monthly CalCCA Board and Executive Committee meetings.

Participated in SV5 (formerly called MAG5) meetings.

## Impact of COVID-19 on PCE Load

### Monthly Load

- 7% decrease in PCE's monthly load in June-July of 2020 compared to same months in 2019
- Only 2% decrease in August-December of 2020 (compared to same months in 2019)
- 4%, 8%, and 2% decrease in January-March 2021 (compared to same months in 2020)
- 1% increase in April 2021 compared to April 2020, no difference in May 2021 compared to May 2020



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# Monthly Load Changes by Customer Class

- Decrease in C&I load, increase in residential load in each month compared to same month in the previous year until March 2021.
- For April-May, we noticed an increase in C&I load in 2021 compared to 2020 and a decrease in residential load in 2021 compared to 2020.

|                     |      |      |      |      |      |      |      |      |      |      |     |     |
|---------------------|------|------|------|------|------|------|------|------|------|------|-----|-----|
| Agricultural        | 16%  | 13%  | -1%  | 2%   | 10%  | -8%  | -7%  | -8%  | -1%  | -12% | -7% | 26% |
| Industrial          | -9%  | -10% | -4%  | 8%   | 12%  | 7%   | 13%  | -1%  | -15% | -8%  | 4%  | -8% |
| Small Commercial    | -20% | -18% | -19% | -18% | -13% | -13% | -10% | -14% | -15% | 0%   | 10% | 7%  |
| Medium Commercial   | -17% | -15% | -16% | -13% | -9%  | -12% | -14% | -18% | -21% | -6%  | 10% | 9%  |
| Large Commercial    | -15% | -13% | -12% | -10% | -7%  | -11% | -10% | -12% | -17% | -3%  | 8%  | 4%  |
| Residential         | 5%   | 7%   | 13%  | 12%  | 13%  | 9%   | 8%   | 6%   | 5%   | 0%   | -7% | -6% |
| Street Lights-Other | 0%   | 2%   | 0%   | 0%   | 0%   | -1%  | -1%  | 0%   | -5%  | -1%  | 0%  | 0%  |
| PCE                 | -8%  | -7%  | -4%  | -2%  | 1%   | -2%  | -1%  | -4%  | -8%  | -2%  | 1%  | 0%  |
| Month               | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 1    | 2    | 3    | 4   | 5   |

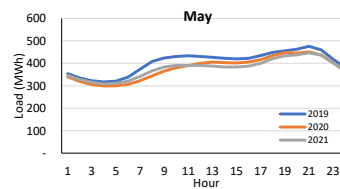
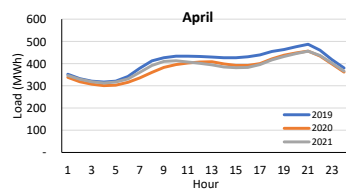
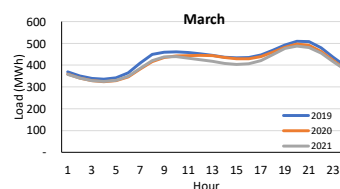
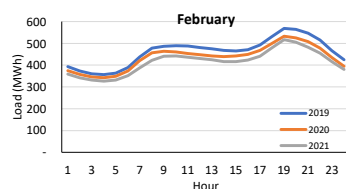
\* For months 6-12, the heatmap shows how much load in 2020 was lower/higher compared to same month in 2019. For months 1-5, it shows how much load in 2021 was lower/higher compared to same month in 2020.

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## Load Shapes (PCE)

- February-March: 2021 load lower down 2019 and 2020 load.
- April-May: 2021 load scaled down compared to 2019 load. 2021 load is higher in morning peak hours compared to 2020 load.



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## San Mateo County Reach Code Status

### San Mateo County Status – Reach Codes

| Member Agency                                  | Reach Code Status  | Building (proposed)                      | EV                       |
|--|--|--|--------------------------|
| Brisbane                                       | Adopted  | All-electric w/ exceptions               | MUD 1xL2/ unit           |
| Burlingame                                     | Adopted  | All-electric w/ exceptions               | PCE model code (variant) |
| Daly City                                      | Adopted  | All-electric w/ exceptions               | PCE model code           |
| East Palo Alto                                 | Adopted  | All-electric w/ exceptions               | PCE model code (variant) |
| Millbrae                                       | Adopted  | All-electric w/ exceptions               | PCE model code (variant) |
| Menlo Park                                     | Adopted  | All-electric w/ exceptions               | (existing EV code)       |
| Pacifica                                       | Adopted  | All-electric w/ exceptions               | (existing EV code)       |
| County of San Mateo                            | Adopted  | All-electric w/ exceptions               | PCE model code           |
| Redwood City                                   | Adopted  | All-electric w/ exceptions               | PCE model code           |
| San Mateo                                      | Adopted  | All-electric w/ exceptions (updated)     | Increase EV capable      |
| San Carlos                                     | Adopted  | All-electric w/ exceptions (updated)     | PCE model code           |
| South San Francisco                            | Adopted  | All-electric w/ exceptions (residential) | PCE model code           |
| Colma  | Adopted  | Prewiring required                       | Increase EV capable      |
| Portola Valley                                 | 1 <sup>st</sup> reading TBD                                  | (All-electric w/ exceptions)             | (existing EV code)       |
| Belmont, Half Moon Bay                         | Under development  |  |                          |
| Atherton, Foster City, Hillsborough, San Bruno | Letter of Intent, Staff discussions or Council briefing done |  |                          |
| Woodside                                       | Declined   |  |                          |

New

Santa Clara County  
Adopted: 12  
In-Progress: 3

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**PENINSULA CLEAN ENERGY  
JPA Board Correspondence**

**DATE:** June 14, 2021  
**BOARD MEETING DATE:** June 24, 2021  
**SPECIAL NOTICE/HEARING:** None  
**VOTE REQUIRED:** Majority Vote

**TO:** Honorable Peninsula Clean Energy Authority Board of Directors  
**FROM:** Andy Stern, Chief Financial Officer  
**SUBJECT:** Approve the Fiscal Year 2021-2022 Budget with Total Operating Expenses not to exceed \$241,811,865

**RECOMMENDATION:**

Approve the Fiscal Year 2021-2022 Budget with Total Operating Expenses not to exceed \$241,811,865.

**BACKGROUND:**

On May 10, 2021, Staff presented the draft Fiscal Year 2020-2021 budget to the Audit & Finance Committee and Executive Committees to receive comments and input. On May 27, 2021, Staff presented the draft Fiscal Year 2020-2021 budget to the Board of Directors to receive comments and input. On June 14, 2021, Staff presented an updated version of the Budget to the Audit and Finance Committee incorporating comments that had been received.

At the direction of the Audit and Finance Committee, the budget approval for the Fiscal Year 2021-2022 is structured to approve a not-to-exceed level of Total Operating Expenses. That will enable shifting of expenses between categories without returning to the Board for approval of an amendment as long as the total operating expenses do not exceed the pre-approved level. However, in the event that Total Operating Expenses do exceed the approved level, the Board must review and approve such expenses.

**DISCUSSION:**



Fiscal Year 2021-2022 (July 1, 2021 through June 30, 2022) budget presentation and details will be provided for review. The bottom-up approach included discussions with the department heads to develop their individual portions of the budget. Approval by the Board of the maximum Total Operating Expenses is requested.

**ATTACHMENTS:**

The final version of the proposed Fiscal Year 2021-2022 Budget and 5-year Projections.

## Proposed Budget FY2021-2022 – Summary

|   | FY 2020-2021       |                                  | FY 2021-2022        | Variance FY2022 Proposed Budget vs. FY2021 Forecast |                |
|---|--------------------|----------------------------------|---------------------|---|----------------|
|   | Approved Budget    | Forecasted Full Year FY2020-2021 | Proposed Budget     | \$ Change   | % Change       |
| <b>OPERATING REVENUES</b>                   |                    |                                  |                     |   |                |
| Electricity Sales, net                      | 213,552,721        | 229,673,129                      | 219,619,107         | (10,054,021)  | -4.4%          |
| ECO100 Premium                              | 2,150,775          | 2,642,168                        | 2,621,034           | (21,134)  | -0.8%          |
| <b>Total Operating Revenues</b>             | <b>215,703,496</b> | <b>232,315,297</b>               | <b>222,240,141</b>  | <b>(10,075,156)</b>                                 | <b>-4.3%</b>   |
| <b>OPERATING EXPENSES</b>                   |                    |                                  |                     |   |                |
| Cost of electricity                         | 197,445,054        | 214,607,181                      | 216,705,953         | 2,098,772   | 1.0%           |
| Personnel                                   | 6,236,981          | 5,589,646                        | 6,464,275           | 874,629   | 15.6%          |
| Data Manager                                | 3,420,000          | 3,388,341                        | 3,420,000           | 31,659  | 0.9%           |
| Service Fees - PG&E                         | 1,260,000          | 1,254,695                        | 1,260,000           | 5,305   | 0.4%           |
| Professional Services                       | 3,068,340          | 2,051,392                        | 1,351,204           | (700,188)   | -34.1%         |
| Legal                                       | 1,708,230          | 1,467,257                        | 1,615,500           | 148,243   | 10.1%          |
| Marketing and Noticing                      | 2,873,350          | 1,392,384                        | 2,068,197           | 675,813   | 48.5%          |
| General and Administrative                  | 1,947,282          | 1,800,879                        | 2,259,391           | 458,511   | 25.5%          |
| Community Energy Programs                   | 7,550,000          | 5,655,000                        | 6,555,671           | 900,670   | 15.9%          |
| Depreciation                                | 133,216            | 91,615                           | 111,675             | 20,060  | 21.9%          |
| <b>Total Operating Expenses</b>             | <b>225,642,453</b> | <b>237,298,391</b>               | <b>241,811,865</b>  | <b>4,513,474</b>                                    | <b>1.9%</b>    |
| <b>Operating Income/(Loss)</b>              | <b>(9,938,957)</b> | <b>(4,983,094)</b>               | <b>(19,571,724)</b> | <b>(5,561,681)</b>                                  | <b>-111.6%</b> |
| <b>Total Non-operating Income/(Expense)</b> | <b>1,408,000</b>   | <b>182,582</b>                   | <b>900,000</b>      | <b>717,418</b>                                      | <b>392.9%</b>  |
| <b>CHANGE IN NET POSITION</b>               | <b>(8,530,957)</b> | <b>(4,800,512)</b>               | <b>(18,671,724)</b> | <b>(4,844,263)</b>                                  | <b>-100.9%</b> |
| Net Position at the end of period           | 186,927,291        | 184,271,220                      | 165,599,496         |   |                |
| <b>Approx. Cash &amp; Cash Equivalents</b>  | <b>186,646,421</b> | <b>187,504,568</b>               | <b>168,332,845</b>  |   |                |
| <b>Days Cash on Hand</b>                    | <b>294</b>         | <b>283</b>                       | <b>250</b>          |   |                |

## Proposed Budget FY2021-2026 – Budget Summary &amp; 5-year Plan

|   | FY 2020-2021       |                                     | FY 2021-2022        | FY 2022-2023        | FY 2023-2024        | FY 2024-2025       | FY 2025-2026       |
|---|--------------------|-------------------------------------|---------------------|---------------------|---------------------|--------------------|--------------------|
|   | Approved Budget    | Forecasted Full Year<br>FY2020-2021 | Proposed Budget     | Plan                | Plan                | Plan               | Plan               |
| <b>OPERATING REVENUES</b>                   |                    |                                     |                     |                     |                     |                    |                    |
| Electricity Sales, net                      | 213,552,721        | 229,673,129                         | 219,619,107         | 230,167,440         | 234,022,321         | 265,168,500        | 288,434,591        |
| ECO100 Premium                              | 2,150,775          | 2,642,168                           | 2,621,034           | 2,642,925           | 2,658,416           | 2,674,032          | 2,689,776          |
| <b>Total Operating Revenues</b>             | <b>215,703,496</b> | <b>232,315,297</b>                  | <b>222,240,141</b>  | <b>232,810,365</b>  | <b>236,680,737</b>  | <b>267,842,532</b> | <b>291,124,367</b> |
| <b>OPERATING EXPENSES</b>                   |                    |                                     |                     |                     |                     |                    |                    |
| Cost of electricity                         | 197,445,054        | 214,607,181                         | 216,705,953         | 225,074,043         | 216,506,001         | 224,721,892        | 229,105,239        |
| Personnel                                   | 6,236,981          | 5,589,646                           | 6,464,275           | 6,833,256           | 7,169,830           | 7,523,232          | 7,894,305          |
| Data Manager                                | 3,420,000          | 3,388,341                           | 3,420,000           | 3,454,200           | 3,488,742           | 3,523,629          | 3,558,866          |
| Service Fees - PG&E                         | 1,260,000          | 1,254,695                           | 1,260,000           | 1,272,600           | 1,285,326           | 1,298,179          | 1,311,161          |
| Professional Services                       | 3,068,340          | 2,051,392                           | 1,351,204           | 1,243,754           | 1,276,867           | 1,311,576          | 1,347,967          |
| Legal                                       | 1,708,230          | 1,467,257                           | 1,615,500           | 1,629,210           | 1,684,005           | 1,742,647          | 1,805,416          |
| Marketing and Noticing                      | 2,873,350          | 1,392,384                           | 2,068,197           | 2,078,291           | 2,137,613           | 2,149,231          | 2,204,195          |
| General and Administrative                  | 1,947,282          | 1,800,879                           | 2,259,391           | 2,297,191           | 2,372,735           | 2,459,519          | 2,552,717          |
| Community Energy Programs                   | 7,550,000          | 5,655,000                           | 6,555,671           | 7,611,534           | 11,021,230          | 12,926,067         | 15,931,049         |
| Depreciation                                | 133,216            | 91,615                              | 111,675             | 147,675             | 183,675             | 219,675            | 255,675            |
| <b>Total Operating Expenses</b>             | <b>225,642,453</b> | <b>237,298,391</b>                  | <b>241,811,865</b>  | <b>251,641,755</b>  | <b>247,126,023</b>  | <b>257,875,648</b> | <b>265,966,590</b> |
| <b>Operating Income/(Loss)</b>              | <b>(9,938,957)</b> | <b>(4,983,094)</b>                  | <b>(19,571,724)</b> | <b>(18,831,389)</b> | <b>(10,445,286)</b> | <b>9,966,884</b>   | <b>25,157,777</b>  |
| <b>Total Non-operating Income/(Expense)</b> | <b>1,408,000</b>   | <b>182,582</b>                      | <b>900,000</b>      | <b>900,000</b>      | <b>900,000</b>      | <b>900,000</b>     | <b>900,000</b>     |
| <b>CHANGE IN NET POSITION</b>               | <b>(8,530,957)</b> | <b>(4,800,512)</b>                  | <b>(18,671,724)</b> | <b>(17,931,389)</b> | <b>(9,545,286)</b>  | <b>10,866,884</b>  | <b>26,057,777</b>  |
| Net Position at the end of period           | 186,927,291        | 184,271,220                         | 165,599,496         | 147,668,107         | 138,122,821         | 148,989,705        | 175,047,482        |
| <b>Approx. Cash &amp; Cash Equivalents</b>  | <b>186,646,421</b> | <b>187,504,568</b>                  | <b>168,332,845</b>  | <b>150,401,455</b>  | <b>140,856,169</b>  | <b>151,723,053</b> | <b>177,780,830</b> |
| Days Cash on Hand                           | 294                | 283                                 | 250                 | 214                 | 204                 | 211                | 240                |

**PENINSULA CLEAN ENERGY AUTHORITY, COUNTY OF SAN MATEO, STATE OF  
CALIFORNIA**

\* \* \* \* \*

**RESOLUTION THAT THE BOARD OF DIRECTORS APPROVE THE FISCAL YEAR  
2021-2022 BUDGET FOR PENINSULA CLEAN ENERGY WITH TOTAL OPERATING  
EXPENSES NOT TO EXCEED \$241,811,865**

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**RESOLVED**, by the Board of Directors of the Peninsula Clean Energy Authority (PCEA} of the County of San Mateo, State of California, that

**WHEREAS**, the Audit and Finance Committee of the Peninsula Clean Energy Authority reviewed a draft budget for Fiscal Year 2021-2022 and the underlying assumptions at its meeting on May 10, 2021 to solicit input and recommended changes, and

**WHEREAS**, PCEA Staff reviewed a draft budget for Fiscal Year 2021-2022 and the underlying assumptions with the Executive Committee at its meeting on May 10, 2021 to solicit input and recommended changes, and

**WHEREAS**, PCEA Staff presented a draft budget for Fiscal Year 2021-2022 to the Board of Directors at its meeting on May 27, 2021 to solicit input and recommended changes, and

**WHEREAS**, PCEA Staff updated the assumptions in the draft budget for the Fiscal Year 2021-2022 with the most updated and current information available to formulate a revised proposed version of the budget for Fiscal Year 2021-2022 which

was presented to the Audit and Finance Committee at its meeting on June 14, 2021,  
and

**WHEREAS**, the Audit and Finance Committee of the Peninsula Clean Energy Authority passed a resolution at its meeting on June 14, 2021 recommending that the Board of Directors of the Peninsula Clean Energy Authority approve the revised draft version of the budget for Fiscal Year 2021-2022 with Total Operating Expenses in an amount not-to-exceed \$241,811,865.

**NOW, THEREFORE**, IT IS HEREBY RESOLVED that the PCEA Board of Directors approves the Fiscal Year 2021-2022 budget with total operating expenses not to exceed \$241,811,865.

\* \* \* \* \*



**PENINSULA CLEAN ENERGY  
JPA Board Correspondence**

**DATE:** June 14, 2021

**BOARD MEETING DATE:** June 24, 2021

**SPECIAL NOTICE/HEARING:** None

**VOTE REQUIRED:** Majority Present

**TO:** Honorable Peninsula Clean Energy Authority Executive Committee

**FROM:** Jan Pepper, Chief Executive Officer, Peninsula Clean Energy  
Rafael Reyes, Director of Energy Programs

**SUBJECT:** Electric Vehicle Managed Charging Pilot, Phase 2

**RECOMMENDATION**

Approval of the Board for the proposed Electric Vehicle Managed Charging Pilot, Phase 2, for a total of \$550,000 over two years.

**BACKGROUND**

Peninsula Clean Energy's mission is to reduce greenhouse gas (GHG) emissions in San Mateo County and California's goal is to be carbon neutral by 2045, which PCE aims to support through investment in local community programs. Transportation emissions are the most significant challenge to deep decarbonization in San Mateo County. These emissions account for about 50% of direct emissions within the County and are still increasing. Approximately 40% of transportation emissions are from local commercial, rental, and government fleets that range from light-duty passenger vehicles to heavy-duty trucks.

To support decarbonization efforts, the Board approved the PCE Program Roadmap in September 2018, which identifies programs for 2019 and beyond to include transportation electrification measures, such as new and used vehicle purchase incentives, a multi-year electric vehicle (EV) infrastructure program, fleets, and new and shared mobility. Furthermore, in support of PCE's effort to provide 100% renewable energy on a 24/7 time-coincident basis, the Programs team has developed strategies to shift energy demand away from times that are more difficult to provide renewable energy. EV charging is a good example of shiftable load and the Programs team has explored various technologies to reduce on-peak charging, which represents the greatest challenge in providing time-coincident renewable electricity, and is now proposing to advance this strategy further.

## **DISCUSSION**

Programs staff has investigated strategies to shift EV charging away from the day-to-day evening ramp up hours, in support of PCE's time-coincident renewable energy goal. Residential managed charging was selected as the primary focus for this strategy as the load profile for unmanaged residential charging provides significant peak-energy reduction potential during the early evening hours. Managed charging using on-board vehicle telematics, which transmit data directly from the vehicle and allow for controls to the vehicle to start or stop charging based on parameters set by PCE, was determined to be the optimal approach as it doesn't require the use of residential smart chargers. Since smart chargers are uncommon compared to conventional Level 1 and non-internet connected Level 2 charging at home, the use of telematics allows for greater scaling potential. Managing charging through vehicle telematics is a new and innovative approach to load shifting and PCE staff determined that a multi-phase pilot was necessary to verify the approach and gain insight that can lead to a scaled program in the future.

From Q1 – Q2 2020, PCE led a proof-of-concept pilot with FlexCharging, a telematics-based managed charging platform, to determine the viability of managed charging through vehicle telematics. The pilot demonstrated a reduction of on-peak charging by 50%, supplied valuable data on residential charging behavior such as the prevalence of Level 1 charging (43% of residential charging), verified potential to use telematics data in the California Low Carbon Fuel Standard, and provided lessons learned into the use and scalability of this approach to managed charging. Staff determined that this pilot was a successful demonstration and recommend utilizing telematics as the technical pathway for a phase 2 pilot.

Staff is proposing a second phase of the EV Managed Charging pilot to further verify the load shifting potential demonstrated in phase 1 and experiment with various customer incentives to determine which, if any, are critical to ongoing charge management. Phase 2 would be a significant increase in scale to phase 1, enrolling approximately 2,000 customers with EVs for an estimated 9-month pilot. The pilot will test various customer incentives such as a flat bill credit or a reduced off-peak rate, to determine what impact these have on participation in a charge management program and the relative impacts on peak-load reduction. Staff has engaged faculty from the University of California, Davis Energy and Economics Program (DEEP), a leading institution in the study of consumer energy behavior, to assist in the experimental design. The budget for phase 2 includes a research grant to UC Davis for further experimental design guidance and analysis & evaluation. Following the conclusion of this phase of the pilot, UC Davis faculty plan on submitting the results of the experiment and implications for managed charging programs to various journals and publications.

Phase 2 of the EV Managed Charging pilot will also potentially evaluate multiple technical providers for telematics-based managed charging. Staff are proposing to release an RFP in early summer to select a vendor that can provide these services. Likely respondents include FlexCharging, ev.energy, WeaveGrid, and Rolling Energy Resources. Note: ev.energy was selected by Silicon Valley Clean Energy for a pilot that is similar to PCE's as part of their Innovation OnRamp program, which tests innovative new products and

strategies to reduce emissions. Staff is also exploring a partnership with a group of automakers that are utilizing the Open-Vehicle Grid Integration Platform (OVGIP), which is a platform developed by Ford, Honda, GM, BMW and the Electric Power Research Institute (EPRI) as a possible additional technical pathway.

The budget for phase 2 of the EV Managed Charging pilot is \$550,000 over the course of two years. While the components of the budget may change as the experimental design and software needs are finalized, the estimate is that funding would cover incentives (\$175,000), software subscriptions (\$125,000), design and analysis by the UC Davis research group (\$220,000), and a small contingency (\$30,000). The request to the Board of Directors is for approval of the program.

**FISCAL IMPACT:**

Up to \$550,000 over 2 years (Fiscal Year 2021-2022 through Fiscal Year 2022-2023) for Phase 2 of the EV Managed Charging Pilot.



**RESOLUTION NO. \_\_\_\_\_**

**PENINSULA CLEAN ENERGY AUTHORITY, COUNTY OF SAN MATEO, STATE OF  
CALIFORNIA**

\* \* \* \* \*

**RESOLUTION APPROVING ELECTRIC VEHICLE MANAGED CHARGING  
PILOT IN AN AMOUNT NOT TO EXCEED \$550,000 OVER TWO YEARS**

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**RESOLVED**, by the Peninsula Clean Energy Authority of the County of San Mateo, State of California, that

**WHEREAS**, PCE was formed on February 29, 2016; and

**WHEREAS**, reducing greenhouse gasses to reduce adverse public wellbeing and economic impacts of climate change is an organizational priority for PCE; and

**WHEREAS**, PCE's Strategic Vision calls for a goal to "deliver 100% carbon-free electricity every hour of every day;" and

**WHEREAS**, shifting electric vehicle charging from on-peak hours helps to better align renewable energy and energy demand, in support of PCE's Strategic Vision goals; and

**WHEREAS**, PCE has conducted a pilot project in 2020 to test managed charging through vehicle telematics; and

**WHEREAS**, PCE has collaborated with faculty from the University of California, Davis to design the proposed customer experiment in phase two of the managed

charging pilot and wishes to continue this collaboration and utilize the University of California, Davis for data analysis and evaluation; and

**WHEREAS**, PCE has an interest in testing various customer incentives to participate in a potential residential managed charging program and gather data to help inform program design.

**NOW, THEREFORE, IT IS HEREBY DETERMINED AND ORDERED** that the Board approves the Electric Vehicle Managed Charging Pilot in an amount not to exceed \$550,000 over two years.

\* \* \* \* \*



**PENINSULA CLEAN ENERGY  
JPA Board Correspondence**

**DATE:** June 14, 2021

**BOARD MEETING DATE:** June 24, 2021

**SPECIAL NOTICE/HEARING:** None

**VOTE REQUIRED:** Majority Present

**TO:** Honorable Peninsula Clean Energy Authority Executive Committee

**FROM:** Jan Pepper, Chief Executive Officer, Peninsula Clean Energy  
Rafael Reyes, Director of Energy Programs

**SUBJECT:** Disadvantaged Communities Green Tariff (DAC-GT) & Community Solar Green Tariff (CSGT)

**BACKGROUND**

On June 21, 2018, the California Public Utilities Commission (CPUC) approved [\("D."\)18-06-027](#) *Alternate Decision Adopting Alternatives to Promote Solar Distributed Generation in Disadvantaged Communities* adopting new programs to promote the installation of renewable generation among residential customers in disadvantaged communities (DAC) as directed by the California Legislature in Assembly Bill (AB) 327(Perea). Pursuant to D.18-06-027, Community Choice Aggregators ("CCAs") may develop and implement their own DAC Green Tariff (DAC-GT) and Community Solar Green Tariff (CSGT) programs.

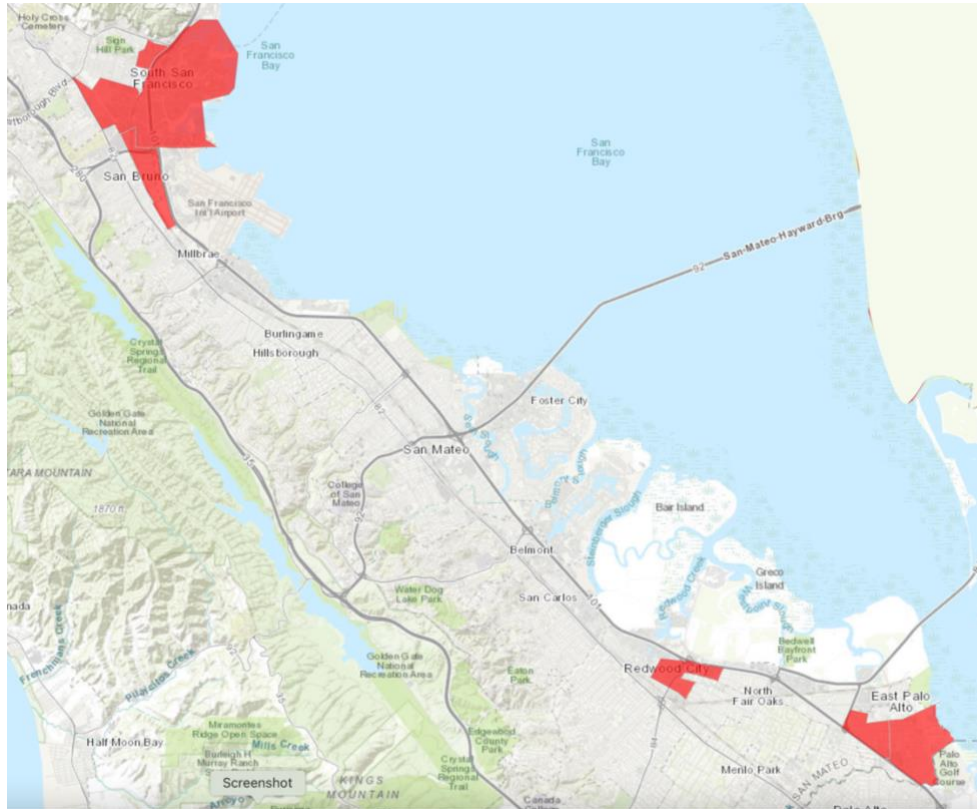
The key goals of these programs are to enable DAC residents meeting qualifying criteria to participate in renewable energy projects and promote development of renewable projects in DACs. Participating customers will receive a 20% discount on their full electric bill (PG&E and PCE charges).

Out of a predetermined state-wide pool, Peninsula Clean Energy Authority (PCE) has been allocated 1.236 MW for its DAC-GT program and 0.4025 MW for its CSGT program and authorized to procure this capacity from new in-front-of-the-meter solar projects sited in DACs in PG&E service territory. CSGT projects have the additional requirements that:

1. They must be sited within 5 miles of participating customers
2. They must have the participation of a qualifying Project Sponsor, such as non-profit community-based organizations, local government, or local government entities including schools

The CPUC has defined an eligible DAC as census tracts that either: (1) score at or above the 75th percentile (i.e., scoring in the top 25 percent statewide) in the current California

Environmental Protection Agency's (CalEPA) CalEnviroScreen 3.0 on a statewide basis, or (2) are one of the census tracts that score in the highest five percent of CalEnviroScreen's pollution burden, but that do not have an overall score. PCE currently has 6 DACs in its territory in South San Francisco, Redwood City, East Palo Alto, and San Bruno. These are highlighted in red on the map below.



It is expected that CalEnviroScreen 4.0 will be released this year. While we do not know what the changes will be, staff expects that there may be a slight increase to PCE's DAC geography.

Until its procured resources come online, PCE is authorized to procure energy from an existing solar facility (Interim Resource) that meets program criteria.

In April 2021, the CPUC approved PCE's advice letter of its implementation plan and budget for administering the GT and CSGT programs.

## **DISCUSSION**

**New Solar Solicitation:** Per program guidelines, PCE submitted its advice letter, which included its draft solicitation documents, to the CPUC for review on June 9, 2021. This Request for Offers (RFO) will be for new solar projects to meet its allocation under the programs. The CPUC has indicated that it will complete its review within 60 days. If so, staff expects that its solicitation would be launched this fall.

**Customer Enrollment:** While staff does still not have all the data required to provide a firm number of eligible customers in San Mateo County, we estimate that approximately 600 customers could be enrolled in the DAC-GT program and an additional 200 in the CSGT program. There is no difference to a customer with which program they participate in. Staff estimates that approximately 3,750 customers are eligible to participate based on income and other qualifying criteria.

Staff have explored various options for selecting and enrolling customers. Current plans are to utilize community organizations to identify most vulnerable to shutoff. El Concilio and possibly other organizations are being considered. Customers in the Arrearage Management Plan (AMP), established to reduce disconnects, may also be considered. Once customers are identified, they will be auto-enrolled.

**Los Banos:** PCE did not receive an allocation for customers in Los Banos, as Los Banos was not a service territory of PCE's at the time the CPUC allocated PCE its capacity in 2019. Staff have been engaging with CPUC officials to explore whether PCE's allocation could be increased to account for the 397 Los Banos program participants that are currently PG&E customers and enrolled in PG&E's DAC-GT program. Since this request falls outside the planned CPUC schedule for allocation review, we do not have a high level of confidence this effort will be successful. If not, PCE will need to make a decision regarding how to handle these customers. These options are primarily:

1. Leave these customers as PG&E bundled customers. They would then continue to receive the 20% bill discount. It is unclear if these customers could be enrolled in PCE as "retro-enrollment" later.
2. Enroll Los Banos DAC-GT customers with PCE \*without\* PCE DAC-GT program (no discount) until PCE's program is authorized for Los Banos.

**Interim Resource:** PCE is in advanced discussions with Marin Clean Energy (MCE) for the procurement of energy from one of its two existing solar facilities in DACs in central California. This procurement would be for the DAC-GT component only, since CSGT projects must be within 5 miles of participating customers. There is no formal CPUC deadline for when PCE's permanent resources must be operational, and the Interim Resource can be used until that time. PCE will be reimbursed any above-market costs of energy procured from this resource. Note that the Wright solar project would not qualify as an Interim Resource due to its size – eligible solar facilities must be less than 20 MW.

#### **FISCAL IMPACT:**

PCE will be reimbursed for the cost of administering the program, providing bill discounts, and the above-market costs of its solar procurements. As such, this should have no fiscal impact.

**PENINSULA CLEAN ENERGY AUTHORITY  
JPA Board Correspondence**

**DATE:** June 11, 2021

**BOARD MEETING DATE:** June 24, 2021

**SPECIAL NOTICE/HEARING:** None

**VOTE REQUIRED:** Majority Present

**TO:** Honorable Peninsula Clean Energy Authority Board of Directors

**FROM:** KJ Janowski, Director of Marketing and Community Relations

**SUBJECT:** Approve Grant for San Mateo County Community College District  
Energize Colleges Program for 2021-2022 Academic Year

**RECOMMENDATION:**

Approve a grant for the San Mateo County Community College District (SMCCCD) to Implement the Energize Colleges Program on SMCCCD campuses in an amount not to exceed \$92,360 for a term from August 1, 2021 to June 30, 2022.

**BACKGROUND:**

In 2020, Peninsula Clean Energy executed a grant agreement in the amount of \$93,000 with SMCCCD to implement the Energize Colleges Program on SMCCCD campuses. This program supports energy education and workforce development by providing funding for an Energize Colleges Fellow to manage the program and for up to 10 interns who are placed with businesses, government entities or nonprofit organizations in the County for 75-hour energy and sustainability related internships.

The Energize Colleges Fellowship Program was launched by nonprofit SEI in 2016 to support a network of California colleges and universities to advance energy and sustainability education and workforce development through experiential learning. SEI provides support and training for the Energize Colleges Fellow and SMCCCD.

**DISCUSSION:**

The 2020-2021 program year concludes at the end of June 2021 and a final report will be provided at the program's conclusion. Preliminary results indicate that the program placed 10 interns across eight entities: Acterra, Climate Resilient Communities, Coltura, El Concilio, Menlo Spark, San Mateo County Office of Education, San Mateo County Office of Sustainability and SMCCCD.

Interns were recruited from across SMCCCD with the District's social equity and environmental justice ethos in mind. To the extent possible, the recruitment process took into consideration diversity and a desire to hire individuals from under-represented communities.

The Energize College Fellow was responsible for recruiting interns, business partners, non-profits and government agencies as well as recruiting, screening, hiring, training and managing

the interns. In addition, the fellow provided results reporting and managed a speakers panel on the topic of careers in energy and sustainability.

Peninsula Clean Energy would like to support this program again for the 2021-2022 program year. It extends our support of energy education from kindergarten (via board-approved programs like the San Mateo Environmental Learning Collaborative Teacher and Administrator Fellowships) through community college.

**FISCAL IMPACT:**

This grant is for an amount of \$92,360 to be disbursed in FY22. Funds for this program have been included in the proposed FY22 budget in the Marketing and Noticing line item.

**STRATEGIC PLAN:**

This program supports Marketing and Customer Care Objective B Engagement, which states “Educate and engage stakeholders in order to gather input, inspire action, and drive program participation.” In particular, the Key Tactics of: “Foster relationships with community-based, faith-based, and non-profit organizations” and “Continue to support schools-based literacy programs focused on energy” are supported by this program.

**RESOLUTION NO. \_\_\_\_\_****PENINSULA CLEAN ENERGY AUTHORITY, COUNTY OF SAN MATEO, STATE OF  
CALIFORNIA**

\* \* \* \* \*

**RESOLUTION APPROVING GRANT FOR SAN MATEO COUNTY COMMUNITY  
COLLEGE DISTRICT ENERGIZE COLLEGES PROGRAM FOR 2021-2022  
ACADEMIC YEAR**

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**RESOLVED**, by the Peninsula Clean Energy Authority of the County of San Mateo, State of California, that

**WHEREAS**, Peninsula Clean Energy was formed on February 29, 2016 and

**WHEREAS**, Peninsula Clean Energy previously provided \$93,000 in grant funds to the San Mateo County Community College District for the Energize Colleges program; and

**WHEREAS**, the Energize Colleges program furthers Peninsula Clean Energy's strategic goals to support workforce development, support schools-based literacy programs focused on energy, and foster relationships with community-based, faith-based, and non-profit organizations; and



**WHEREAS**, the 2020-2021 program engaged one fellow, ten interns and eight non-profit organizations or government agencies in energy and sustainability internships of 75 hours each; and

**WHEREAS**, SMCCCD seeks funding of \$92,360 to continue the Energize Colleges Program in 2021-2022; and

**WHEREAS**, the cumulative dollar amount of \$185,360 exceeds the Chief Executive Officer's contract execution authority of \$100,000;

**NOW, THEREFORE, IT IS HEREBY DETERMINED AND ORDERED** that the Board approves grant funds for the SMCCD Energize Colleges Program for 2021-2022 in an amount not to exceed \$92,360.

\* \* \* \* \*

## **AGREEMENT BETWEEN THE PENINSULA CLEAN ENERGY AUTHORITY AND SAN MATEO COUNTY COMMUNITY COLLEGE DISTRICT**

This Agreement is entered into this --- day of ---, 2021, by and between the Peninsula Clean Energy Authority, a joint powers authority of the state of California, hereinafter called "PCEA," and San Mateo County Community College District, hereinafter called "Contractor."

\* \* \*

Whereas, pursuant to Section 6508 of the Joint Exercise of Powers Act, PCEA may contract with independent contractors for the furnishing of services to or for PCEA; and

Whereas, it is necessary and desirable that Contractor be retained for the purpose of implementing the Energize Colleges Program at the San Mateo County Community College District.

Energize Colleges is a program of SEI launched in 2016. SEI supports a network of California colleges and universities to advance energy and sustainability education and workforce development through experiential learning. SEI is a nonprofit that builds leaders to drive sustainability solutions. The Energize Colleges program, along with Energize Schools offer K-College energy education and workforce development to thousands of students each year. Energize Colleges is a vehicle for creating a cleaner, healthier, and more resilient future by training engineers, analysts, building scientists, policy-makers, and entrepreneurs who will lead the transformation to a clean energy future.

**Now, therefore, it is agreed by the parties to this Agreement as follows:**

### **1. Exhibits and Attachments**

The following exhibits and attachments are attached to this Agreement and incorporated into this Agreement by this reference:

Exhibit A—Services

Exhibit B—Payments and Rates

### **2. Services to be performed by Contractor**

In consideration of the payments set forth in this Agreement and in Exhibit B, Contractor shall perform services for PCEA in accordance with the terms, conditions, and specifications set forth in this Agreement and in Exhibit A.

### **3. Payments**

In consideration of the services provided by Contractor in accordance with all terms, conditions, and specifications set forth in this Agreement and in Exhibit A, PCEA shall make payment to Contractor based on the rates and in the manner specified in Exhibit B. PCEA reserves the right to withhold payment if PCEA determines that the quantity or quality of the work performed is unacceptable. In no event shall PCEA's total fiscal obligation under this Agreement exceed ninety-two thousand three hundred sixty dollars (\$92,360). In the event that the PCEA makes any advance payments, Contractor agrees to refund any amounts in excess of the amount owed by the PCEA within 30 calendar days after the Agreement termination or expiration.

**4. Term**

Subject to compliance with all terms and conditions, the term of this Agreement shall be from August 1, 2021 through June 30, 2022.

**5. Termination; Availability of Funds**

This Agreement may be terminated by Contractor or by the Chief Executive Officer of the PCEA or his/her designee at any time without a requirement of good cause upon thirty (30) days' advance written notice to the other party. Subject to availability of funding, Contractor shall be entitled to receive payment for work/services provided prior to termination of the Agreement. Such payment shall be that prorated portion of the full payment determined by comparing the work/services actually completed to the work/services required by the Agreement.

PCEA may terminate this Agreement or a portion of the services referenced in the Attachments and Exhibits based upon the unavailability of Federal, State, or PCEA funds by providing written notice to Contractor as soon as is reasonably possible after PCEA learns of said unavailability of outside funding.

**6. Relationship of Parties**

Contractor agrees and understands that the work/services performed under this Agreement are performed as an independent contractor and not as an employee of PCEA and that neither Contractor nor its employees acquire any of the rights, privileges, powers, or advantages of PCEA employees.

**7. Hold Harmless****a. General Hold Harmless**

Contractor shall indemnify and save harmless PCEA and its officers, agents, employees, and servants from all claims, suits, or actions of every name, kind, and description resulting from this Agreement, the performance of any work or services required of Contractor under this Agreement, or payments made pursuant to this Agreement brought for, or on account of, any of the following:

- (A) injuries to or death of any person, including Contractor or its employees/officers/agents;
- (B) damage to any property of any kind whatsoever and to whomsoever belonging;
- (C) any sanctions, penalties, or claims of damages resulting from Contractor's failure to comply, if applicable, with the requirements set forth in the Health Insurance Portability and Accountability Act of 1996 (HIPAA) and all Federal regulations promulgated thereunder, as amended; or
- (D) any other loss or cost, including but not limited to that caused by the concurrent active or passive negligence of PCEA and/or its officers, agents, employees, or servants. However, Contractor's duty to indemnify and save harmless under this Section shall not apply to injuries or damage for which PCEA has been found in a court of competent jurisdiction to be solely liable by reason of its own negligence or willful misconduct.

The duty of Contractor to indemnify and save harmless as set forth by this Section shall include the duty to defend as set forth in Section 2778 of the California Civil Code.

**8. Assignability and Subcontracting**

Contractor shall not assign this Agreement or any portion of it to a third party or subcontract with a third party to provide services required by Contractor under this Agreement without the prior written consent of PCEA. Any such assignment or subcontract without PCEA's prior written consent shall give PCEA the right to automatically and immediately terminate this Agreement without penalty or advance notice.

#### **9. Payment of Permits/Licenses**

Contractor bears responsibility to obtain any license, permit, or approval required from any agency for work/services to be performed under this Agreement at Contractor's own expense prior to commencement of said work/services. Failure to do so will result in forfeit of any right to compensation under this Agreement.

#### **10. W-9 Form and Submission of Invoices**

Invoices shall only be submitted by electronic form by sending an email to both the **PCEA project contact's email address** and to **PCEA's Finance email address** ([finance@peninsulacleanenergy.com](mailto:finance@peninsulacleanenergy.com)). Contractor shall submit a completed W-9 form electronically to the same email addresses. Contractor understands that no invoice will be paid by PCEA unless and until a W-9 Form is received by PCE.

#### **11. Insurance**

##### **a. General Requirements**

Contractor shall not commence work or be required to commence work under this Agreement unless and until all insurance required under this Section has been obtained and such insurance has been approved by PCEA, and Contractor shall use diligence to obtain such insurance and to obtain such approval. Contractor shall furnish PCEA with certificates of insurance evidencing the required coverage, and there shall be a specific contractual liability endorsement extending Contractor's coverage to include the contractual liability assumed by Contractor pursuant to this Agreement. These certificates shall specify or be endorsed to provide that thirty (30) days' notice must be given, in writing, to PCEA of any pending change in the limits of liability or of any cancellation or modification of the policy.

##### **b. Workers' Compensation and Employer's Liability Insurance**

Contractor shall have in effect during the entire term of this Agreement workers' compensation and employer's liability insurance providing full statutory coverage. In signing this Agreement, Contractor certifies, as required by Section 1861 of the California Labor Code, that (a) it is aware of the provisions of Section 3700 of the California Labor Code, which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of the Labor Code, and (b) it will comply with such provisions before commencing the performance of work under this Agreement.

##### **c. Liability Insurance**

Contractor shall take out and maintain during the term of this Agreement such bodily injury liability and property damage liability insurance as shall protect Contractor and all of its employees/officers/agents while performing work covered by this Agreement from any and all claims for damages for bodily injury, including accidental death, as well as any and all claims for property damage which may arise from Contractor's operations under this Agreement, whether such operations be by Contractor, any subcontractor, anyone directly or indirectly employed by either of them, or an agent of either of them. Such insurance shall be

combined single limit bodily injury and property damage for each occurrence and shall not be less than the amounts specified below:

- a) Comprehensive General Liability... \$1,000,000
- b) Motor Vehicle Liability Insurance... \$1,000,000

PCEA and its officers, agents, employees, and servants shall be named as additional insured on any such policies of insurance, which shall also contain a provision that (a) the insurance afforded thereby to PCEA and its officers, agents, employees, and servants shall be primary insurance to the full limits of liability of the policy and (b) if the PCEA or its officers, agents, employees, and servants have other insurance against the loss covered by such a policy, such other insurance shall be excess insurance only.

In the event of the breach of any provision of this Section, or in the event any notice is received which indicates any required insurance coverage will be diminished or canceled, PCEA, at its option, may, notwithstanding any other provision of this Agreement to the contrary, immediately declare a material breach of this Agreement and suspend all further work and payment pursuant to this Agreement.

## **12. Compliance With Laws**

All services to be performed by Contractor pursuant to this Agreement shall be performed in accordance with all applicable Federal, State, County, and municipal laws, ordinances, and regulations, including but not limited to the Health Insurance Portability and Accountability Act of 1996 (HIPAA) and the Federal Regulations promulgated thereunder, as amended (if applicable), the Business Associate requirements set forth in Attachment H (if attached), the Americans with Disabilities Act of 1990, as amended, and Section 504 of the Rehabilitation Act of 1973, which prohibits discrimination on the basis of disability in programs and activities receiving any Federal or County financial assistance. Such services shall also be performed in accordance with all applicable ordinances and regulations, including but not limited to appropriate licensure, certification regulations, provisions pertaining to confidentiality of records, and applicable quality assurance regulations. In the event of a conflict between the terms of this Agreement and any applicable State, Federal, County, or municipal law or regulation, the requirements of the applicable law or regulation will take precedence over the requirements set forth in this Agreement.

Contractor will timely and accurately complete, sign, and submit all necessary documentation of compliance.

## **13. Non-Discrimination and Other Requirements**

### **a. General Non-discrimination**

No person shall be denied any services provided pursuant to this Agreement (except as limited by the scope of services) on the grounds of race, color, national origin, ancestry, age, disability (physical or mental), sex, sexual orientation, gender identity, marital or domestic partner status, religion, political beliefs or affiliation, familial or parental status (including pregnancy), medical condition (cancer-related), military service, or genetic information.

### **b. Equal Employment Opportunity**

Contractor shall ensure equal employment opportunity based on objective standards of recruitment, classification, selection, promotion, compensation, performance evaluation, and management relations for

all employees under this Agreement. Contractor's equal employment policies shall be made available to PCEA upon request.

**c. Section 504 of the Rehabilitation Act of 1973**

Contractor shall comply with Section 504 of the Rehabilitation Act of 1973, as amended, which provides that no otherwise qualified individual with a disability shall, solely by reason of a disability, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination in the performance of any services this Agreement. This Section applies only to contractors who are providing services to members of the public under this Agreement.

**d. Employee Benefits**

With respect to the provision of benefits to its employees, Contractor shall ensure that employee benefits provided to employees with domestic partners are the same as those provided to employees with spouses.

**e. Discrimination Against Individuals with Disabilities**

The nondiscrimination requirements of 41 C.F.R. 60-741.5(a) are incorporated into this Agreement as if fully set forth here, and Contractor and any subcontractor shall abide by the requirements of 41 C.F.R. 60-741.5(a). This regulation prohibits discrimination against qualified individuals on the basis of disability and requires affirmative action by covered prime contractors and subcontractors to employ and advance in employment qualified individuals with disabilities.

**f. History of Discrimination**

Contractor must check one of the two following options, and by executing this Agreement, Contractor certifies that the option selected is accurate:

☒ No finding of discrimination has been issued in the past 365 days against Contractor by the Equal Employment Opportunity Commission, Fair Employment and Housing Commission, or any other investigative entity.

☐ Finding(s) of discrimination have been issued against Contractor within the past 365 days by the Equal Employment Opportunity Commission, Fair Employment and Housing Commission, or other investigative entity. If this box is checked, Contractor shall provide PCEA with a written explanation of the outcome(s) or remedy for the discrimination.

**g. Reporting; Violation of Non-discrimination Provisions**

Contractor shall report to the Chief Executive Officer of PCEA the filing in any court or with any administrative agency of any complaint or allegation of discrimination on any of the bases prohibited by this Section of the Agreement or Section 12, above. Such duty shall include reporting of the filing of any and all charges with the Equal Employment Opportunity Commission, the Fair Employment and Housing Commission, or any other entity charged with the investigation or adjudication of allegations covered by this subsection within 30 days of such filing, provided that within such 30 days such entity has not notified Contractor that such charges are dismissed or otherwise unfounded. Such notification shall include a general description of the circumstances involved and a general description of the kind of discrimination alleged (for example, gender-, sexual orientation-, religion-, or race-based discrimination).

Violation of the non-discrimination provisions of this Agreement shall be considered a breach of this Agreement and subject the Contractor to penalties, to be determined by the Chief Executive Officer, including but not limited to the following:

- i. termination of this Agreement;
- ii. disqualification of the Contractor from being considered for or being awarded a PCEA contract for a period of up to 3 years;
- iii. liquidated damages of \$2,500 per violation; and/or
- iv. imposition of other appropriate contractual and civil remedies and sanctions, as determined by the Chief Executive Officer.

To effectuate the provisions of this Section, the Chief Executive Officer shall have the authority to offset all or any portion of the amount described in this Section against amounts due to Contractor under this Agreement or any other agreement between Contractor and PCEA.

#### **14. Retention of Records; Right to Monitor and Audit**

(a) Contractor shall maintain all required records relating to services provided under this Agreement for three (3) years after PCEA makes final payment and all other pending matters are closed, and Contractor shall be subject to the examination and/or audit by PCEA, a Federal grantor agency, and the State of California.

(b) Contractor shall comply with all program and fiscal reporting requirements set forth by applicable Federal, State, and local agencies and as required by PCEA.

(c) Contractor agrees upon reasonable notice to provide to PCEA, to any Federal or State department having monitoring or review authority, to PCEA's authorized representative, and/or to any of their respective audit agencies access to and the right to examine all records and documents necessary to determine compliance with relevant Federal, State, and local statutes, rules, and regulations, to determine compliance with this Agreement, and to evaluate the quality, appropriateness, and timeliness of services performed.

#### **15. Merger Clause; Amendments**

This Agreement, including the Exhibits and Attachments attached to this Agreement and incorporated by reference, constitutes the sole Agreement of the parties to this Agreement and correctly states the rights, duties, and obligations of each party as of this document's date. In the event that any term, condition, provision, requirement, or specification set forth in the body of this Agreement conflicts with or is inconsistent with any term, condition, provision, requirement, or specification in any Exhibit and/or Attachment to this Agreement, the provisions of the body of the Agreement shall prevail. Any prior agreement, promises, negotiations, or representations between the parties not expressly stated in this document are not binding. All subsequent modifications or amendments shall be in writing and signed by the parties.

#### **16. Controlling Law; Venue**

The validity of this Agreement and of its terms, the rights and duties of the parties under this Agreement, the interpretation of this Agreement, the performance of this Agreement, and any other dispute of any nature arising out of this Agreement shall be governed by the laws of the State of California without regard to its choice of law or conflict of law rules. Any dispute arising out of this Agreement shall be venued either in the San Mateo County Superior Court or in the United States District Court for the Northern District of California.

**17. Notices**

Any notice, request, demand, or other communication required or permitted under this Agreement shall be deemed to be properly given when both: (1) transmitted via facsimile to the telephone number listed below or transmitted via email to the email address listed below; and (2) sent to the physical address listed below by either being deposited in the United States mail, postage prepaid, or deposited for overnight delivery, charges prepaid, with an established overnight courier that provides a tracking number showing confirmation of receipt.

In the case of PCEA, to:

Name/Title: Jan Pepper, Chief Executive Officer  
 Address: 2075 Woodside Road, Redwood City, CA 94061  
 Telephone: 650-260-0100  
 Email: [jpepper@peninsulacleanenergy.com](mailto:jpepper@peninsulacleanenergy.com)

In the case of Contractor, to:

Name/Title: Bernata Slater, Chief Financial Officer  
 Address: 3401 CSM Drive, San Mateo CA 94402  
 Telephone: (650) 358-6795  
 Email: [slaterb@smccd.edu](mailto:slaterb@smccd.edu)

With a copy to:

Name/Title: Joe Fullerton, Energy and Sustainability Manager  
 Address: 3401 CSM Drive San Mateo, CA 94402  
 Telephone: 650-358-6848  
 Email: [fullertonj@smccd.edu](mailto:fullertonj@smccd.edu)

**18. Electronic Signature**

PCEA and Contractor wish to permit this Agreement, and future documents executed pursuant to this Agreement, to be digitally signed in accordance with California law. Any party that agrees to allow digital signature of this Agreement may revoke such agreement at any time in relation to all future documents by providing notice pursuant to this Agreement.

**19. No Recourse Against PCEA's Member Agencies**

Contractor acknowledges and agrees that PCEA is a Joint Powers Authority, which is a public agency separate and distinct from its member agencies. All debts, liabilities, or obligations undertaken by PCEA in connection with this Agreement are undertaken solely by PCEA and are not debts, liabilities, or obligations of its member agencies. Contractor waives any recourse against PCEA's member agencies.



\* \* \*

In agreement with this Agreement's terms, the parties, by their duly authorized representatives, affix their respective signatures:

PENINSULA CLEAN ENERGY AUTHORITY

By: \_\_\_\_\_

Chief Executive Officer, Peninsula Clean Energy Authority

Date: \_\_\_\_\_

SAN MATEO COUNTY COMMUNITY COLLEGE DISTRICT

By: \_\_\_\_\_

Yanely Pulido, Director of General Services

Date: \_\_\_\_\_

### **Exhibit A - Services**

In consideration of the payments set forth in Exhibit B, Contractor shall provide the following services:

#### **Overview:**

Contractor has requested funds to implement the Energize Colleges program on the Contractor's campuses. The Energize Colleges program has a robust set of tools and support systems that facilitate this.

Contractor will hire one (1) Energize Colleges Fellow. This fellow will be the lead for the recruitment of interns and host partners. This Fellow will also be the point person for matching interns with opportunities, for supporting and tracking metrics of internship projects and providing logistical, technical and more general support to as many as twelve (12) interns over a ten-month period. Contractor proposes to recruit and hire this Fellow in collaboration with Strategic Energy Innovations (SEI). SEI will support program administration and help facilitate supervision of interns in collaboration with the Energize Colleges Fellow.

Interns and Fellows will be hired with the District's social equity and environmental justice ethos in mind. Where possible interns will be screened in part based on their financial need. Those that qualify for California College Promise Grant will be given preference. Other considerations to recruit and hire individuals from under-represented communities will be made.

The Energize Colleges program will follow three basic steps:

- 1) Contractor will recruit business partners, non-profits, and governmental agencies;
- 2) Develop a scope of work and job description for the intern position;
- 3) Publicize and market the internship program to San Mateo County Community College District students through various channels, striving for a diversity of applicants for up to 12 internships.

The interests and capabilities of students may drive the scope and the partnership, or a business may approach Contractor with a potential project scope or intern need. Up to 3 of the interns may be placed at the SMCCCD colleges to help with Campus as Lab projects and deeper academic infusion of energy and sustainability principles and practices

#### **Peninsula Clean Energy as a Sponsor:**

Peninsula Clean Energy will work with Contractor during the intern onboarding process to share information about the mission, vision, and programs of the organization, and will be a supporter throughout the program as appropriate.

#### **Milestones, Deliverables and Measurable Outcomes:**

Metrics: Contractor will provide Peninsula Clean Energy with a summary of metrics interns used to evaluate their individual projects.

Communications: Contractor will collaborate with Peninsula Clean Energy on an announcement about the launch of the program.

Updates and Reports: A brief midterm update report halfway through the project will be provided by Contractor including:

- Number of interns
- List of Host Partners
- Brief summary of intern projects and progress made toward project scope

A full project report upon completion of the project with lessons learned and recommendations for future work including:

- Final number of interns
- Final list of Host Partners
- Brief summary of intern projects completed and final metrics

DRAFT

**Exhibit B – Payments and Rates**

In consideration of the services provided by Contractor described in Exhibit A and subject to the terms of the Agreement, PCEA shall pay Contractor based on the following fee schedule and terms:

- \$40,000 - Upon the successful recruitment and hiring of the Energize Colleges Fellow. Contractor will provide copy of executed agreement between SEI and SMCCCD.
- \$9,652.50 - For each 3 interns successfully recruited and hired into energy-related roles up to \$38,610.
- \$13,750 - Upon successful completion of the grant cycle and delivery of the full project report and presentation.

| Item                               | Funding         | Description   |
|------------------------------------|-----------------|---|
| SEI Climate Corps Fellow           | \$40,000        | The Fellowship is 1,700 hours   |
| Intern Wages                       | \$38,610        | 12 interns, 75 hours each at \$16/hr including employer fees, background checks, HR staff time  |
| Program Support and Administration | \$13,750        | Cost for SMCCCD and partners to conduct training and provide administrative support for Fellows, intern employer recruitment, and program administration. |
| <b>TOTAL</b>                       | <b>\$92,360</b> |   |



**PENINSULA CLEAN ENERGY**  
**JPA Board Correspondence**

**DATE:** June 8, 2021  
**BOARD MEETING DATE:** June 24, 2021  
**SPECIAL NOTICE/HEARING:** None  
**VOTE REQUIRED:** Majority Present

**TO:** Honorable Peninsula Clean Energy Authority Board of Directors  
**FROM:** Jan Pepper, Chief Executive Officer  
**SUBJECT:** Authorize an Agreement with ABB Enterprise Software (ABB) to provide additional advisory services in the amount of \$45,000.

**RECOMMENDATION:**

Authorize an Agreement with ABB to provide additional advisory services in energy price forecasting, in the amount of \$45,000.

**BACKGROUND:**

Peninsula Clean Energy has previously subscribed to ABB's services to acquire energy price forecasts for budgeting, internal planning and analyzing the value of renewable energy projects. Peninsula Clean Energy seeks additional price forecasts from ABB to update for more recent assumptions and to add pricing nodes specific to projects shortlisted in the CC Power Long Duration Storage RFO. The price forecasts are software developed models that simulate the electricity market, transmission systems, the expansion of renewable generation, energy efficiency, federal regulations, and much more.

**DISCUSSION:**

ABB develops updated price forecasts approximately twice per year. Peninsula Clean Energy has subscribed to these forecast updates since June 2018. Peninsula Clean Energy has executed eight service agreements with ABB since June 2018 and seeks to execute one more for 2021.

- In June 2018, Peninsula Clean Energy executed a one-year subscription with ABB to acquire energy price forecasts for four large pricing zones within the California Independent System Operator (CAISO). This subscription gave

Peninsula Clean Energy access to two of ABB's hourly zonal<sup>1</sup> energy price forecasts, referred to as the Spring and Fall Power Reference Cases.

- In August 2018, Peninsula Clean Energy purchased additional services from ABB to simulate a long-term, 25-year nodal<sup>2</sup> hourly energy forecast for four of Peninsula Clean Energy's resources, contracted under power purchase agreements (PPAs), and at the single location in which Peninsula Clean Energy purchases power from the grid to serve its customers, referred to as the PG&E Demand Load Aggregation Point (DLAP).
- In September 2018, Peninsula Clean Energy purchased from ABB a 25-year, long-term nodal hourly energy forecast for seven resource locations that Peninsula Clean Energy was considering as PPAs.
- In March 2019, Peninsula Clean Energy signed an agreement with ABB to refresh the energy price forecasts that were previously simulated in August and September of 2018. This allowed Peninsula Clean Energy to evaluate potential PPAs with the most up-to-date energy forecasts.
- In June 2019, after having subscribed to ABB's services for more than one year, Peninsula Clean Energy signed an agreement to purchase the 25-year, hourly zonal energy price forecasts for 2019, 2020 and 2021. The forecasts are delivered twice a year and are referred to as the Spring and Fall Reference Cases. The Reference Cases must be purchased before ABB can provide price analysis at specific project or nodal locations.
- On March 13, 2020, Peninsula Clean Energy signed an agreement for three nodal price refreshes in 2020. This included a 25-year, long-term nodal hourly energy forecasts for several nodal locations. Peninsula Clean Energy requested three in 2020 due to the timing in which ABB simulates the forecasts and because Peninsula Clean Energy had not updated the price forecasts that are used for its PPAs since March 2019.
- On March 27, Peninsula Clean Energy signed an agreement for two additional nodal price refreshes in 2021. This included a 25-year, long-term nodal hourly energy forecasts for several nodal locations. Peninsula Clean Energy requested two in 2021 to align with ABB's Spring 2020 and Fall 2020 Power Reference Case releases.
- In December 2020, Peninsula Clean Energy signed an agreement for additional nodal price forecasts specific to the Long Term Renewable RFO for the Fall 2020 Power Reference Case.

ABB provides specialized energy forecast services that Peninsula Clean Energy has not found elsewhere and sees significant value in purchasing. Peninsula Clean Energy has used this data to evaluate the long-term value of PPAs as several factors are considered in ABB's market simulation software, and now Peninsula Clean Energy intends to use this information for internal planning and to evaluate shortlisted projects from the current

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<sup>1</sup> Zonal Pricing: A larger geographical area on the transmission system that aggregates many nodal pricing locations to publish one aggregated zonal price

<sup>2</sup> Nodal Pricing: Represents a physical location on the transmission system where energy is injected by generators or withdrawn by loads

Long-Term Renewable RFO and the Long Duration Storage RFO that Peninsula Clean Energy is participating in via CC Power.

Peninsula Clean Energy is requesting approval to execute a ninth agreement with ABB to update the nodal price forecasts for the 2021 Spring and Fall reference cases and for additional nodal price forecasts specific to the Long Duration Storage RFO. Peninsula Clean Energy is saving roughly \$30,000 by purchasing the additional nodal forecasts specific to the Long-Term Renewable RFO and the Long Duration Storage RFO as a bundle with the existing contracts. With the previous eight agreements signed with ABB since June 2018 totaling \$333,750, Peninsula Clean Energy is requesting authorization to execute the ninth agreement for \$45,000, bringing the total amount spent on ABB agreements to \$378,500.

ABB provides comprehensive energy market forecasts that are used to make strategic investment and operational decisions. It requires an enormous amount of resources and expertise to develop these hourly energy forecasts. ABB's forecasts are widely used across the country by utilities, electric service providers, developers, and many other companies in the energy sector.

**FISCAL IMPACT:**

The fiscal impact of the amendment to the agreement will not exceed \$45,000 over the term of the agreement.

**STRATEGIC PLAN:**

The agreement supports the following objectives and key tactics in Peninsula Clean Energy's strategic plan:

Objective A: Low-Cost and Stable Power

- Develop and implement power supply strategies to procure low-cost, reliable power
- Key Tactics:
  - Continuously refine Peninsula Clean Energy's risk management strategy to manage power supply resources and minimize risk to financial and rate objectives
  - Secure better risk management analytical tools and staff training to meet risk management strategy objectives

**RESOLUTION NO. \_\_\_\_\_**

**PENINSULA CLEAN ENERGY AUTHORITY, COUNTY OF SAN MATEO, STATE OF  
CALIFORNIA**

\* \* \* \* \*

**RESOLUTION DELEGATING AUTHORITY TO THE CHIEF EXECUTIVE OFFICER  
TO EXECUTE AN AGREEMENT WITH ABB ENTERPRISE SOFTWARE FOR  
ADDITIONAL ADVISORY SERVICES IN ENERGY PRICE FORECASTING IN THE  
AMOUNT OF \$45,000**

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**RESOLVED**, by the Peninsula Clean Energy Authority of the County of San Mateo, State of California, that

**WHEREAS**, the Peninsula Clean Energy Authority (“Peninsula Clean Energy” or “PCE”) was formed on February 29, 2016; and

**WHEREAS**, ABB Enterprise Software (“Contractor”) develops long-term hourly energy price forecasts for up to 25 years for specific resources located within the California Independent System Operator; and

**WHEREAS**, Peninsula Clean Energy intends to update the energy price forecasts at a minimum of biannually for budgeting and planning purposes; and

**WHEREAS**, Contractor has unique capabilities to analyze regulatory and future market considerations to produce long-term energy price forecasts; and



**WHEREAS**, Contractor has been providing this forecasting service to Peninsula Clean Energy approximately twice a year since June 28, 2018; and

**WHEREAS**, Peninsula Clean Energy has subscribed to Contractor's services since June 2018, and has executed eight prior service agreements with Contractor for price forecasting services totaling \$333,500; and

**WHEREAS**, PCE seeks additional energy price forecasts, in Spring of 2021 and Fall of 2021, to support evaluation of shortlisted projects in the Long Term Renewable RFO and the CC Power Long Duration Storage RFO; and

**WHEREAS**, PCE seeks to approve another agreement with Contractor for additional energy price forecasts at a reduced service cost not to exceed \$45,000 for a total cost since June 2018 of \$378,500.

**NOW, THEREFORE, IT IS HEREBY DETERMINED AND ORDERED** that the Board delegates authority to the Chief Executive Officer to:

Execute the Agreement with the Contractor with terms consistent with those presented, in a form approved by the General Counsel.

\* \* \* \* \*



**PENINSULA CLEAN ENERGY  
JPA Board Correspondence**

**DATE:** June 7, 2021

**BOARD MEETING DATE:** June 24, 2021

**SPECIAL NOTICE/HEARING:** None

**VOTE REQUIRED:** Majority Present

**TO:** Honorable Peninsula Clean Energy Authority Executive Committee

**FROM:** Jan Pepper, Chief Executive Officer, Peninsula Clean Energy  
Rafael Reyes, Director of Energy Programs

**SUBJECT:** RidePanda Contract Amendment

**RECOMMENDATION**

Approve RidePanda contract amendment to increase total budget to \$225,600.

**BACKGROUND**

Peninsula Clean Energy's mission is to reduce greenhouse gas (GHG) emissions in San Mateo County and California's goal is to be carbon neutral by 2045, which PCE aims to support through investment in local community programs. Transportation emissions are the most significant challenge to deep decarbonization in San Mateo County. These emissions account for about 50% of direct emissions within the County and are still increasing. Approximately 40% of transportation emissions are from local commercial, rental, and government fleets that range from light-duty passenger vehicles to heavy-duty trucks.

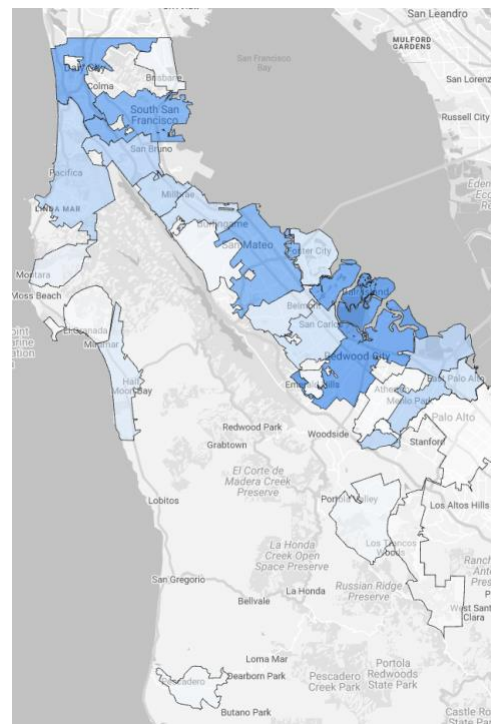
To support decarbonization efforts, the Board approved the PCE Program Roadmap in September 2018, which identifies programs for 2019 and beyond to include transportation electrification measures, such as new and used vehicle purchase incentives, a multi-year electric vehicle (EV) infrastructure program, fleets, and new and shared mobility. In July 2020, the Board approved \$300,000 in funds for an e-bike rebate program, named the "E-Bikes for Everyone" program, including \$240,000 in incentives (up to 300 e-bikes) and \$60,000 for a partnership with Silicon Valley Bicycle Coalition to provide bike safety workshops and outreach. 4 bike shops, including Sports Basement, Summit Bicycles, Mike's Bikes, and RidePanda (online retailer) entered into contract with Peninsula Clean Energy to provide the rebate as a point-of-sale discount.

## **DISCUSSION**

The “E-Bikes for Everyone” rebate program formally opened on May 26, 2021 and over 300 applications were received within the first week, quickly exceeding the available budget. Thus far, nearly 90% of e-bikes that have been purchased have been through RidePanda. There are a few likely explanations for RidePanda’s popularity among customers. First, they have a relatively wide-ranging e-bike inventory, especially for more affordable e-bikes. This is particularly important as demand for e-bikes is currently high and many bike shops have limited inventory. Second, RidePanda has a well-developed equity component, including several financing options that are available to nearly everyone, significantly reducing the upfront barriers to purchasing e-bikes.

### **E-Bikes for Everyone Applications Summary, by City (as of 6/7/21)**

|     | <b>Premise City</b>    | <b>Applications ▼</b> |
|-----|------------------------|-----------------------|
| 1.  | Redwood City, CA       | 58                    |
| 2.  | Daly City, CA          | 51                    |
| 3.  | South San Francisco... | 50                    |
| 4.  | San Mateo, CA          | 47                    |
| 5.  | San Bruno, CA          | 23                    |
| 6.  | Menlo Park, CA         | 22                    |
| 7.  | Pacifica, CA           | 21                    |
| 8.  | Millbrae, CA           | 20                    |
| 9.  | Burlingame, CA         | 16                    |
| 10. | San Carlos, CA         | 15                    |
| 11. | Foster City, CA        | 13                    |
| 12. | East Palo Alto, CA     | 13                    |
| 13. | Belmont, CA            | 11                    |
| 14. | Half Moon Bay, CA      | 8                     |
| 15. | Montara, CA            | 5                     |



As of June 10, nearly 100 e-bikes have already been purchased by customers through RidePanda, quickly approaching their already-amended contract limit of 124 e-bikes. As the partnership with RidePanda has proven highly successful with customers in the E-Bikes for Everyone program, staff is recommending a contract amendment to increase the contract amount up to \$225,600 to continue to allow customers to purchase e-bikes from RidePanda. The contract amendment would allow for a total of up to 282 e-bikes to be purchased through RidePanda, or about 95% of the total incentives budget.

The total e-bike program budget of \$300,000 is unchanged, only the contract limit for RidePanda as a participating bike shop in the program.

**FISCAL IMPACT:**

Funding for the E-Bikes for Everyone program is already in the approved Community Energy Programs budget.

PENINSULA CLEAN ENERGY AUTHORITY, COUNTY OF SAN MATEO, STATE OF  
CALIFORNIA

\* \* \* \* \*

RESOLUTION DELEGATING AUTHORITY TO THE CHIEF EXECUTIVE  
OFFICER TO EXECUTE AN AMENDMENT TO THE AGREEMENT WITH  
ELEKTRA MOBILITY INC. DBA “RIDEPANDA”  
TO INCREASE THE NOT TO EXCEED AMOUNT BY \$125,800 FOR A TOTAL  
NOT TO EXCEED AMOUNT OF \$225,600

---

**RESOLVED**, by the Peninsula Clean Energy Authority of the County of San  
Mateo, State of California, that

**WHEREAS**, PCE was formed on February 29, 2016; and

**WHEREAS**, the PCE Board of Directors approved the E-Bikes for Everyone  
Program on July 23, 2020; and

**WHEREAS**, PCE has contracted with bicycle stores, including on-line retailer  
RidePanda, to administer e-bike rebates as a point-of-sale discount to qualified  
customers; and

**WHEREAS**, PCE staff and RidePanda have negotiated and executed an  
agreement effective from May 10, 2021 through February 1, 2024 in an amount not to  
exceed \$80,000; and

**WHEREAS**, PCE has executed an amendment to the original agreement, effective June 7, 2021, to increase the initial agreement amount from \$80,000 to a revised amount not to exceed \$99,200; and

**WHEREAS**, the RidePanda contract is approaching its maximum value, driven by customer sales; and

**WHEREAS**, PCE is satisfied with RidePanda's participation in the E-Bikes for Everyone program and would like to increase the contract amount by \$125,800 in order to further facilitate customer participation in the program.

**NOW, THEREFORE, IT IS HEREBY DETERMINED AND ORDERED** that the Board delegates authority to the Chief Executive Officer to finalize and execute the amended agreement with RidePanda in an amount not to exceed \$225,600 over three years and in a form approved by the General Counsel.

\* \* \* \* \*

**AMENDMENT NO. 2 TO AGREEMENT BETWEEN PENINSULA CLEAN ENERGY  
AUTHORITY AND RIDEPANDA**

THIS AMENDMENT TO THE AGREEMENT, entered into this 24th day of June, 2021 by and between PENINSULA CLEAN ENERGY AUTHORITY, a California joint powers authority, hereinafter called "PCE," and Elektra Mobility Inc. dba "RIDEPANDA" hereinafter called "Contractor";

**W I T N E S S E T H:**

WHEREAS, the parties entered into an Agreement on May 10, 2021 for the purpose of E-bike rebate administration ("Agreement"); and

WHEREAS, the RidePanda contract is approaching its maximum value, as a result of customer sales; and

WHEREAS, the parties wish to amend the Agreement to increase the maximum amount by \$126,400 to an amount not to exceed \$225,600.

**NOW, THEREFORE, IT IS HEREBY AGREED BY THE PARTIES HERETO AS  
FOLLOWS:**

1. The text of Section 3 "Payments" and Exhibit B shall be amended to replace "ninety-nine thousand, two hundred dollars (\$99,200)" and "\$99,200"

with the following:

"two hundred and twenty-five thousand, six hundred dollars (\$225,600)"  
and "\$225,600"

2. Except as expressly amended herein, all other provisions of the Agreement shall remain in full force and effect.
3. This Amendment No. 1 shall take effect upon the date of execution by both parties.

IN WITNESS WHEREOF, the parties hereto have executed this Amendment as set forth below.

Peninsula Clean Energy Authority

By: \_\_\_\_\_  
Janis C. Pepper, CEO

Dated: June 24, 2021

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Dated: \_\_\_\_\_



**REGULAR MEETING of the Board of Directors of the  
Peninsula Clean Energy Authority (PCEA)  
Thursday, May 27, 2021  
MINUTES**

Peninsula Clean Energy  
Video conference and teleconference  
6:30 p.m.

**CALL TO ORDER**

Meeting was called to order at 6:30 p.m.

**ROLL CALL**

**Present:** Dave Pine, County of San Mateo  
Rick DeGolia, Town of Atherton, *Chair*  
Donna Colson, City of Burlingame, *Vice Chair*  
Julia Mates, City of Belmont  
Coleen Mackin, City of Brisbane  
Roderick Daus-Magbual, City of Daly City  
Carlos Romero, City of East Palo Alto  
Sam Hindi, City of Foster City  
Harvey Rarback, City of Half Moon Bay  
Tom Faria, City of Los Banos  
Betsy Nash, City of Menlo Park  
Ann Schneider, City of Millbrae  
Tygarjas Bigstyk, City of Pacifica  
Jeff Aalfs, Town of Portola Valley  
Giselle Hale, City of Redwood City  
Marty Medina, City of San Bruno  
Laura Parmer-Lohan, City of San Carlos  
Rick Bonilla, City of San Mateo  
James Coleman, City of South San Francisco  
John Carvell, Town of Woodside  
Pradeep Gupta, Director Emeritus  
John Keener, Director Emeritus

**Staff:** Jan Pepper, Chief Executive Officer  
Andy Stern, Chief Financial Officer  
Leslie Brown, Director of Customer Care  
KJ Janowski, Director of Marketing and Community Relations  
Kirsten Andrews-Schwind, Senior Manager of Community Relations  
Siobhan Doherty, Director of Power Resources  
Marc Hershman, Director of Government Affairs  
Siobhan Doherty, Director of Power Resources  
Rafael Reyes, Director of Community Energy Programs  
Jeremy Waen, Director of Regulatory Policy  
Jennifer Stalzer Kraske, Deputy County Counsel  
Kim Le, Senior Manager, Data and Technology

**A quorum was established.**

**PUBLIC COMMENT:**

Carol Steinfeld, Water Committee, Loma Prieta Chapter of the Sierra Club

**ACTION TO SET THE AGENDA AND APPROVE REMAINING CONSENT AGENDA ITEMS**

Motion Made / Seconded: DeGolia / Parmer-Lohan

**Motion passed 18-0 (Absent: County of San Mateo, Burlingame, Colma, East Palo Alto, Hillsborough)**

| JURISDICTION                | NAME                  | YES | NO | ABSTAIN | ABSENT |
|-----------------------------|-----------------------|-----|----|---------|--------|
| County of San Mateo         | Dave Pine             | X   |    |         |        |
| County of San Mateo         | Director Groom        |     |    |         | X      |
| Town of Atherton            | Director DeGolia      | X   |    |         |        |
| City of Belmont             | Director Mates        | X   |    |         |        |
| City of Brisbane            | Director Mackin       | X   |    |         |        |
| City of Burlingame          | Director Colson       |     |    |         | X      |
| Town of Colma               | Director Gonzalez     |     |    |         | X      |
| City of Daly City           | Director Daus-Magbual | X   |    |         |        |
| City of East Palo Alto      | Director Romero       |     |    |         | X      |
| City of Foster City         | Director Hindi        | X   |    |         |        |
| City of Half Moon Bay       | Director Rarback      | X   |    |         |        |
| Town of Hillsborough        | Director May          |     |    |         | X      |
| City of Los Banos           | Director Faria        | X   |    |         |        |
| City of Menlo Park          | Director Nash         | X   |    |         |        |
| City of Millbrae            | Director Schneider    | X   |    |         |        |
| City of Pacifica            | Alternate Bigstych    | X   |    |         |        |
| Town of Portola Valley      | Director Aalfs        | X   |    |         |        |
| City of Redwood City        | Alternate Smith       | X   |    |         |        |
| City of San Bruno           | Director Medina       | X   |    |         |        |
| City of San Carlos          | Director Parmer-Lohan | X   |    |         |        |
| City of San Mateo           | Director Bonilla      | X   |    |         |        |
| City of South San Francisco | Director Coleman      | X   |    |         |        |
| Town of Woodside            | Director Carvell      | X   |    |         |        |
| Totals                      |                       | 18  |    |         |        |

**REGULAR AGENDA**

## 1. CHAIR REPORT

No Report.

## 2. CEO REPORT

Jan Pepper, *Chief Executive Officer*, informed the Board that Western Community Energy, a CCA (Community Choice Aggregator) launched in 2020, is filing for Chapter 9 bankruptcy. Jan described the reasons why Western Community Energy is filing for bankruptcy and assured the Board that Peninsula Clean Energy continues to be in a strong financial position. Jan provided a staffing update to the Board, noting that Jennika Uribe will start as Community Outreach Specialist for Los Banos on June 1<sup>st</sup>, and informed them of remaining open positions. Jan also provided an update on our successful electric bicycle program and the proposed decision regarding the PCIA (Power Charge Indifference Adjustment). She also described the status of our DAC-GT and CS-GT program (Disadvantage Community Green Tariff and Community Solar Green Tariff program), and legislative activity that occurred in the past month regarding Senate Bill 612, 68, and 67. Jan congratulated the City of Daly City for approving reach codes and congratulated the City of South San Francisco on having their first meeting on reach codes.

Jan answered questions from the Board regarding our DAC-GT and CS-GT program, including timing for the Request for Proposals (RFP) and which areas of our service territory are considered Disadvantaged Communities.

## 3. CITIZENS ADVISORY COMMITTEE REPORT

Desiree Thayer, *Citizens Advisory Committee (CAC) Chair*, reported that at their last meeting CAC members received a legislative update from Marc Hershman, an update on the DEAI (Diversity, Equity, Accessibility, and Inclusion) project from Shayna Barnes, and an update on the e-bike program from Phillip Kobernick. Desiree also described that at this meeting the Committee signed up for working groups for their new work plan that was approved at the last Board meeting in April 2021. Board members requested that the CAC members and CAC lead member of each working group be included in the next weekly Board newsletter.

## 4. APPOINTMENTS TO THE CITIZENS ADVISORY COMMITTEE

Kirsten Andrews-Schwind, *Senior Manager of Community Relations*, introduced the topic and described the process for Citizens Advisory Committee (CAC) Recruitment and nominations. Tom Faria, Board Member from Los Banos, introduced the new nominees to the Citizens Advisory Committee - Daniel Baerwaldt and Cheryl Schaff and the nominees for renewed terms - Diane Bailey and Joseph Fullerton. Tom Faria made a motion to appoint these four nominees to the Committee to serve 3-year terms. Rick Bonilla seconded the motion.

Motion Made / Seconded: Faria / Bonilla

**Motion passed 20-0 (Absent: County of San Mateo, Colma, Hillsborough)**

| JURISDICTION                | NAME                  | YES | NO | ABSTAIN | ABSENT |
|-----------------------------|-----------------------|-----|----|---------|--------|
| County of San Mateo         | Dave Pine             | X   |    |         |        |
| County of San Mateo         | Director Groom        |     |    |         | X      |
| Town of Atherton            | Director DeGolia      | X   |    |         |        |
| City of Belmont             | Director Mates        | X   |    |         |        |
| City of Brisbane            | Director Mackin       | X   |    |         |        |
| City of Burlingame          | Director Colson       | X   |    |         |        |
| Town of Colma               | Director Gonzalez     |     |    |         | X      |
| City of Daly City           | Director Daus-Magbual | X   |    |         |        |
| City of East Palo Alto      | Director Romero       | X   |    |         |        |
| City of Foster City         | Director Hindi        | X   |    |         |        |
| City of Half Moon Bay       | Director Rarback      | X   |    |         |        |
| Town of Hillsborough        | Director May          |     |    |         | X      |
| City of Los Banos           | Director Faria        | X   |    |         |        |
| City of Menlo Park          | Director Nash         | X   |    |         |        |
| City of Millbrae            | Director Schneider    | X   |    |         |        |
| City of Pacifica            | Alternate Bigstyk     | X   |    |         |        |
| Town of Portola Valley      | Director Aalfs        | X   |    |         |        |
| City of Redwood City        | Alternate Smith       | X   |    |         |        |
| City of San Bruno           | Director Medina       | X   |    |         |        |
| City of San Carlos          | Director Parmer-Lohan | X   |    |         |        |
| City of San Mateo           | Director Bonilla      | X   |    |         |        |
| City of South San Francisco | Director Coleman      | X   |    |         |        |
| Town of Woodside            | Director Carvell      | X   |    |         |        |
|                             | Totals                | 20  |    |         |        |

## 5. APPROVE UPDATE TO THE EV CHARGING INCENTIVE PROGRAM

Phillip Kobernick, *Program Manager*, reviewed the EV Charging Infrastructure Program “EV Ready” and current funding levels provided by Peninsula Clean Energy for EV charging retrofit projects. Phillip described the Low Carbon Fuel Standard (LCFS) program and the additional incentives available under this program that can help address gaps in funding under the preexisting EV Ready program. Phillip answered questions from committee members regarding requirements for charging stations, eligibility, and preferences for site types under the LCFS program. Board members expressed their support for the program and how it will help create much-needed EV (electric vehicle) charging infrastructure.

Motion Made / Seconded: Hale/Bonilla

**Motion passed 20-0 (Absent: County of San Mateo, Colma, Hillsborough)**

| JURISDICTION                | NAME                  | YES | NO | ABSTAIN | ABSENT |
|-----------------------------|-----------------------|-----|----|---------|--------|
| County of San Mateo         | Dave Pine             | X   |    |         |        |
| County of San Mateo         | Director Groom        |     |    |         | X      |
| Town of Atherton            | Director DeGolia      | X   |    |         |        |
| City of Belmont             | Director Mates        | X   |    |         |        |
| City of Brisbane            | Director Mackin       | X   |    |         |        |
| City of Burlingame          | Director Colson       | X   |    |         |        |
| Town of Colma               | Director Gonzalez     |     |    |         | X      |
| City of Daly City           | Director Daus-Magbual | X   |    |         |        |
| City of East Palo Alto      | Director Romero       | X   |    |         |        |
| City of Foster City         | Director Hindi        | X   |    |         |        |
| City of Half Moon Bay       | Director Rarback      | X   |    |         |        |
| Town of Hillsborough        | Director May          |     |    |         | X      |
| City of Los Banos           | Director Faria        | X   |    |         |        |
| City of Menlo Park          | Director Nash         | X   |    |         |        |
| City of Millbrae            | Director Schneider    | X   |    |         |        |
| City of Pacifica            | Alternate Bigstyk     | X   |    |         |        |
| Town of Portola Valley      | Director Aalfs        | X   |    |         |        |
| City of Redwood City        | Alternate Smith       | X   |    |         |        |
| City of San Bruno           | Director Medina       | X   |    |         |        |
| City of San Carlos          | Director Parmer-Lohan | X   |    |         |        |
| City of San Mateo           | Director Bonilla      | X   |    |         |        |
| City of South San Francisco | Director Coleman      | X   |    |         |        |
| Town of Woodside            | Director Carvell      | X   |    |         |        |
|                             | Totals                | 20  |    |         |        |

## 6. REVIEW FISCAL YEAR 2021-2022 DRAFT BUDGET

Andy Stern, *CFO*, reviewed the draft budget for fiscal year 2021-2022 including the schedule for review and approval, key assumptions, and details of key areas. Andy provided a review of the draft budget for fiscal years 2021-2026. Board members noted how budget forecasts change constantly, and asked Andy questions regarding risk mitigation related to volatility in forecasting for the Power Charge Indifference Adjustment (PCIA), energy costs, and weather.

### PUBLIC COMMENT:

Mark Roest

## 7. BOARD MEMBERS' REPORTS

Rick DeGolia reminded Board members to respond to a survey in an email from Patricia Tomlinson regarding the CEO review process for this year.

**ADJOURNMENT**

Meeting was adjourned at 7:46 p.m.

**PENINSULA CLEAN ENERGY AUTHORITY  
JPA Board Correspondence**

**DATE:** June 15, 2021

**BOARD MEETING DATE:** June 24, 2021

**SPECIAL NOTICE/HEARING:** None

**VOTE REQUIRED:** None

**TO:** Honorable Peninsula Clean Energy Authority Board of Directors

**FROM:** Karen Janowski, Director of Marketing and Community Relations &  
Leslie Brown, Director of Customer Care

**SUBJECT:** Update on Marketing, Outreach Activities, and Customer Care

**BACKGROUND:**

The Marketing, Community Relations, and Customer Care Teams are responsible for enhancing Peninsula Clean Energy's brand reputation, educating and engaging customers, driving participation in programs, and ensuring customer satisfaction and retention. Tactics include community outreach, content creation and storytelling through owned (e.g. online, social media), earned (e.g. public relations), and paid media (advertising), school engagement programs, and customer care.

**DISCUSSION:**

The following is an update of activities that are currently underway. See "Strategic Plan" section below for how these activities support Peninsula Clean Energy's strategic plan objectives.

**Website Update**

Over the weekend of May 21-22, 2021, Marketing significantly updated our website to reflect our revised brand "look and feel" and to improve navigation, security and accessibility.

**Heat Pump Water Heater (HPWH) Incentive Program**

Marketing is supporting the program goal to install 200 heat pump water heaters in the first two years. As of June 8, 2021, we have had more than 12,000 unique visitors to the HPWH incentive page through owned media (email) and paid digital advertising, including ads (starting 1/29/21) that are part of the "Switch is On" campaign.

**Electric Vehicle (EV) Campaign**

Marketing has been running an EV awareness digital ad campaign since January. The campaign includes search ads addressing misconceptions about EVs (e.g. cost of ownership, range capabilities, charging solutions).

## **E-Bikes for Everyone**

This program launched on May 26 with a press release, social media campaign (including efforts by our Community Outreach Grantees) and inclusion in our Energy Programs Bulletin to customers.

## **Power On Peninsula Resilience Program**

Power On Peninsula is the innovative Peninsula Clean Energy program that is helping residents maintain power during grid outages. It provides portable batteries to medically vulnerable residents in areas at high risk for power shutoffs and, through our relationship with Sunrun, offers grid storage that helps reduce greenhouse gas emissions and move Peninsula Clean Energy toward its goal of 100% renewable energy.

### Power On Peninsula – Medically Vulnerable

As of June 8, 2021 a total of 149 batteries and 78 solar briefcases (portable solar panels to recharge the batteries) have been provided to medically vulnerable residents. This program will terminate at the end of June 2021.

### Power On Peninsula – Homeowner

Sunrun has started staffing a booth at Home Depot to talk with residents one-on-one about our solar + storage program.

## **Building Electrification Awareness Program**

Additional inspirational projects are being added to the [all-electric project showcase](#) pages of our website over the next several weeks.

## **News & Media**

Peninsula Clean Energy issued two news releases since our last monthly report to the Board of Directors:

- [Peninsula Clean Energy Launches “E-Bikes for Everyone” Program](#)
- [Lyft, Peninsula Clean Energy Launch Electric Vehicle Ride-Hailing Program](#)

Full coverage of Peninsula Clean Energy in the news can be found on our [News & Media](#) webpage.

## **Market Research**

The annual survey of residents’ awareness, perceptions and attitudes has been completed. Preliminary topline results were available at the end of May 2021 with a detailed report to be received by the end of June 2021.

## **Hiring**

Jennika Uribe started June 1 in the role of Community Outreach Specialist for Los Banos. Marketing is currently recruiting for a Community Outreach Specialist to support outreach to communities in San Mateo County.



## **ENROLLMENT UPDATE:**

### **ECO100 Statistics**

|  |       |
|--|-------|
| Total ECO100 accounts at end of May:       | 6,188 |
| ECO100 accounts added in the month:        | 39    |
| ECO100 accounts dropped in the month:      | 42    |
| Total ECO100 accounts at the end of April: | 6,191 |

### **Enrollment Statistics**

Opt-outs decreased from March 2021 (96) to April 2021 (42). The opt-out rate adjusted for move-in/move-outs is 2.58%, and our overall participation rate is 97.42% of eligible accounts.

### Opt-Outs by City

| CITY                 | Eligible Accts | Total        | TOTAL OPT OUT |
|----------------------|----------------|--------------|---------------|
| ATHERTON INC         | 2,722          | 48           | 1.76%         |
| BELMONT INC          | 11,953         | 334          | 2.79%         |
| BRISBANE INC         | 2,523          | 62           | 2.46%         |
| BURLINGAME INC       | 15,507         | 376          | 2.42%         |
| COLMA INC            | 767            | 13           | 1.69%         |
| DALY CITY INC        | 34,176         | 1296         | 3.79%         |
| EAST PALO ALTO INC   | 7,927          | 357          | 4.50%         |
| FOSTER CITY INC      | 14,877         | 321          | 2.16%         |
| HALF MOON BAY INC    | 4,986          | 160          | 3.21%         |
| HILLSBOROUGH INC     | 4,058          | 98           | 2.41%         |
| MENLO PARK INC       | 15,776         | 263          | 1.67%         |
| MILLBRAE INC         | 9,335          | 316          | 3.39%         |
| PACIFICA INC         | 15,471         | 620          | 4.01%         |
| PORTOLA VALLEY INC   | 1,687          | 112          | 6.64%         |
| REDWOOD CITY INC     | 35,156         | 887          | 2.52%         |
| SAN BRUNO INC        | 16,532         | 725          | 4.39%         |
| SAN CARLOS INC       | 14,663         | 405          | 2.76%         |
| SAN MATEO INC        | 44,521         | 1294         | 2.91%         |
| SO SAN FRANCISCO INC | 25,232         | 1022         | 4.05%         |
| UNINC SAN MATEO INC  | 24,628         | 788          | 3.20%         |
| WOODSIDE INC         | 2,286          | 46           | 2.01%         |
| <b>Grand Total</b>   | <b>304,783</b> | <b>9,543</b> | <b>3.13%</b>  |

Table reflects data as of 6/11/2021

In addition to the County of San Mateo, there are a total of 15 ECO100 cities. The ECO100 towns and cities as of April 9, 2021, include: Atherton, Belmont, Brisbane, Burlingame, Colma, Foster City, Half Moon Bay, Hillsborough, Menlo Park, Millbrae, Portola Valley, Redwood City, San Carlos, San Mateo, and Woodside.

The opt-up rates below include municipal accounts, which may noticeably increase the rate in smaller jurisdictions.

### Active Accounts by City and ECO100 Opt-Up Rate

| City           | Active Accounts | ECO100 Opt-Up % |
|----------------|-----------------|-----------------|
| Atherton       | 2,647           | 2.23%           |
| Belmont        | 11,609          | 1.62%           |
| Brisbane       | 2,460           | 3.54%           |
| Burlingame     | 15,212          | 2.24%           |
| Colma          | 757             | 3.96%           |
| Daly City      | 33,027          | 0.28%           |
| East Palo Alto | 7,555           | 0.34%           |
| Foster City    | 14,475          | 2.34%           |
| Half Moon Bay  | 4,792           | 2.25%           |
| Hillsborough   | 3,953           | 1.80%           |

|                     |                |              |
|---------------------|----------------|--------------|
| Menlo Park          | 15,616         | 3.37%        |
| Millbrae            | 9,055          | 1.13%        |
| Pacifica            | 14,854         | 1.15%        |
| Portola Valley      | 1,591          | 93.65%       |
| Redwood City        | 34,641         | 2.06%        |
| San Bruno           | 15,800         | 0.61%        |
| San Carlos          | 14,238         | 2.28%        |
| San Mateo           | 43,305         | 1.57%        |
| So. San Francisco   | 24,400         | 0.45%        |
| Uninc. San Mateo Co | 23,665         | 2.57%        |
| Woodside            | 2,234          | 2.55%        |
| Agriculture         | 240            | 0.00%        |
| <b>Grand Total</b>  | <b>296,126</b> | <b>2.10%</b> |

Table reflects data as of 6/11/2021

## E-TOU-C Transition

Peninsula Clean Energy residential customers currently on the flat-rate E-1 rate schedule will transition to the Time-of-use E-TOU-C rate schedule in September 2021. The TOU-C rate schedule has higher rates from 4-9 P.M. everyday and this transition will impact over 200,000 PCE customers. As a reminder impacted customers have started to receive their first 90-day notifications regarding the upcoming transition. The 90-day notices include information about projected costs or savings customers can expect on the new TOU-C rate based on their historical household energy usage and information about how customers can proactively choose a different rate if they don't want to transition to TOU-C. Additional reminder notices will go out 30 days prior to transition to customers who have not yet made an affirmative choice. PG&E and Peninsula Clean Energy will be providing Bill protection for customers participating in the TOU-C transition for the first 12-months of the program.

## **STRATEGIC PLAN:**

This section describes how the above Marketing and Community Care activities and enrollment statistics relate to the overall goal and objectives laid out in the strategic plan. The table indicates which objectives and particular Key Tactics are supported by each of the Items/Projects discussed in this memo. The strategic goal for Marketing and Customer Care is: Develop a strong brand reputation that drives participation in Peninsula Clean Energy's programs and ensures customer satisfaction and retention.

| <b>Item/Project</b> | <b>Objective A:</b><br>Elevate Peninsula Clean Energy's brand reputation as a trusted leader in | <b>Objective B:</b><br>Educate and engage stakeholders in order to gather | <b>Objective C:</b><br>Ensure high customer satisfaction and retention |
|---------------------|---|---|--|
|---------------------|---|---|--|

|  |   |   |  |
|--|---|---|--|
|  | the community and the industry  | input, inspire action and drive program participation   |  |
| Website Update                             | KT*3: Tell the story of Peninsula Clean Energy through diverse channels   | KT6: Promote programs and services, including community energy programs and premium energy services |  |
| HPWH Incentive                             |   | KT6 (see above)   |  |
| EV Awareness Campaign                      |   | KT6 (see above)   |  |
| E-Bikes for Everyone                       |   | KT6 (see above)   |  |
| Power on Peninsula Resilience Program      |   | KT6 (see above)   |  |
| Building Electrification Awareness Program |   | KT6 (see above)   |  |
| News and Media Announcements               | KT1: Position leadership as experts on CCAs and the industry<br>KT2: Cultivate relationships with industry media and influencers<br>KT3 (see above) |   |  |
| ECO100 and Enrollment Statistics           |   |   | Reports on main objective C  |
| Earth Day                                  | KT3 (see above)   |   |  |
| Market Research                            |   |   | KT1: Assess needs and attitudes of all customer segments to support the development of and communication about programs and services |

\* "KT" refers to Key Tactic

**PENINSULA CLEAN ENERGY AUTHORITY  
Board Correspondence**

**DATE:** June 14, 2021  
**BOARD MEETING DATE:** June 24, 2021  
**SPECIAL NOTICE/HEARING:** None  
**VOTE REQUIRED:** None

**TO:** Honorable Peninsula Clean Energy Authority (PCE) Board of Directors

**FROM:** Jeremy Waen, Director of Regulatory Policy  
Doug Karpa, Senior Regulatory Analyst  
Matthew Rutherford, Regulatory Analyst

**SUBJECT:** Update on PCE's May and June Regulatory Policy Activities

**SUMMARY:**

Over the last month the Regulatory Policy team continues to be quite busy. Jeremy has focused his time on navigating the aftermath of the recently issued PCIA decision on Working Group 3 matters and coordinating with CalCCA on its response to the recently issued proposed decision on Direct Access expansion. Doug has continued his work in supporting PCE's procurement efforts through continuing his engagement in the Commission's resource planning, grid reliability, and summer peak demand readiness proceedings, as well as new engagement with the California Energy Commission on load management issues, including proposals for time variant rates. Matthew has continued his work in supporting PCE's programmatic efforts through Transportation Electrification and DAC-Green Tariff matters.

**DEEPER DIVE:**

**Power Charge Indifference Adjustment (PCIA)**

On April 5, 2021, the CPUC released a proposed decision addressing both cap and portfolio optimization issues. The initial draft of the Proposed Decision was found to be problematic for numerous reasons detailed in the board memo from last month. CalCCA and PCE engaged in ex parte meetings with most of the CPUC Commissioners to address the inequities of the PCIA. CalCCA and PCE filed both opening and reply comments on the Proposed Decision as well. The Commission invoked a Ratesetting Deliberative Meeting on May 12, 2021, which barred further ex parte meetings while the Commissions considered possible revisions to the Proposed Decision ahead of the May 20, 2021 voting meeting.

The Commission formally approved a revised version of the Decision during that May 20, 2021, voting meeting. The most significant revisions from the initial draft were: 1) the change of the RPS energy voluntary allocation from only allocating what was in excess beyond the IOUs' bundled customers' needs to "a 'slice' of an IOU's entire PCIA-eligible RPS portfolio" over either a short-term or long-term basis, 2) the ability for Load-Serving Entities' to voluntarily sell such

allocations (the initial Proposed Decision prohibited such actions), and 3) requiring the IOUs to issue two “Request for Information for Contract Assignments and Contract Modifications in the Renewables Portfolio Standard proceeding in 2021 and 2022” (rather than one). The largest disappointments with this Decision stem from 1) the lack of a mechanism to allocate RA products within the IOUs’ PCIA portfolios and 2) the Commission’s continued delay of reflecting the market value of GHG-free energy within the PCIA benchmark methodology.

The PCIA rulemaking R.17-06-026 remains open to consider additional matters such as the GHG-free benchmark and refinements to the IOUs’ Energy Resource Recovery Account (ERRA) Forecast and Compliance proceedings. Jeremy will remain closely engaged in this proceeding and the related ERRA cases to defend PCE’s interests.

(Public Policy Objective A, Key Tactic 1)

### **Direct Access (DA) Expansion Under Senate Bill (SB) 237**

On May 14, 2021, the CPUC released a proposed decision addressing the outstanding question within the ongoing DA proceeding instituted by SB 237 to explore whether the cap on customer participation within DA offerings should be further expanded. The Proposed Decision rightfully concludes that further expansion of DA should not occur because doing so would risk violating at least two of the four criteria outlined within the directing statute. The Proposed decision concludes expanding DA would threaten both 1) maintaining consistency with the State’s greenhouse gas emissions reduction goals, and 2) ensuring electric system reliability. CalCCA prepared opening comments on June 3, 2021, in support of the Proposed Decision. The soonest the Commission can act on this Proposed Decision would be during its June 24, 2021, voting meeting.

(Public Policy Objective A, Key Tactic 1)

### **DAC-GT/CSGT Programs**

On April 15, 2021, the CPUC adopted a Final Resolution which approved the Disadvantaged Community Green Tariff (DAC-GT) and Community Solar Green Tariff (CSGT) program implementation proposals individually filed by Peninsula Clean Energy, Marin Clean Energy, San Jose Clean Energy, CleanPowerSF, and East Bay Clean Energy (the Joint CCAs). The Final Resolution adopted the recommended changes that the Joint CCAs supplied in their comments on the Draft Resolution to provide greater certainty as these programs move into the implementation phase. As part of the Final Resolution, the Joint CCAs will each have to file two Advice Letters on June 14, 2021. The first Advice Letter will incorporate adjustments to the individual CCA budgets to capture certain programmatic costs as required by the Commission. The second Advice Letter will include the solicitation documents the CCAs have drafted to procure permanent resources to serve the DAC-GT and CSGT programs. On June 9 and 14, 2021 PCE submitted these two Advice Letters seeking Commission review and approval.

PCE marketing, procurement, program, regulatory, finance, and customer care staff continue to meet to develop and prepare internal processes to launch the program once our updated budget is approved. PCE and the Joint CCAs have also been meeting with their billing providers and PG&E to establish the billing system programming and processes necessary to run these programs.

(Public Policy Objective A, Key Tactic 1, Key Tactic 2 and Key Tactic 3)

## **Transportation and Electrification**

Matthew continues to lead PCE's policy advocacy to support PCE's programmatic objectives to enable electrification. Activity in the Commission's Transportation Electrification Framework (TEF) proceeding has continued to center around addressing IOU directives issued through Commission decisions on issues related to the deployment of EV supply equipment technology and Vehicle to Grid Integration (VGI). The TEF had previously focused on the development of statewide EV and EVSE programmatic efforts under the purview of the Commission where PCE and the other CCAs engaged in the proceeding had continually advocated for CCAs to be permitted to serve as program administrators with access to the same funding resources as the IOUs to ensure more equitable and cost-effective use of those resources towards meeting California's EV goals.

The Commission recently issued a proposed decision on June 1, 2021, addressing the process to consider near-term IOU program refinements and pilots while the Commission continues to implement its TEF. The Joint CCAs (now inclusive of PCE under a newly structure Joint Representation Agreement with Keyes and Fox) are preparing comments due on June 21, 2021, to address certain concerns within this Proposed Decision. We continue to await the Commission's issuance of a proposed decision resolving the matters of whether CCAs can serve as Program Administrators (PAs) under the TEF.

The Proposed Decision is meant to create pathways for IOUs to make near-term investments in priority areas to address California's transportation electrification goals while the TEF is finalized in a parallel track which would then allow PAs to design their own Transportation Electrification Plans for CPUC review. These near-term priority investment areas include: 1) TE resiliency, 2) customers without access to home charging, 3) medium- and heavy-duty vehicle electrification, 4) charging access in new building construction, and 5) Level 2 EVSE and panel upgrades for low-income customers in underserved communities. The Proposed Decision also creates streamlined pathways for IOUs to seek approval of programs that are designed to address these priority areas.

(Public Policy Objective A, Key Tactic 1, Key Tactic 2 and Key Tactic 3)

## **Integrated Resource Planning & Resource Adequacy**

Doug Karpa continues to lead PCE's engagement in the Commission's Integrated Resource Plan (IRP) and Resource Adequacy (RA) efforts on several fronts. Doug has been and will continue to be quite busy over the next month in these subject areas as the Commission just issued three relating Proposed Decisions:

1) On May 21, 2021, the Commission issued a proposed decision and an alternate increasing the statewide system RA procurement order to 11,500 MW over the period 2023-26, a more than 50% increase on the capacity envisioned in the February 28, 2021 ruling. Both Proposed Decisions also include a new mandate to expand fossil gas capacity by between 500 MW and 1,500 MW, raising potential concerns for PCE. (Other IRP-related Proposed Decisions addressing the Integrated Resources Plans submitted September 1, 2020 and a cost-allocation methodology for backstop procurement remain outstanding).

2) The Commission on May 21, 2021, issued a Proposed Decision Adopting Local Capacity Obligations for 2022-2024, Flexible Capacity Obligations for 2022, and Refinements to the

Resource Adequacy Program within the ongoing RA proceeding. On June 10, 2021, CalCCA submitted comments addressing its concerns with various aspects of this Proposed Decision. CalCCA is preparing to file reply comments as well on June 15, 2021.

3) The Commission on June 10, 2021, issued a Proposed Decision on Track 3b longer-term structural reform proposals also within the ongoing RA proceeding. This decision rejects the CalCCA-SCE proposal in favor of a proposal from PG&E to institute multiple RA requirements for each “slice of day.” CalCCA and PCE are presently conferring over how best to engage on this Proposed Decision. Comments on the Proposed Decision are due June 30, 2021 and reply comments are due July 6, 2021.

(Public Policy Objective A, Key Tactic 1 and Key Tactic 3 & Public Policy Objective C, Key Tactic 3)

### **Provider of Last Resort**

On March 18, 2021, the CPUC launched a new proceeding to take up procedures and mechanisms for “providers of last resort” (POLR) as required by SB 520 (Herzberg 2019). Doug Karpa is serving as PCE’s staff lead and has been actively involved in informing CalCCA’s initial comments and replies on a series of questions issued by the CPUC in the March 18, 2021 Order Instituting Rulemaking. This case is just getting started with the prehearing conference recently convened on June 11, 2021.

(Public Policy Objective A, Key Tactic 1)

### **Stakeholder Outreach**

Doug Karpa continues to host the regular bi-weekly call with staff from CCAs and environmental and environmental justice stakeholders, including a May 26, 2021 call to discuss the recent proposed procurement order in IRP.

(Public Policy Objective A, Key Tactic 2)

### **FISCAL IMPACT:**

Not applicable.



**PENINSULA CLEAN ENERGY AUTHORITY**  
**Board Correspondence**

**DATE:** June 10, 2021  
**BOARD MEETING DATE:** June 24, 2021  
**SPECIAL NOTICE/HEARING:** None  
**VOTE REQUIRED:** None

**TO:** Honorable Peninsula Clean Energy Authority (PCE) Board of Directors  
**FROM:** Marc Hershman, Director of Government Affairs  
**SUBJECT:** Update on PCE's May and June Legislative Activities

**SACRAMENTO SUMMARY:**

June 4 was the deadline for Senate bills to clear the Senate and Assembly legislation to pass out of that house. Bills that made it out of their house of origin are now referred to the other legislative body for consideration.

PCE has sent letters in support of 3 bills that were passed out of their respective house of origin: **AB 843, SB 68, and SB 612**. Each is discussed in greater detail below.

The Governor's revised budget, released in May, was countered on June 1 by a joint proposal from Senate and Assembly leaders. The Budget Committees of both houses approved the Legislative budget bill on June 2. The Governor's proposal and Legislative proposal are similar in size, but they vary in priorities. Those differences need to be ironed out and then must pass both houses of the Legislature and be placed before the Governor no later than midnight on June 15.

It is likely that not all the budget issues will be resolved this month and there will be additional budget bills later in the 2021 legislative session.

## **LEGISLATIVE ADVOCACY AND OUTREACH:**

### **CalCCA Legislative Committee and Board Activity**

**SB 612 (Portantino) PCIA Reform**, CalCCA's priority bill for this legislative session, provides fair and equal access to the benefits of legacy resource products for IOU, CCA and Direct Access customers.

**SB 612** was passed off the floor of the Senate by an overwhelming and bi-partisan vote of 33-6 despite opposition from PG&E, SCE, TURN and the Coalition of Utility Employees. The bill was referred to the Assembly Committee on Utilities and Energy, where it faces a decidedly difficult hurdle. One of the committee members represents PCE's service area, Asm. Phil Ting, who is a co-author of the bill. There are only two other Assemblymembers on this committee from the Bay Area, Asm. Bauer-Kahan (a co-author of the bill) and Asm. Quirk (D-Hayward). SB 612 has been assigned a June 30 hearing date.

**SB 68** authored by Sen. Josh Becker passed the Senate by a vote of 35-1. The bill requires the CEC to develop guidelines for electrification of buildings and report on electrification barriers including adding energy storage or EV charging equipment to existing buildings. It authorizes the CEC to allocate EPIC funds towards reducing costs of building electrification.

Senator Becker has asked Jan Pepper to be a lead witness when this measure is considered on June 30 in the Assembly Committee on Utilities and Energy.

**AB 843 (Aguilar-Curry)** would enable CCAs to access existing state programs that provide funding for renewable bioenergy electricity projects, including biomass and biogas. Under current law the Investor-Owned Utilities can access these funds, but the CCAs were not included when the program was established back in 2012. PCE and CalCCA are supporting this bill, which passed the Assembly on a 78-0 vote.

(Public Policy Objective B, Key Tactic 1)

### **Legislation PCE has been tracking:**

**AB 427 (Bauer-Kahan)** would require the CPUC to establish rules that allow demand response programs procured by a load-serving entity (LSE) to meet the LSE's resource adequacy requirements regardless of whether the program is integrated into the wholesale market overseen by the California Independent System Operators (CAISO). This bill did not make it out of the Assembly Committee on Appropriations.

**AB 525 (Chiu)** establishes aggressive offshore wind planning goals and makes other changes to accelerate the development of offshore wind. **AB 525** passed the floor of the Assembly with a vote of 71-1 and is scheduled to be heard in the Assembly Committee on Utilities and Energy on June 16.

**AB 1139 (L. Gonzalez)** makes reforms to the state's Net Energy Metering program. This legislation failed to reach the 41 votes necessary to pass the Assembly.

**SB 617 (Wiener)** is a bill sponsored by SPUR and Environment CA establish instant online permitting for simple solar and solar-plus-storage systems and virtual inspections of completed installations. **SB 617** passed the Senate Energy, Utilities and Communications Committee 12-0, but it died in the Senate Committee on Appropriations. PCE solicited input from its member jurisdictions on this bill. After listening to members' concerns PCE did not support this legislation.

**SB 771 (Becker)** would provide a state-only (not local) sales tax exemption for income-qualified participants who replace an older vehicle through the Clean Cars 4 All program with a low- or zero-emission vehicle. SB 771 was voted off the floor of the Senate 34-4 and is headed to the Assembly.

(Public Policy Objective B, Key Tactic 1)



**PENINSULA CLEAN ENERGY**  
**JPA Board Correspondence**

**DATE:** June 10, 2021  
**BOARD MEETING DATE:** June 24, 2021  
**SPECIAL NOTICE/HEARING:** None  
**VOTE REQUIRED:** None

**TO:** Honorable Peninsula Clean Energy Authority Board of Directors

**FROM:** Jan Pepper, Chief Executive Officer, Peninsula Clean Energy  
Rafael Reyes, Director of Energy Programs

**SUBJECT:** Community Programs Report

**SUMMARY**

The following programs are in progress, and detailed information is provided below:

1. Building and EV Reach Codes
2. Existing Buildings
  - 2.1. Appliance Rebates
  - 2.2. Low-Income Home Upgrades & Electrification
  - 2.3. Building Pilots
3. Distributed Resources
  - 3.1. Local Government DER Project Development
  - 3.2. Power On Peninsula – Homeowner
4. Transportation
  - 4.1. “EV Ready” Charging Incentive Program
  - 4.2. Used EV Rebate Program
  - 4.3. EV Ride & Drives/Virtual Engagement
  - 4.4. E-Bikes for Everyone Rebate Program
  - 4.5. Municipal Fleets Program
  - 4.6. Transportation Pilots

## **DETAIL**

### **1. Building and EV Reach Codes**

**Background:** In 2018 the Board approved a building “reach code” initiative to support local governments in adopting enhancements to the building code for low-carbon and EV ready buildings. The initiative is a joint project with Silicon Valley Clean Energy (SVCE). The program includes small grants to municipalities, technical assistance, and tools, including model codes developed with significant community input. The tools and model code language are available on the project website ([www.PeninsulaReachCodes.org](http://www.PeninsulaReachCodes.org)).

In addition, in January 2020 the Board approved an extension of the reach code technical assistance plus additional elements – Education and training for developers and contractors, and consumer education program on the benefits of all-electric buildings. This technical assistance is now publicly available at [www.AllElectricDesign.org](http://www.AllElectricDesign.org). Lastly in December 2020, the Board approved the draft contract amendment with TRC Engineers to extend the scope to include technical assistance for developing policy language for existing buildings.

#### **Status:**

- **Reach Codes:** In PCE territory, Burlingame, Brisbane, Colma, Daly City, E. Palo Alto, Menlo Park, Millbrae, Pacifica, Redwood City, San Carlos, San Mateo, San Mateo County, and South San Francisco have adopted reach codes. A number of additional agencies are in progress including Atherton, Belmont, Portola Valley, and San Bruno. Across San Mateo and Santa Clara Counties, 24 agencies have adopted some kind of all-electric reach code.
- **Developer and Contractor trainings:** Completed three developer round tables and two contractor trainings. Fourth developer round table is being planned for July 2021 and the topic includes heat pump HVAC systems for high-rise buildings.
- **Technical Assistance:** We have had 37 unique technical assistance requests from private and affordable housing developers, including 16 in 2021, of which 22 have been resolved.
- **Existing Building policy development with Menlo Park:** A policy and financing literature review and analysis of existing building electrification and multifamily EV charging was completed. The technical consultant, TRC, is currently developing cost-effectiveness studies for multiple building prototypes. A menu of policy options will be presented and Menlo Park’s public engagement process reviewing the options is set begin in July 2021.

#### **Strategic Plan:**

Goal 3 – Community Energy Programs, Objective A:

- Key Tactic 3: Ensure nearly all new construction is all-electric and EV ready
- Key Tactic 4: Establish preference for all-electric building design and appliance replacement among consumers and building stakeholders

### **2. Buildings Programs**

## 2.1. Appliance Rebates

**Background:** In May 2020, the Board approved a 4-year, \$6.1 million for electrifying existing buildings. This included \$2.8 million for implementing an appliance rebate program. PCE successfully launched the heat pump water heater rebates on January 01, 2021 for San Mateo residents. PCE rebates are offered in partnership with BayREN's Home+ program. BayREN offers a rebate of \$1,000 and PCE offers an additional rebate of \$1,500 for methane gas to HPWH or \$500 for electric resistance to HPWH. PCE also offers a bonus rebate for low-income customers (CARE/FERA participants) of \$1,000 and \$1,500 for electrical panel updates of up to 100 Amp and \$750 for up to 200 Amp that might be needed to accommodate the HPWH.

**Status:** The heat pump water heater (HPWH) rebate program was launched on January 01, 2021 and we have received 30 applications to date. Currently five San Mateo County contractors and 16 contractors outside the county are enrolled in the program. PCE has been promoting the incentive through digital ads, email outreach and other channels.

### Strategic Plan:

Goal 3 – Community Energy Programs, Objective A:

- Key Tactic 4: Establish preference for all-electric building design and appliance replacement among consumers and building stakeholders

## 2.2. Low-Income Home Upgrades and Electrification:

**Background:** In May 2020, The Board approved \$2 million for implementing a turn-key low-income home upgrade program. The measures implemented through the program will vary depending on each home's needs but will include at least one electrification measure such as installing a HPWH or replacing a gas furnace with electric.

**Status:** The contract with the administration and implementation firm, Richard Heath & Associates (RHA), has been executed after being approved by the Board in the March 2021 meeting. The program is now in the design phase and a public launch is anticipated for September/October 2021.

### Strategic Plan:

Goal 3 – Community Energy Programs, Objective B:

- Key Tactic 1: Invest in programs that benefit underserved communities
- Key Tactic 3: Support workforce development programs in the County

## 2.3. Building Pilots:

**Background:** In May 2020, The Board approved \$300,000 for piloting a new innovative technology from Harvest Thermal Inc., a Bay Area-based startup, that combines residential space and water heating into a unified heat pump electric system with a single

water storage tank. Through this project, this technology will be installed in 5 homes within the San Mateo County to assess its performance and demonstrate its effectiveness for emission reductions.

**Status:** The home recruitment process began in late April and the project received 290 applications. Homes are being selected based on technical criteria (home characteristics, energy usage patterns, and technical feasible of the upgrade within budget). The 5 participation homes are expected to be selected by the end of July, with the installation of the systems taking place in Q4 2021. Additionally, staff has selected a third-party firm to provide measurement & verification services for the project through a competitive process. The contract with this firm is under development.

**Strategic Plan:**

Goal 3 – Community Energy Programs, Objective C:

- Key Tactic 1: Identify, pilot, and develop innovative solutions for decarbonization

### **3. Distributed Energy Programs**

Peninsula Clean Energy has Board-approved strategies for the promotion of 20 MW of new distributed energy resources in San Mateo County and a three-year, \$10 million strategy to deploy local electricity resiliency programs in San Mateo County. The projects described below are efforts towards meeting both of these goals.

#### **3.1. Local Government DER Project Development**

**Background:** In October 2020, the Board approved a DER Site Evaluation Services contract with McCalmont Engineering for DER site evaluation and designs for County and municipal facilities identified as candidates for solar-only non-resilience or solar + storage resilience projects.

**Status:** We have completed site visits and DER designs for the following sites:

- Fair Oaks Community Center, Redwood City
- San Carlos Youth Center, San Carlos
- Mission Blue Center, Brisbane
- Public Works Yard, Hillsborough
- Chetcuti Building and Surrounding Complex, Millbrae
- Colma Community Center, Colma
- City Hall and Police Station, Belmont
- Police Station, Mateo
- Half Moon Bay Library
- Pacifica Community Center
- San Mateo County Events Center
- San Mateo County Youth Services/Camp Kemp/Fire Station
- San Mateo Election Building

- San Mateo County Health Services Administration Building

Our estimates are that between 2.9 and 6.8 MW (DC) of solar generation could be deployed in aggregate at these sites.

Preliminary evaluations have been done of the following sites for larger in-front-of-the-meter (FTM) projects:

- Half Moon Bay Airport
- San Carlos Airport
- Pescadero Landfill

We believe a larger (>1MW) solar project is possible at Half Moon Bay Airport and will be exploring with the County its interest in participating in such a project.

We are exploring a joint procurement and novel contracting mechanism as part of our overall strategic initiatives with DERs through which customers could receive DER benefits and savings with no up-front costs and where Peninsula Clean Energy would manage procurement, operations, performance, and maintenance. We expect to seek commitments from participating local governments in Q3/Q4 2021 to engage in the procurement.

### 3.2. Power On Peninsula – Homeowner

**Background:** Power on Peninsula – Homeowner is a solar+storage energy resiliency program run by Peninsula Clean Energy in partnership with Sunrun and TerraVerde Energy. This program provides energy storage systems paired with solar power to single family and multifamily Peninsula Clean Energy customers. Customers who sign up for this program receive an incentive up to \$1,250. At Peninsula Clean Energy's direction, Sunrun will dispatch the stored energy during evening hours when renewable generation on the California grid is low. This will also help Peninsula Clean Energy to reduce its peak load and thereby reduce our resource adequacy requirements.

**Status:** In May, Sunrun and Peninsula Clean Energy staff continued to implement the Co-Marketing Plan with social media, email, and retail marketing. Staff included the program in our energy programs bulletin, launched a Nextdoor post, and continued its rollout to Home Depot stores in Peninsula Clean Energy service territory. We are expecting significant program uptake throughout the summer months.

**Strategic Plan:** The activities and programs described in the DER and Energy Resilience activities support the following objectives and key tactics in Peninsula Clean Energy's strategic plan:

- Power Resources Goal 1: Secure sufficient, low-cost, clean sources of electricity that achieve Peninsula Clean Energy's priorities while ensuring reliability and meeting regulatory mandates



- Objective C Local Power Sources: Create a minimum of 20 MW of new power sources in San Mateo County by 2025
  - Key tactic 2: Implement Board-approved strategy to increase community resilience.
  - Key tactic 3: Work with local government partners to identify and catalog opportunities for distributed energy resources across San Mateo County.

## 4. Transportation Programs

### 4.1. Used EV Rebate Program

**Background:** Launched in March 2019, the Used EV Rebate Program (formerly referred to as “DriveForward Electric”) provides an incentive up to \$4,000 for the purchase of used plug-in hybrid electric vehicles (PHEVs) and full battery electric vehicles (BEVs) to income-qualified San Mateo County residents (those making 400% of the Federal Poverty Level or less). The incentives may be combined with other state-funded income-qualified EV incentive programs. In October 2020, the Board approved expanding the program to offer used EV incentives to all San Mateo County residents, while maintaining the increased incentives for income-qualified residents. In February 2021, the Board a contract with GRID Alternatives (“GRID”) to administer the expanded program.

**Status:** The current income-qualified program is under continuous operation and as of June 10, 2021, has provided rebates to 100 residents. Staff is working with GRID on refining the current program including updating eligibility and procedural requirements and setting up of a dealership network whereby PCE could offer its incentive to customers at point of sale. Staff anticipates launching the expanded program in July 2021.

#### Strategic Plan:

Goal 3 – Community Energy Programs, Objective A:

- Key Tactic 1: Drive personal electrified transportation towards majority adoption

Goal 3 – Community Energy Programs, Objective B:

- Key Tactic 1: Invest in programs that benefit underserved communities

### 4.2. “EV Ready” Charging Incentive Program

**Background:** In December 2018 the Board approved \$16 million over four years for EV charging infrastructure incentives (\$12 million), technical assistance (\$2 million), workforce development (\$1 million), and administrative costs (\$1 million). Subsequent to authorization of funding, PCE successfully applied to the California Energy Commission (CEC) for the CEC to invest an additional \$12 million in San Mateo County for EV charging infrastructure. Of PCE’s \$12 million in incentives, \$8 million will be administered under the CEC’s California Electric Vehicle Incentive Project (CALeVIP) and \$4 million under a dedicated, complementary PCE incentive fund. The dedicated PCE incentives will address Level 1 charging, assigned parking in multi-family dwellings, affordable housing new construction, public agency new construction, and charging for resiliency purposes.

**Status:** PCE's technical assistance and outreach is ongoing. In total 80 different locations are in the technical assistance process requesting over 775 charging ports.

PCE's dedicated incentive program of \$4 million has received four applications for funding for a total of 165 ports. Three applications were approved totaling 161 ports and \$333,000.

CALeVIP is processing Year-1 applications and PCE staff anticipate 834 L2 ports and 326 DCFC ports to be funded for a total of \$16M (\$12M in DCFC funds and \$4M in L2 funds). Year 2 and Year 3 funding application review has not started. PCE contacted all CALeVIP applicants in San Mateo to offer technical assistance and facilitate project success.

#### **Strategic Plan:**

Goal 3 – Community Energy Programs, Objective A:

- Key Tactic 1: Drive personal electrified transportation to majority adoption
- Key Tactic 5: Support local government initiatives to advance decarbonization

Goal 3 – Community Energy Programs, Objective B:

- Key Tactic 3: Support workforce development programs in the County

### **4.3. EV Ride & Drives / Virtual Engagement**

**Background:** In February 2019, the Board approved continuation of the EV Ride & Drive program over three years (2019-2021) following a 2018 pilot. It provides for community and corporate events in which community members can test drive a range of EVs. The program generated 19 events and 3,033 experiences since inception in 2018. Event surveys indicate that the ride and drive was the first EV experience for 64% of participants and 87% report an improved opinion of EVs. Trailing surveys 6 months or more after events have yielded a 33% response rate and 17% of respondents indicate they acquired an EV after the event. Due to the COVID-19 pandemic, ride & drive events have been paused. As a result, staff developed a suite of virtual EV engagement pilot programs that replaced the in-person ride & drive events. Staff evaluated these pilots in January 2021 and phased out some due to low uptake and to prioritize limited funding for the most successful programs – Virtual EV Forums & EV Rental Rebate.

**Status:** The Virtual EV Forums in partnership with large San Mateo County employers will continue through the end of FY20-21. To date, 3 EV Forums have been held and 1 more is scheduled for 6/24/21. The EV Rental Rebate, which offers a rebate up to \$200 on the rental of an EV and as of June 10, 2021 has issued 79 rebates, has seen good uptake and shown positive impact in participant's opinions of EVs and likeliness to get an EV as their next vehicle. As a result, most of the FY21-22 EV Ride & Drive/Engagement budget will be dedicated to the EV Rental Rebate, until ride & drive events become feasible again.

#### **Strategic Plan:**

Goal 3 – Community Energy Programs, Objective A:

- Key Tactic 1: Drive personal electrified transportation towards majority adoption

#### 4.4. E-Bikes for Everyone Rebate Program

**Background:** The Board approved the E-Bikes Rebate program in July 2020. This program has a total budget of \$300,000, originally intended for three years, to provide approximately 300 rebates of up to \$800 to residents with low to moderate incomes over the course of the program. Silicon Valley Bicycle Coalition is under contract to PCE as an outreach and promotional partner and local bike shops are under contract to provide the rebate as a point-of-sale discount to customers. Enrolled bike shops include Summit Bicycles, Mike's Bikes, Sports Basement, and RidePanda (as an online retail partner).

**Status:** The program launched in May and sold out within a week. Staff are preparing to return to the Board with a proposal for additional funding.

#### Strategic Plan:

Goal 3 – Community Energy Programs, Objective A:

- Key Tactic 1: Drive personal electrified transportation to majority adoption

Goal 3 – Community Energy Programs, Objective B:

- Key Tactic 1: Invest in programs that benefit underserved communities

#### 4.5. Municipal Fleet Program

**Background:** The Board approved the Municipal Fleet Program in November 2020. This program will run for three years with a total budget of \$900,000 and is comprised of three components to help local agencies begin their fleet electrification efforts: hands-on technical assistance and resources, gap funding, and a vehicle to building resiliency demonstration that will assess the costs and benefits of utilizing fleet EVs as backup power resources for agencies in grid failures and other emergencies.

**Status:** The program is under development. An RFP is under development will be released in Q3 to hire a consulting team to work with PCE on providing detailed technical assistance to agencies, including project cost estimations and EV infrastructure designs.

#### Strategic Plan:

Goal 3 – Community Energy Programs, Objective A:

- Key Tactic 2: Bolster electrification of fleets and shared transportation
- Key Tactic 5: Support local government initiatives to advance decarbonization

Goal 3 – Community Energy Programs, Objective C:

- Key Tactic 1: Identify, pilot, and develop innovative solutions for decarbonization

## 4.6. Transportation Pilots

### ***Ride-Hail Electrification Pilot***

**Background:** This pilot, approved by the Board in March 2020, is PCE's first program for the electrification of new mobility options. The project partners with Lyft and FlexDrive, its rental-car partner, to test strategies that encourage the adoption of all-electric vehicles in ride-hailing applications.

**Status:** The pilot formally kicked off in December 2020 and PCE staff are coordinating with Lyft on development. Vehicles are anticipated to start becoming available in Q3 2021. Supply chain issues are currently slowing new vehicle orders.

### ***MUD Low-Power EV Charging Pilot***

**Background:** This project was initially approved by the Board in 2018. This pilot program has completed a needs assessment among various multi-unit dwelling (MUD) ownership types as well as a review of various low-power charging technology solutions. 13 Plugzio devices (smart outlets) have been installed at 3 MUDs in Millbrae and Foster City. A cost-efficiency analysis found that the project saved nearly \$180,000 in costs at one MUD alone, compared to the cost of traditional Level 2 charging (40 amps of power to each station), which would have triggered the need for significant upgrades. Installing L2 instead of L1 would have been over 4X more expensive in these cases. Lessons learned from this pilot are already informing inclusion of low-power charging solutions in PCE's EV Ready Program.

**Status:** A final report is being developed now.

### ***EV Managed Charging Pilot***

**Background:** PCE contracted with startup FlexCharging to test managed charging through vehicle-based telematics. The system utilizes existing Connected Car Apps and allows PCE to manage EV charging via algorithms as a non-hardware-based approach to shift more charging to occur during off-peak hours. The proof-of-concept test ran during the first half of 2020 and was a successful demonstration.

**Status:** Staff is now developing the approach for Phase 2. PCE is collaborating with an academic team from the University of California, Davis' Davis Energy Economics Program (DEEP) to develop an incentive structure experiment that will be used to inform PCE's Managed Charging Program design.

### ***Curbside Charging Pilot***

**Background:** Curbside charging has the potential benefit of bringing new charging solutions to drivers that lack residential charging (e.g. MUDs, renters, etc.). This pilot is assessing the cost effectiveness of curbside charging in various scenarios, including

streetlight-mounted stations, scaling potential, and potential technical and policy barriers that need to be addressed prior to installation. If the assessment phase shows curbside charging to be viable, PCE will facilitate pilot installations in 1-2 cities in the second phase.

**Status:** Arup is finalizing its technical and policy analyses now and PCE is collaborating with PG&E on policy considerations. The team began these assessments in December 2020, which will last through the first half of 2021.

### **Strategic Plan:**

#### Goal 3 – Community Energy Programs

- Implement robust energy programs that reduce greenhouse gas emissions, align energy supply and demand, and provide benefits to community stakeholder groups

#### Goal 3 – Community Energy Programs, Objective A:

- Key Tactic 1: Drive personal electrified transportation to majority adoption
- Key Tactic 2: Bolster electrification of fleets and shared transportation
- Key Tactic 5: Support local government initiatives to advance decarbonization

#### Goal 3 – Community Energy Programs, Objective B:

- Key Tactic 1: Invest in programs that benefit underserved communities

#### Goal 3 – Community Energy Programs, Objective C:

- Key Tactic 1: Identify, pilot, and develop innovative solutions for decarbonization

**PENINSULA CLEAN ENERGY  
JPA Board Correspondence**

**DATE:** June 11, 2021  
**BOARD MEETING DATE:** June 24, 2021  
**SPECIAL NOTICE/HEARING:** None  
**VOTE REQUIRED:** None

**TO:** Honorable Peninsula Clean Energy Authority Board of Directors

**FROM:** Jan Pepper, Chief Executive Officer

**SUBJECT:** Energy Supply Procurement Report – June 2021

**BACKGROUND:**

This memo summarizes energy procurement agreements entered into by the Chief Executive Officer since the last regular Board meeting in May. This summary is provided to the Board for information purposes only.

**DISCUSSION:**

| <b>Execution Month</b> | <b>Purpose</b>                | <b>Counterparty</b>               | <b>Term</b> |
|------------------------|-------------------------------|-----------------------------------|-------------|
| May                    | Purchase of Resource Adequacy | SEMPRA GAS & POWER MARKETING, LLC | 10 months   |
| May                    | Purchase of Resource Adequacy | SEMPRA GAS & POWER MARKETING, LLC | 10 months   |
|                        |                               |                                   |             |
|                        |                               |                                   |             |
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|                        |                               |                                   |             |

In January 2020, the Board approved the following Policy Number 15 – Energy Supply Procurement Authority.

**Policy:** “Energy Procurement” shall mean all contracting for energy and energy-related products for PCE, including but not limited to products related to electricity, capacity, energy efficiency, distributed energy resources, demand response, and storage. In Energy Procurement, Peninsula Clean Energy Authority will procure according to the following guidelines:

**1) Short-Term Agreements:**

- a. Chief Executive Officer has authority to approve Energy Procurement contracts with terms of twelve (12) months or less, in addition to contracts for Resource Adequacy that meet the specifications in section (b) and in Table 1 below.
- b. Chief Executive Officer has authority to approve Energy Procurement contracts for Resource Adequacy that meet PCE’s three (3) year forward capacity obligations measured in MW, which are set annually by the California Public Utilities Commission and the California Independent System Operator for compliance requirements.

Table 1:

| Product                    | Year-Ahead Compliance Obligation  | Term Limit      |
|----------------------------|---|-----------------|
| Local Resource Adequacy    | In years 1 & 2, must demonstrate capacity to meet 100% of monthly local obligation for years 1 and 2 and 50% of monthly local obligation for year 3 by October 31 <sup>st</sup> of the prior year | Up to 36 months |
| System Resource Adequacy   | In year 1, must demonstrate capacity to meet 90% of system obligation for summer months (May – September) by October 31 <sup>st</sup> of the prior year   | Up to 12 months |
| Flexible Resource Adequacy | In year 1, must demonstrate capacity to meet 90% of monthly flexible obligation by October 31 <sup>st</sup> of the prior year   | Up to 12 months |

- c. Chief Financial Officer has authority to approve any contract for Resource Adequacy with a term of twelve (12) months or less if the CEO is unavailable and with prior written approval from the CEO.
- d. The CEO shall report all such agreements to the PCE board monthly.

- 2) Medium-Term Agreements:** Chief Executive Officer, in consultation with the General Counsel, the Board Chair, and other members of the Board as CEO deems necessary, has the authority to approve Energy Procurement contracts with terms greater than twelve (12) months but not more than five (5) years, in addition to Resource Adequacy contracts as specified in Table 1 above. The CEO shall report all such agreements to the PCE board monthly.

- 3) **Intermediate and Long-Term Agreements:** Approval by the PCE Board is required before the CEO enters into Energy Procurement contracts with terms greater than five (5) years.
- 4) **Amendments to Agreements:** Chief Executive Officer, in consultation with the General Counsel and the Board Chair, or Board Vice Chair in the event that the Board Chair is unavailable, has authority to execute amendments to Energy Procurement contracts that were previously approved by the Board.

**STRATEGIC PLAN:**

The contracts executed in October support the Power Resources Objective A for Low Cost and Stable Power: Develop and implement power supply strategies to procure low-cost, reliable power.



# California Community Power

70 Garden Court, Suite 300, Monterey, CA 93940 | [cacommunitypower.org](https://cacommunitypower.org)

**TO:** CC Power Board of Directors

**DATE:** 6/16/21

**FROM:** Jim Shetler – Interim General Manager

**SUBJECT:** Report on CC Power Board of Directors Meeting – 6/16/21

The CC Power Board of Directors held a specially scheduled meeting on Wednesday, 6/16/21, via Zoom. Details on the Board packet, presentation materials, and public comment letters can be found under the Meetings tab at the CC Power website:

<https://cacommunitypower.org>

Highlights of the meeting included the following:

- Public Comment
  - One public comment was received regarding the status of the development of policies for CC Power and the need to ensure that these are finalized before any new projects are initiated by CC Power.
- Consent Calendar - The Board unanimously approved the following items:
  - Minutes of the 5/19/21 Regular Board Meeting
- *Ad Hoc* Committee Report – Selection of the next Interim General Manager  
The *ad hoc* Committee recommended that the Board approve selection of Tim Haines (Grid & Power Symmetry, LLC) as the next Interim General Manager of CC Power. After discussion, the Board unanimously approved the selection of Mr. Haines. Mr. Haines then expressed his appreciation for being selected by the Board, looks forward to the engagement with the members, and discussed his desire to work with the members on expanding the scope of projects for CC Power.
- Recognition of Outgoing Interim General Manager, Jim Shetler  
The Board considered and unanimously approved a resolution and plaque thanking outgoing Interim GM Jim Shetler for his contributions to the formation of CC Power JPA and the initial efforts in standing up the organization and managing the LDS project. Mr. Shetler thanked the Board for the recognition and the opportunity to serve the members. Mr. Shetler also provided some observations for future Board consideration, including development of delegations of authority to the General Manager/staff and development of CC Power policies in advance of initiating new projects.
- CC Power Budget Adjustment  
The Interim General Manager provided a request for adjustment to the 2021 CC Power Budget to cover two items:

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A Joint Powers Agency whose members are:

Central Coast Community Energy | CleanPowerSF | East Bay Community Energy | MCE | Peninsula Clean Energy |  
Redwood Coast Energy Authority | San José Clean Energy | Silicon Valley Clean Energy | Sonoma Clean Power |  
Valley Clean Energy

1. Adjustment to the General Manager services in the amount of \$5,000 to be allocated in June and July to cover the transition from Interim General Manager Jim Shetler to Interim General Manager Tim Haines
2. Adjustment of the LDS Project allocations to allow Valley Clean Energy (VCE) to participate at a capacity of 10 MW. This includes reimbursement for costs incurred during Phase 1 and covering its share of costs for the current Phase 2 of the project. This will not result in any overall budget increase but will result in a decrease in costs for the other LDS Project participants.

The requested budget adjustments were approved by the Board with VCE abstaining due to its request to be added to the LDS Project.

- Consideration of Amendment 1 to the LDS Project Phase 2 Cost Sharing Agreement  
Due to the request for VCE to join the LDS Project, the Phase 2 Cost Sharing Agreement requires amendment to add VCE as a participant, which requires Board approval. After a short discussion, the Board unanimously approved the amendment and authorized the Interim General Manager to execute the agreement with the participants.
- Interim General Manager's Report  
The Interim General Manager provided updates on:
  - Administrative Items
    - Status of Conflict-of-Interest Code review at the FPPC
    - Formal approval by the Secretary of States' Office of the CC Power JPA.
  - LDS Project Update
    - Provided an overview of the status of the shortlisting of the developers, the reassessment of the participant capacity needs, and the expectation that this will result in streamlining of the short-list.
    - Noted that initial discussions with the short-listed developers has commenced, the formal negotiations will commence shortly, that it is expected that final contracts will be available for posting in September, and that the last quarter of the year would be used for participant and CC Power approvals of the agreements. It was also noted that the CC Power budget will need to be amended to accommodate the approval process for the last quarter of 2021.
- Discussion on Individual Member Items – The Board held its usual discussion on member updates and possible items that CC Power should be considering for opportunities in the future. These discussions included the following:
  - Update by the members on actions they are initiating to support the grid in light of the expected heat wave that will impact CA this week.
  - Request by Directors Pepper and Hale that the Board address the issue of CC Power policies before any new projects are initiated.
  - Consideration of CC Power developing an RFQ on behalf of the members for long lead-time resources that would be needed to meet CPUC mandates.
  - Addressing possible procurement efforts for offshore wind and geothermal generation.

Based upon these discussions, the Board requested that the Project Oversight Committee evaluate options for developing an RFQ process for CC Power procurement of long lead-time generation resources, including geothermal, for consideration at the August Board meeting.

Staff is maintaining a list of future project proposals, which is attached. These will be factored into discussions for future projects.

Please feel free to contact me if you have any questions on this report.

## **List of Possible Future Projects for CC Power Consideration**

- Evaluating a central procurement role for that may be mandated, with costs collected from other LSEs, rather than being on the receiving end of charges from investor-owned utilities.
- Development of offshore wind projects.
- Small scale battery projects that could be strategically sited to support grid reliability needs.
- Financing authority for electrification programs
- Joint program for demand response
- Back-office support (e.g. – data management, customer services)
- Central administration of CPUC mandated programs
- Development of demand response programs for large scale agriculture pumping and HVAC loads
- Development of RFQ process for long lead time generation resources.

## COMMONLY USED ACRONYMS AND KEY TERMS

AB xx – Assembly Bill xx  
 ALJ – Administrative Law Judge  
 AMP- Arrears Management Plans  
 AQM – Air Quality Management  
 BAAQMD – Bay Area Air Quality Management District  
 CAC – Citizens Advisory Committee  
 CAISO – California Independent System Operator  
 CalCCA – California Community Choice Association  
 CAM – Cost Allocation Mechanism  
 CARB – California Air Resources Board, or California ARB  
 CARE- California Alternative Rates for Energy Program  
 CBA – California Balancing Authority  
 3CE- Central Coast Community Energy (Formerly Monterey Bay Community Power-MBCP)  
 CCA – Community Choice Aggregation (aka Community Choice Programs (CCP) or  
 CCE – Community Choice Energy (CCE)  
 CCP – Community Choice Programs  
 CEC – California Energy Commission  
 CPP- Critical Peak Pricing  
 CPSF – Clean Power San Francisco  
 CPUC – California Public Utility Commission (Regulator for state utilities)  
 CSGT - Community Solar Green Tariff  
 DA – Direct Access  
 DAC-GT - Disadvantaged Communities Green Tariff  
 DER – Distributed Energy Resources  
 DG – Distributed Generation  
 DR – Demand Response  
 DRP – Demand Response Provider  
 DRP/IDER – Distribution Resources Planning / Integrated Distributed Energy Resources  
 EBCE – East Bay Community Energy  
 ECOplus – PCE’s default electricity product, 50% renewable and 90% GHG-free (in 2019)  
 ECO100 – PCE’s 100% renewable energy product  
 EDR – Economic Development Rate  
 EE – Energy Efficiency  
 EEI – Edison Electric Institute; Standard contract to procure energy & RA  
 EIR – Environmental Impact Report  
 ELCC – Effective Load Carrying Capability  
 ESP – Electric Service Provider  
 ESS – Energy Storage Systems  
 ERRA – Energy Resource Recovery Account  
 EV – Electric Vehicle  
 EVSE – Electric Vehicle Supply Equipment (Charging Station)  
 FERA- Family Electric Rate Assistance Program  
 FERC – Federal Energy Regulatory Commission  
 FFS – Franchise Fee Surcharge  
 GHG – Greenhouse gas

GHG-Free – Greenhouse gas free  
 GTSR – Green Tariff Shared Renewables  
 IDER – Integrated Distributed Energy Resources  
 IOU – Investor Owned Utility (e.g PG&E, SCE, SDG&E)  
 IRP – Integrated Resource Plan  
 ITC – Investment Tax Credit (it's a solar tax credit)  
 JCC – Joint Cost Comparison  
 JPA – Joint Powers Authority  
 kW – kilowatt (Power)  
 kWh – Kilowatt-hour (Energy)  
 LIHEAP- Low Income Home Energy Assistance Program  
 Load Shaping – changing when grid energy is used  
 LSE – Load Serving Entity  
 MCE – Marin Clean Energy  
 Methane Gas- formerly known as 'natural gas'  
 Microgrid – building or community energy system  
 MW – Megawatt (Power) = 1000 kW  
 MWh – Megawatt-hour (Energy) = 1000 kWh  
 MUD – Multi-unit Dwelling  
 NBCs – non-bypassable charges  
 NEM – Net Energy Metering  
 NERC – North American Electric Reliability Corporation  
 NDA – Non-Disclosure Agreement  
 NG – Natural Gas  
 OES – Office of Emergency Services  
 OIR – Order Instituting Rulemaking  
 PCC – Portfolio Content Category (aka "buckets") – categories for RPS compliance  
 PCC1 – Portfolio Content Category 1 REC (also called bucket 1 REC)  
 PCC2 – Portfolio Content Category 2 REC (also called bucket 2 REC)  
 PCC3 – Portfolio Content Category 3 REC (also called bucket 3 REC or unbundled REC)  
 PCE – Peninsula Clean Energy Authority  
 PCIA – Power Charge Indifference Adjustment  
 PCL – Power Content Label  
 POU – Publicly Owned Utility  
 PPA – Power Purchase Agreement  
 PSPS – Public Safety Power Shutoff  
 PV – Photovoltaics (solar panels)  
 RA – Resource Adequacy  
 RE – Renewable Energy  
 REC – Renewable Energy Credit/Certificate  
 RICAPS - Regionally Integrated Climate Action Planning Suite  
 RPS – California Renewable Portfolio Standard  
 SB xx – Senate Bill xx  
 SCP – Sonoma Clean Power  
 SJCE – San Jose Clean Energy  
 SMD – Share My Data, interval meter data  
 SQMD – Settlement Quality Meter Data

SVCE – Silicon Valley Clean Energy

TNCs – Transportation Network Companies (ridesharing companies)

TOU RATES – Time of Use Rates

VGI – Vehicle-Grid Integration

V2G – Vehicle-to-Grid

VPP – Virtual Power Plant

WECC – Western Energy Coordinating Council

WREGIS – Western Renewable Energy Generation Information System

WSPP – Western Systems Power Pool; standard contract to procure energy and RA