2075 Woodside Road | Redwood City, CA 94061
(650) 260-0005 | peninsulacleanenergy.com

Regular Meeting of the Board of Directors of the Peninsula Clean Energy Authority (PCEA)
AGENDA
Thursday, February 23, 2023
6:30 p.m.

Zoom Link: https://pencleanenergy.zoom.us/j/82772843517
Meeting ID: 827-7284-3517 **Passcode:** 2075 **Phone:** +1(669) 444-9171

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

In accordance with AB 361, the Board will adopt findings that meeting in person would present imminent risks to the health or safety of attendees of in-person meetings. Consistent with those findings, this Board Meeting will be held remotely. 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 to participate in this meeting, or who have a disability and wish to request an alternative format for the meeting materials should contact Nelly Wogberg, Board Clerk, at least 2 working days before the meeting at nwogberg@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 of Directors, please use the "Raise Your Hand" function in the Zoom platform or press *6 if you phoned into the meeting. If you have anything that you wish to be distributed to the Board of Directors and included in the official record, please send to nwogberg@peninsulacleanenergy.com.*

CALL TO ORDER / ROLL CALL

PUBLIC COMMENT
This item is reserved for persons wishing to address the Committee on any PCEA-related matters that are not otherwise on this meeting agenda. Public comments on matters listed on the agenda shall be heard at the time the matter is called. Members of the public who wish to address the Board are customarily limited to two minutes per speaker. The Board Chair may increase or decrease the time allotted to each speaker.

ACTION TO SET AGENDA AND TO APPROVE CONSENT AGENDA ITEMS

1. Adopt Findings Pursuant to AB 361 to Continue Fully Teleconferenced Committee Meetings Due to Health Risks Posed by In-Person Meetings

2. Approval of Contracts for SepiSolar and NV5 for Solar and Storage on Public Buildings Design Support

3. Approval of JPA (Joint Powers Authority) Weighted Voting Shares Allocation

4. Approval of Peninsula Clean Energy Ex-Officio Board of Director Seat and Alumni Engagement

REGULAR AGENDA

5. Chair Report (Discussion)

6. CEO Report (Discussion)

7. Citizens Advisory Committee Report, Including the Results of the Citizens Advisory Committee 2022 Feedback Survey (Discussion)

8. Selection of Board of Directors Chair and Vice Chair (Action)

9. Update on Hybrid Meetings Beginning in March 2023

10. Approval of Contract Amendment with Richard Heath & Associates (RHA) to Increase the Contract by $1,500,000 to a Total of $3,500,000 and Extend the Contract Term Through June 30, 2024

11. Update on Community Outreach Grants (Discussion)

12. Board Members' Reports (Discussion)

INFORMATIONAL REPORTS

13. Update on Marketing, Outreach Activities, and Account Services

14. 24/7 White Paper, Fourth Quarter (Q4) 2022 Media Relations Summary

15. Update on Regulatory Policy Activities

16. Update on Legislative Activities

17. Update on Community Energy Programs

18. Update on Energy Supply Procurement

19. Report on California Community Power (CCP) Joint Powers Authority

20. Industry Acronyms and Terms

ADJOURNMENT

Public records that relate to any item on the open session agenda are available for public inspection. The records are available at the Peninsula Clean Energy offices or on PCEA's Website at: https://www.peninsulacleanenergy.com.

Instructions for Joining a Zoom 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 2 below) rather than your computer audio

Options for Joining

A. **Videoconference with Computer Audio – see Option 1 below**
B. **Videoconference with Phone Call Audio– see Option 2 below**
C. **Calling in via Telephone/Landline – see Option 3 below**

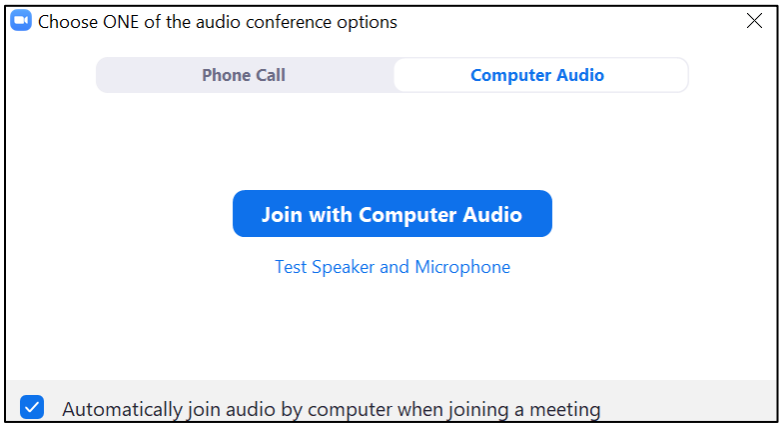
Videoconference Options:

Prior to the meeting, we recommend that you install the Zoom Meetings application on your computer by clicking here https://zoom.us/download.

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

Option 1 Videoconference with Computer Audio:

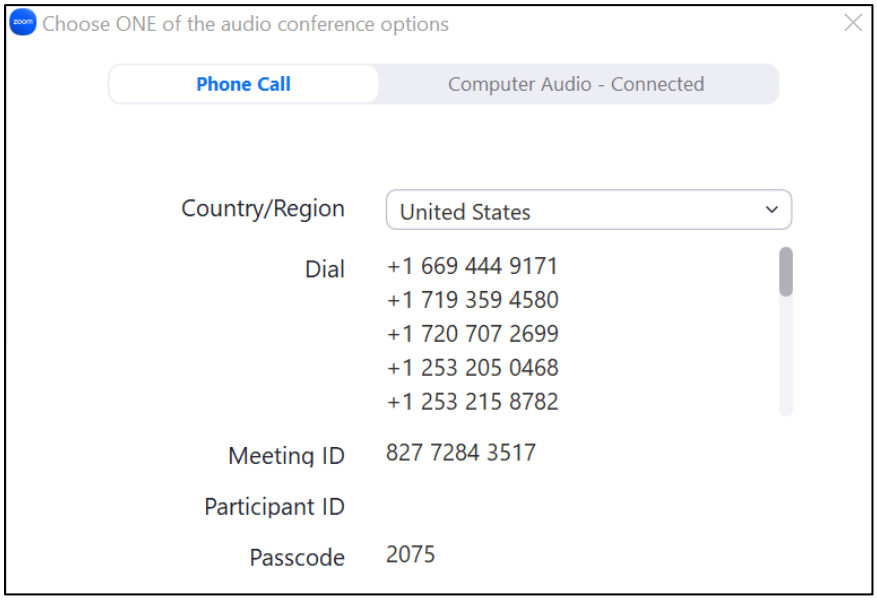
1. From your computer, click on the following link that is also included in the Meeting Calendar Invitation: https://pencleanenergy.zoom.us/j/82772843517
2. The Zoom application will open on its own or you will be instructed to open Zoom.
3. After the application opens, the pop-up screen below will appear 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 blue, “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.

Option 2 Videoconference with Phone Call Audio:

1. From your computer, click on the following link that is also included in the Meeting Calendar Invitation: https://pencleanenergy.zoom.us/j/82772843517
2. The Zoom Application will open on its own or you will be instructed to Open Zoom.



3. After the application opens, the pop-up screen below will appear asking you to choose ONE of the audioconference options. Click on the Phone Call option at the top of the pop-up screen.
4. Please dial +1(669) 444-9171
5. You will be instructed to enter the meeting ID: **827-7284-3517 followed by #**
6. You will be instructed to enter in your participant ID. Your participant ID is unique to you and is what connects your phone number to your Zoom account
7. After a few seconds, your phone audio should be connected to the Zoom 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

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 via Telephone/Landline:

1. Dial +1(669) 444-9171
2. You will be instructed to enter the meeting ID: **827-7284-3517 followed by #**
3. 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 press # to stay on the line
4. You will be instructed to enter the meeting passcode **2075 followed by #**

PENINSULA CLEAN ENERGY

PENINSULA CLEAN ENERGY AUTHORITY
JPA Board Correspondence

DATE: February 13, 2023
BOARD MEETING DATE: February 23, 2023
SPECIAL NOTICE/HEARING: None
VOTE REQUIRED: Majority Present

TO: Honorable Peninsula Clean Energy Authority Board of Directors

FROM: Jan Pepper, Chief Executive Officer, Peninsula Clean Energy Authority

SUBJECT: Resolution to Make Findings Allowing Continued Remote Meetings Under Brown Act

RECOMMENDATION:
Adopt a resolution finding that, as a result of the continuing COVID-19 pandemic state of emergency declared by Governor Newsom, meeting in person would present imminent risks to the health or safety of attendees.

BACKGROUND:
On June 11, 2021, Governor Newsom issued Executive Order N-08-21, which rescinded his prior Executive Order N-29-20 and set a date of October 1, 2021 for public agencies to transition back to public meetings held in full compliance with the Brown Act. The original Executive Order provided that all provisions of the Brown Act that required the physical presence of members or other personnel as a condition of participation or as a quorum for a public meeting were waived for public health reasons..

On September 16, 2021, the Governor signed AB 361, a bill that formalizes and modifies the teleconference procedures implemented by California public agencies in response to the Governor's Executive Orders addressing Brown Act compliance during shelter-in-place periods. AB 361 allows a local agency to continue to use teleconferencing under the same basic rules as provided in the Executive Orders when certain circumstances occur or when certain findings have been made and adopted by the local agency.

AB 361 requires that, if the state of emergency remains active for more than thirty (30) days, the agency must make findings by majority vote to continue using the bill's exemption to the Brown Act teleconferencing rules. The findings are to the effect that the need for teleconferencing persists due to the nature of the ongoing public health emergency and the social distancing recommendations of local public health officials. **Effectively, this means that agencies, including PCEA, must agendize a Brown Act**

meeting and make findings regarding the circumstances of the emergency on a thirty (30) day basis. If at least thirty (30) days have transpired since its last meeting, the Boards must vote whether to continue to rely upon the law's provision for teleconference procedures in lieu of in-person meetings.

AB 361 allows for meetings to be conducted virtually *as long as* there is a gubernatorially-proclaimed public emergency in combination with (1) local health official recommendations for social distancing or (2) adopted findings that meeting in person would present risks to health. AB 361 will sunset on January 1, 2024.

On September 25, 2021, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361. Out of an abundance of caution given AB 361's narrative that describes each legislative body's responsibility to reauthorize remote meetings, staff and counsel brings this memo and corresponding resolution to the attention of the Board of Directors.

On October 28, 2021, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361.

On November 18, 2021 the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361.

On December 16, 2021 the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361.

On January 27, 2022 the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361.

On February 24, 2022 the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361.

On March 24, 2022 the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361.

On April 28, 2022 the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361.

On May 26, 2022, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361.

On June 23, 2022, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361.

On July 28, 2022, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361.

On August 25, 2022, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361.

On September 22, 2022, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361.

On October 27, 2022, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361.

On November 17, 2022, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361.

On December 15, 2022, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361.

On January 26, 2023, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361.

DISCUSSION:

Because of continuing concerns regarding COVID-19 transmission, especially when individuals are grouped together in close quarters, it is recommended that the Peninsula Clean Energy Board of Directors avail itself of the provisions of AB 361 allowing continuation of online meetings by adopting findings to the effect that conducting in-person meetings would present risk to the health and safety of attendees. A resolution to that effect and directing staff to agendize the renewal of such findings in the event that thirty (30) days has passed since the Board's last meeting, is attached hereto. Note that on February 28, 2023 the State of Emergency authorizing remote meetings pursuant to AB361 will end. Agenda item 10.1 addresses PCEA's planned meeting structure as of that date.

RESOLUTION NO. _____

PENINSULA CLEAN ENERGY AUTHORITY, COUNTY OF SAN MATEO,

STATE OF CALIFORNIA

* * * * * *

RESOLUTION FINDING THAT, AS A RESULT OF THE CONTINUING COVID-19 PANDEMIC STATE OF EMERGENCY DECLARED BY GOVERNOR NEWSOM, MEETING IN PERSON FOR MEETINGS OF THE PENINSULA CLEAN ENERGY BOARD OF DIRECTORS WOULD PRESENT IMMINENT RISKS TO THE HEALTH OR SAFETY OF ATTENDEES

WHEREAS, on March 4, 2020, the Governor proclaimed pursuant to his authority under the California Emergency Services Act, California Government Code section 8625, that a state of emergency exists with regard to a novel coronavirus (a disease now known as COVID-19); and

WHEREAS, on June 4, 2021, the Governor clarified that the "reopening" of California on June 15, 2021 did not include any change to the proclaimed state of emergency or the powers exercised thereunder, and as of the date of this Resolution, neither the Governor nor the Legislature have exercised their respective powers pursuant to California Government Code section 8629 to lift the state of emergency either by proclamation or by concurrent resolution in the state Legislature; and

WHEREAS, on March 17, 2020, Governor Newsom issued Executive Order N-29-20 that suspended the teleconferencing rules set forth in the California Open Meeting law, Government Code section 54950 et seq. (the "Brown Act"), provided certain requirements were met and followed; and

WHEREAS, on September 16, 2021, Governor Newsom signed AB 361 that provides that a legislative body subject to the Brown Act may continue to meet without fully complying with the teleconferencing rules in the Brown Act provided the legislative body determines that meeting in person would present imminent risks to the health or safety of attendees, and further requires that certain findings be made by the legislative body every thirty (30) days; and,

WHEREAS, on January 5, 2022, Governor Newsom extended the sunset provision of AB361 and Government Code Section 11133(g) to January 1, 2024 due to surges and instability in COVID-19 cases; and,

WHEREAS, California Department of Public Health ("CDPH") and the federal Centers for Disease Control and Prevention ("CDC") caution that COVID-19 continues to be highly transmissible and that even fully vaccinated individuals can spread the virus to others; and,

WHEREAS, the Board has an important governmental interest in protecting the health, safety and welfare of those who participate in its meetings;

WHEREAS, on September 25, 2021, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361. Out of an abundance of caution given AB 361's narrative that describes each legislative body's responsibility to reauthorize remote meetings, staff and counsel bring this resolution to the attention of the Board of Directors, and;

WHEREAS, on October 28, 2021, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361, and;

WHEREAS, on November 18, 2021, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361, and;

WHEREAS, on December 16, 2021, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361, and;

WHEREAS, on January 27, 2022, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361, and;

WHEREAS, on February 24, 2022, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361, and;

WHEREAS, on March 24, 2022, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361, and;

WHEREAS, on April 28, 2022, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361, and;

WHEREAS, on May 26, 2022, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361, and;

WHEREAS, on June 23, 2022, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361, and;

WHEREAS, on July 28, 2022, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361, and;

WHEREAS, on August 25, 2022, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361, and;

WHEREAS, on September 22, 2022, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361, and;

WHEREAS, on October 27, 2022, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361, and;

WHEREAS, on November 17, 2022, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361, and;

WHEREAS, on December 15, 2022, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361, and;

WHEREAS, on January 26, 2023, the Peninsula Clean Energy Board of Directors approved a thirty (30) day extension of remote meetings in accordance with AB 361, and;

WHEREAS, in the interest of public health and safety, as affected by the emergency caused by the spread of COVID-19, the Board deems it necessary to find that meeting in person would present imminent risks to the health or safety of attendees, and thus intends to invoke the provisions of AB 361 related to teleconferencing.

NOW, THEREFORE, IT IS HEREBY DETERMINED AND ORDERED that

1. The recitals set forth above are true and correct.

2. The Board finds that meeting in person would present imminent risks to the health or safety of attendees.

3. Staff is directed to return no later than thirty (30) days, or, alternatively, at the next scheduled meeting of the Board, after the adoption of this resolution with an item for the Board to consider making the findings required by AB 361 in order to continue meeting under its provisions.

4. Staff is directed to take such other necessary or appropriate actions to implement the intent and purposes of this resolution.

* * * * * *

PENINSULA CLEAN ENERGY
JPA Board Correspondence

DATE: Feb. 10, 2023
BOARD MEETING DATE: Feb. 23, 2023
SPECIAL NOTICE/HEARING: None
VOTE REQUIRED: Yes

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: Approval of Contracts for SepiSolar and NV5 for Solar and Storage on Public Buildings Design Support (Action)

RECOMMENDATION

Approval of Contracts for SepiSolar and NV5 for Solar and Storage on Public Buildings design support.

BACKGROUND

Peninsula Clean Energy's mission is to reduce greenhouse gas emissions by expanding access to sustainable and affordable energy solutions. This mission includes a goal of developing 20 megawatts (MW) of local power in the service territory. To this end, PCE has developed a local government solar and storage program which would aggregate purchasing to lower costs of installation and reduce complexity for local governments to install systems.

To support reaching the 20 MW goal, the Solar and Storage for Public Buildings was aimed at aggregating local government facilities into a group procurement of solar and optionally storage systems. Peninsula Clean Energy provides no-cost site assessments, preliminary designs, manages procurement process and administers construction as part of a power purchase agreement (PPA) executed with participating agencies. The first cohort of sites is in contracting and expected to begin construction later this year (details available in the January 2023 Board materials).

As part of the pilot phase, in October 2020, the Board approved a Solar Site Evaluation Services contract with McCalmont Engineering for Solar site evaluation and designs for County and municipal facilities identified as candidates for solar-only or solar + storage resilience projects. In March 2022, the Board approved up to $600,000 for technical assistance on the second round of the aggregated solar program. In January 2023, the

Board approved the contracts for round one and up to $10 million in capital investment to be reimbursed over 20 years through PPA payments.

In parallel with the contracting phase of round one, Peninsula Clean Energy has been enrolling sites in the second cohort of sites under the program. To date over 100 candidate sites have been identified across 20 agencies. The candidate sites are being screened for viability including minimum size, facility ownership, roof and site conditions and other factors. Qualifying sites then require site visits for detailed assessment, preliminary designs, and submission of interconnection applications.

In November 2022 the California Public Utilities Commission finalized a revision to the Net Energy Metering (NEM) tariff that include significant changes to formulas which govern the solar NEM tariff. NEM rules determine how solar energy generated "behind the meter" is valued when exported to the grid. In most cases the new NEM rules ("NEM 3") would substantially reduce the value of solar energy. NEM 3 applies to all systems whose interconnection application is submitted and deemed complete after April 13, 2023.

DISCUSSION

To ensure maximum economic value to agencies participating in the Solar and Storage for Public Buildings program, Peninsula Clean Energy seeks to ensure all interconnection applications are submitted well before the NEM 3 deadline. Industry demand for design and interconnection submittals have increased sharply and the original technical assistance firm utilized in round one (McCalmont Engineering) has indicated limitations in bandwidth and willingness to undertake site visits and interconnection applications.

To ensure the deadline can be met, Peninsula Clean Energy contracted with two additional design firms, previously identified through the competitive selection process, SepiSolar and NV5 (formerly known as Sage Energy Consulting). These contracts were put in place under the CEO's contract authority for Sepi and NV5 to perform site visits at public agency facilities, with $99,000 under contract with SepiSolar and $92,000 under contract with NV5. The scale and scope of each contract currently only accommodates site visit needs. We are expanding the scope to cover solar designs and interconnection application submittals, necessitating a larger budget for each contract. The contract amendments will increase the budget for NV5's contract by $198,000 to $290,000 total, and will increase the budget for SepiSolar's contract by $441,000 to $540,000 total. The total costs from these contracts results in an increase from the March 2022 authorization of $230,000 to $830,000. Not all the funds may be used depending on the number of facilities being deemed viable in the final analysis. The contracts are volumetric so funds will only be expended if needed.

The request to the Board is the approval of amendments to the SepiSolar and NV5 contracts to ensure the required technical assistance is available to complete interconnections and move on to procurement of installation services for all sites determined to be viable.

Staff will return to the Board to update it on round two including capitalization strategy, overall scale, and other details at a future date.

FISCAL IMPACT

The total contract amounts for technical assistance on round two of the Solar and Storage for Public Buildings is $830,000. The funds expenditures will be within the existing Programs budget primarily in FY2023.

STRATEGIC PLAN

The proposed program supports the following elements of the strategic plan:

- Local Power Sources: Create a minimum of 20 MW of new power sources in San Mateo County by 2025

RESOLUTION NO. _____

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

* * * * * *

RESOLUTION DELEGATING AUTHORITY TO THE CHIEF EXECUTIVE OFFICER TO EXECUTE AN AMENDMENT WITH NV5 (FORMERLY KNOWN AS SAGE ENERGY CONSULTING) TO INCREASE THE CONTRACT BY $198,000 FOR A TOTAL NOT TO EXCEED AMOUNT OF $290,000 FOR UP TO 1 YEAR TO PROVIDE TECHNICAL ASSISTANCE FOR SOLAR AND STORAGE SYSTEMS

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 Board of Directors of Peninsula Clean Energy approved a deployment target of 20 MW of new local power in Peninsula Clean Energy territory; and

WHEREAS, Peninsula Clean Energy has identified numerous public facilities for the deployment of solar systems including prospective sites for storage systems; and

WHEREAS, these systems are expected to deliver substantial energy cost savings to participating agencies; and

WHEREAS, Peninsula Clean Energy has developed an innovative model for delivering systems to participating agencies at lower cost than alternative installation options; and

WHEREAS, Peninsula Clean Energy has need for technical assistance for developing system designs and related services and has identified NV5 as qualified through a competitive process; and

WHEREAS, Peninsula Clean Energy has expanded the scope of the original contract to incorporate the development of solar designs and interconnection application submittals and the increased scope requires additional funds.

NOW, THEREFORE, IT IS HEREBY DETERMINED AND ORDERED that the Board delegates authority to the Chief Executive Officer to finalize and execute the amendments with NV5 to increase the contract by $198,000 for a total not to exceed amount of up to $290,000 for up to 1 year to provide technical assistance for solar and storage systems in a form approved by the General Counsel.

* * * * * *

RESOLUTION NO. _____

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

* * * * * *

RESOLUTION DELEGATING AUTHORITY TO THE CHIEF EXECUTIVE OFFICER TO EXECUTE AN AMENDMENT WITH SEPISOLAR TO INCREASE THE CONTRACT BY $441,000 FOR A TOTAL NOT TO EXCEED AMOUNT OF UP TO $540,000 FOR UP TO 1 YEAR TO PROVIDE TECHNICAL ASSISTANCE FOR SOLAR AND STORAGE SYSTEMS

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 Board of Directors of Peninsula Clean Energy approved a deployment target of 20 MW of new local power in Peninsula Clean Energy territory; and

WHEREAS, Peninsula Clean Energy has identified numerous public facilities for the deployment of solar systems including prospective sites for storage systems; and

WHEREAS, these systems are expected to deliver substantial energy cost savings to participating agencies; and

WHEREAS, Peninsula Clean Energy has developed an innovative model for delivering systems to participating agencies at lower cost than alternative installation options; and

WHEREAS, Peninsula Clean Energy has need for technical assistance for developing system designs and related services and has identified SepiSolar as qualified through a competitive process.

WHEREAS, Peninsula Clean Energy has expanded the scope of the original contract to incorporate the development of solar designs and interconnection application submittals and the increased scope requires additional funds.

NOW, THEREFORE, IT IS HEREBY DETERMINED AND ORDERED that the Board delegates authority to the Chief Executive Officer to finalize and execute the amendments with SepiSolar to increase the contract by $441,000 for a total not to exceed amount of up to $540,000 for up to 1 year to provide technical assistance for solar and storage systems in a form approved by the General Counsel.

* * * * * *

PENINSULA CLEAN ENERGY

AMENDMENT NO. 1 TO AGREEMENT BETWEEN PENINSULA CLEAN ENERGY AUTHORITY AND SAGE RENEWABLE ENERGY CONSULTING, INC. DBA NV5

THIS AMENDMENT TO THE AGREEMENT, entered into this 24th day of February, 2023 by and between PENINSULA CLEAN ENERGY AUTHORITY, a California joint powers authority, hereinafter called "PCE," and Sage Renewable Energy Consulting, Inc. dba NV5, hereinafter called "Contractor";

W I T N E S S E T H:

WHEREAS, the parties entered into an Agreement on February 7, 2023 for the purpose of Contractor providing technical design, analysis, and interconnection application services ("Agreement"); and

WHEREAS, the parties wish to amend the Agreement to increase the maximum amount by $198,000 to an amount not to exceed $290,000.

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

1. **The text in Section 3, Payment, shall be amended to replace**

   In no event shall PCEA's total fiscal obligation under this Agreement exceed ninety-two thousand ($92,000).

   with the following:

   In no event shall PCEA's total fiscal obligation under this Agreement exceed ninety-two thousand ($290,000).

2. **The text in Exhibit B – Payment Terms shall be deleted**

   In no event shall Client's total fiscal obligation under this Agreement exceed ninety-two thousand dollars ($92,000).

3. **Except as expressly amended herein, all other provisions of the Agreement shall remain in full force and effect.**

4. **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: _____

NV5

By: _____

Name: _____

Title:_____

Dated: _____

PENINSULA CLEAN ENERGY

AMENDMENT NO. 1 TO AGREEMENT BETWEEN PENINSULA CLEAN ENERGY AUTHORITY AND SEPI SOLAR

THIS AMENDMENT TO THE AGREEMENT, entered into this 24th day of February, 2023 by and between PENINSULA CLEAN ENERGY AUTHORITY, a California joint powers authority, hereinafter called "PCE," and SepiSolar, Inc, hereinafter called "Contractor";

W I T N E S S E T H:

WHEREAS, the parties entered into an Agreement on February 7, 2023 for the purpose of Contractor providing technical design, analysis, and interconnection application services ("Agreement"); and

WHEREAS, the parties wish to amend the Agreement to increase the maximum amount by $441,000 to an amount not to exceed $540,000.

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

1. **The text in Section 5, Fees and Payment, shall be amended to replace**

   The total fees for Services under this contract shall not exceed $99,000. Fee for the Services shall be set forth and agreed upon on in Exhibit B to this Agreement and shall be paid pursuant to the parameters set forth in Exhibit A, both exhibits are incorporated herein by reference.

   with the following:

   The total fees for Services under this contract shall not exceed $540,000. Fee for the Services shall be set forth and agreed upon on in Exhibit B to this Agreement and shall be paid pursuant to the parameters set forth in Exhibit A, both exhibits are incorporated herein by reference.

2. **The text in Exhibit B – Payment Terms shall be deleted**

   In no event shall Client's total fiscal obligation under this Agreement exceed ninety-two thousand dollars ($99,000).

3. **Except as expressly amended herein, all other provisions of the Agreement shall remain in full force and effect.**

4. **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: _____

SepiSolar

By: _____

Name: _____

Title:_____

Dated: _____

PENINSULA CLEAN ENERGY

PENINSULA CLEAN ENERGY AUTHORITY
Board Correspondence

DATE: February 13, 2023
BOARD MEETING DATE: February 23, 2023
SPECIAL NOTICE/HEARING: None
VOTE REQUIRED: Majority Present

TO: Honorable Peninsula Clean Energy Authority Board of Directors

FROM: Leslie Brown, Director of Account Services, Peninsula Clean Energy Authority

SUBJECT: JPA (Joint Powers Authority) Weighted Voting Shares Allocation

RECOMMENDATION:

Approve recalculated weighted voting shares based on 2022 annual energy consumption.

BACKGROUND:

As the Board is aware, the Joint Powers Authority (JPA) Agreement creating Peninsula Clean Energy includes a "weighted" voting option. The voting procedure is as follows: votes are first taken by simple majority vote. Voting automatically ends if the majority votes against an agenda item. However, if there is a majority vote for approval of an agenda item, a "weighted" vote by shares can be called by any Board member. Weighted votes are covered by Section 3.7 of the Joint Powers Authority:

3.7 Voting In general, as described below in Section 3.7.3, action by the Authority Board will be taken solely by a majority vote of the Directors present. However, as described below in Section 3.7.4, upon request of a Director, a weighted vote by shares will also be conducted. When such a request is made, an action must be approved by both a majority vote of Directors present and a majority of the weighted vote by shares present. No action may be approved solely by a vote by shares.

Specifically, sections 3.7.1, 3.7.2, 3.7.3 and 3.7.4 state the following:

3.7.1 Voting Shares
Each Director shall have a voting share as determined by the following formula: (Annual Energy Use/Total Annual Energy) multiplied by 100.

3.7.2. Exhibit Showing Voting Shares. The initial voting shares will be set forth in Exhibit D. Exhibit D shall be revised no less than annually as necessary to account for changes in the number of Parties and changes in the Parties' Annual Energy Use. Exhibit D and adjustments shall be approved by the Board.

3.7.3. Approval Requirements Relating to CCA Program. Except as provided in Sections 3.7.4 and 3.7.5 below, action of the Board shall require the affirmative vote of a majority of Directors present at the meeting.

3.7.4. Option for Approval by Voting Shares. Notwithstanding Section 3.7.3, any Director present at a meeting may demand that approval of any matter related to the CCA Program be determined on the basis of both voting shares and by the affirmative vote of a majority of Directors present at the meeting. If a Director makes such a demand with respect to approval of any such matter, then approval of such matter shall require the affirmative vote of a majority of Directors present at the meeting and the affirmative vote of Directors having a majority of voting shares present, as determined by Section 3.7.1 except as provided in Section 3.7.5.

If, pursuant to the weighted vote of the present members, the item is rejected or approved, the weighted vote prevails. In other words, the weighted vote can serve as a possible veto of the simple majority vote.

DISCUSSION:

Staff has recalculated the weighted shares based on 2022 PCE energy sales to member jurisdictions and prepared revised Exhibits C and D to be attached to the Joint Powers Authority Agreement. The JPA states that the values for Annual Energy Use will be designated in Exhibit C and shall be adjusted annually as soon as reasonably practicable after January 1, but no later than March 1 of each year. These adjustments require approval by the Board. Exhibits C and D Annual Energy Use and Voting Shares were last updated and approved by the Board on February 24, 2022.

The table below includes the weighted shares for each service territory or member of the JPA based on data sourced from billing data provided by PCE's Data Management Provider, Calpine Energy Solutions, based on billing records for 2022. Staff is requesting Board approval of this revised schedule. Last year's Voting Shares table is included as well for reference:

2022 Peninsula Clean Energy Voting Shares Distribution	
Service Territory	**Distribution Weight (%)**
SO SAN FRANCISCO INC	13.39%
REDWOOD CITY INC	12.41%
SAN MATEO INC	12.39%
MENLO PARK INC	8.08%
DALY CITY INC	7.14%
UNINC SAN MATEO CO	6.37%
FOSTER CITY INC	5.49%
BURLINGAME INC	5.34%
SAN CARLOS INC	4.45%
SAN BRUNO INC	3.65%
LOS BANOS INC	3.19%
PACIFICA INC	2.74%
BELMONT INC	2.42%
MILLBRAE INC	2.08%
BRISBANE INC	1.95%
ATHERTON INC	1.86%
EAST PALO ALTO INC	1.73%
HILLSBOROUGH INC	1.63%
HALF MOON BAY INC	1.35%
WOODSIDE INC	1.14%
PORTOLA VALLEY INC	0.65%
COLMA INC	0.54%
Total	100.00%

2021 Peninsula Clean Energy Voting Shares Distribution	
Service Territory	**Distribution Weight (%)**
SO SAN FRANCISCO INC	13.60%
REDWOOD CITY INC	12.43%
SAN MATEO INC	11.86%
MENLO PARK INC	7.38%
DALY CITY INC	7.09%

UNINC SAN MATEO CO	6.43%
FOSTER CITY INC	5.20%
LOS BANOS INC	5.06%
BURLINGAME INC	4.90%
SAN CARLOS INC	4.39%
SAN BRUNO INC	3.59%
PACIFICA INC	2.62%
BELMONT INC	2.51%
MILLBRAE INC	2.20%
EAST PALO ALTO INC	1.83%
BRISBANE INC	1.75%
ATHERTON INC	1.63%
HILLSBOROUGH INC	1.63%
HALF MOON BAY INC	1.59%
WOODSIDE INC	1.16%
PORTOLA VALLEY INC	0.62%
COLMA INC	0.53%
Total	100.00%

RESOLUTION NO. _____

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

* * * * * *

RESOLUTION ADOPTING AN UPDATED WEIGHTED VOTING SHARES ALLOCATION FOR EXHIBITS C AND D TO THE JOINT POWERS AUTHORITY (JPA) AGREEMENT BASED ON 2022 ENERGY SALES

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

WHEREAS, the JPA creating Peninsula Clean Energy Authority includes a weighted voting option; and

WHEREAS, the voting share allocation shall be updated annually based on energy sales: and

WHEREAS, Peninsula Clean Energy Authority staff has re-calculated the weighted voting allocation based on 2022 PCE energy sales to member jurisdictions.

NOW, THEREFORE, IT IS HEREBY DETERMINED AND ORDERED that the Board adopt the updated voting shares allocation and replace the existing Exhibits C and D to the Joint Powers Authority (JPA) Agreement with the revised Exhibits C and D prepared by Peninsula Clean Energy staff.

* * * * * *

Exhibits C and D
Annual Energy Use and Voting Shares

ANNUAL ENERGY USE WITHIN PENINSULA CLEAN ENERGY JURISDICTIONS AND VOTING SHARES	
Twelve Months Ended December 2022	
Party	Voting Share
SO SAN FRANCISCO INC	13.39%
REDWOOD CITY INC	12.41%
SAN MATEO INC	12.39%
MENLO PARK INC	8.08%
DALY CITY INC	7.14%
UNINC SAN MATEO CO	6.37%
FOSTER CITY INC	5.49%
BURLINGAME INC	5.34%
SAN CARLOS INC	4.45%
SAN BRUNO INC	3.65%
LOS BANOS INC	3.19%
PACIFICA INC	2.74%
BELMONT INC	2.42%
MILLBRAE INC	2.08%
BRISBANE INC	1.95%
ATHERTON INC	1.86%
EAST PALO ALTO INC	1.73%
HILLSBOROUGH INC	1.63%
HALF MOON BAY INC	1.35%
WOODSIDE INC	1.14%
PORTOLA VALLEY INC	0.65%
COLMA INC	0.54%
Total	100.00%

PENINSULA CLEAN ENERGY

PENINSULA CLEAN ENERGY AUTHORITY
Board Correspondence

DATE: February 13, 2023
BOARD MEETING DATE: February 23, 2023
SPECIAL NOTICE/HEARING: None
VOTE REQUIRED: None

TO: Honorable Peninsula Clean Energy Board of Directors

FROM: PCE Sub-Committee on Ex-Officio Board of Director Status
Nelly Wogberg, Board Clerk

SUBJECT: Approval of Peninsula Clean Energy Ex-Officio Board of Director Seat and Alumni Engagement

PURPOSE

At the December 15, 2022 Board of Directors meeting Chair DeGolia requested that a sub-committee of Donna Colson, Rick Bonilla, Giselle Hale, and John Keener consult with Staff and our legal counsel to determine a process by which to proceed with the Director Emeritus Ex-Officio Board positions or an alternative for Peninsula Clean Energy ("PCE").

STATUS

Presently, there are two Directors Emeritus on the Board of Directors that are appointed and with responsibilities as pursuant to the current JPA agreement as below:

3.1.1 Directors Emeritus.

The Board may select up to two board directors emeritus ("Directors Emeritus"). Directors Emeritus will be selected from former directors who served on the Board with distinction and excellence. The Board may fill any vacant emeritus position(s) by a simple majority vote of Directors. The Chair may delegate the initial review of applicants and/or nominations to a committee. Directors Emeritus will serve at the pleasure of the Board for two-year terms, subject to the discretion of the Board to shorten or end a term. There shall be no limit on the number of terms held. It is the Board's intention that Directors Emeritus receive all written notices and information provided to the Board, be permitted to attend all Board meetings, be permitted to participate in committee meetings without need for an appointment and be encouraged to attend other PCE events. Directors Emeritus will not be counted in determining if a quorum is present, will not be entitled to hold office, and will not be entitled to vote at any Board or committee meeting. Director Emeritus status does not entitle participation in closed sessions of the Board.

The Director Emeritus position was created as a means of preserving both institutional knowledge and to facilitate continued access to the technical expertise brought by former board members who were retiring from elected office. As the organization's tenure extends the number of alumni elected officials that previously served as directors increases. It is apparent to both staff and the current Board that these alumni provide Peninsula Clean Energy with an array of expertise and skills including marketing, finance, labor relations, legislation, real estate, energy procurement, and solar technology. Further, these alumni have played key roles in the management and vision of the organization. With only two Emeritus Directors permitted under the current drafting of the JPA there is not a current framework to engage the expertise of these valued former colleagues.

RECOMMENDATION

The sub-committee considered several alternatives before developing a recommendation for the Executive Committee to review. These included:

1. Maintain the status quo - Consider applications on a two-year cycle per the current status.
2. Dissolve the Emeritus seat – Allow the former directors to participate as normal members of the public.
3. Create a Director Emeritus Advisory Pool – Allow former Directors and their alternates to sign up on a formally maintained list of volunteers who would be willing to serve on sub-committees, volunteer, or advise staff and the Citizens Advisory Committee on topics germane to their skill sets.

After extensive discussion on the advantages and disadvantages of each alternative and with the objective of continuing to engage as many former board members as possible without undue administrative burden on Staff, the sub-committee recommends a version of Action 2 and 3. The sub-committee proposes that the position of Director Emeritus be dissolved having served its purpose for the past four years. Staff would then create a master list of all interested former Directors including their areas of technical expertise and past committees served.

These members would continue to receive the Board Agenda, Board Packet (without closed session or redacted information), and the weekly newsletter as a means of staying connected and engaged. As members of the public, they are welcome to attend any meeting, but meeting attendance is not required. Each year Staff would confirm each member who desires to remain on the list and their area(s) of expertise. These former Directors could be called upon to assist in providing expertise on particular issues/initiatives and, at the Board's direction, participating in subcommittee meetings on topics such as outreach, legislative advocacy, technical assistance, teaching, review of staff work product, or any other means by which the Staff or the Citizens Advisory Committee can reasonably deploy their knowledge, enthusiasm and passion around clean energy advocacy and advancing the mission of Peninsula Clean Energy.

This item was discussed at the January, 9, 2023 Executive Committee meeting, and the Executive Committee gave direction to Staff to:

1. Clarify the name of the group
2. Explicitly state that group members can be invited by Staff to join meetings of subcommittees of the Board of Directors

Staff recommends naming this group the “Emeritus Advisory Group”.

SUMMARY

The transition away from two Director Emeritus Ex-Officio seats to an Emeritus Advisory Group allows for continued engagement of former Directors and provides equitable access to all while building a robust database of former Directors who are committed to the PCE clean energy platform. Maintaining this system would require Staff to annually check in with existing members and confirm their interest to continue and ask those retiring from elected office if they would like to volunteer. No elected official would be eligible to participate until retirement from public office. All eligible candidates must have been sworn directors or alternates of the PCE Board of Directors.

PENINSULA CLEAN ENERGY

PENINSULA CLEAN ENERGY AUTHORITY
JPA Board Correspondence

DATE: February 17, 2023
BOARD MEETING DATE: February 23, 2023
SPECIAL NOTICE/HEARING: None
VOTE REQUIRED: None

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

FROM: Jan Pepper, Chief Executive Officer

SUBJECT: CEO Report

REPORT

Staffing Updates

We have filled the Director of Power Resources position and will provide more details at the meeting on February 23!

We are currently recruiting for the following open positions. The job descriptions can be found on the website:

Director of Marketing and Community Relations
Human Resources Manager
Administrative Assistant
Power Resources Analyst / Specialist

Achieving 24/7 Renewable Energy by 2025

One of Peninsula Clean Energy's strategic priorities is delivering 100% renewable energy on a 24/7 basis by 2025. As you know, on January 10, we published part 2 of our 24/7 renewables white paper "Achieving 24/7 Renewable Energy by 2025" and issued a press release. A summary of the positive press coverage we have received from this paper will be presented at the Board meeting, and additional details can be found in the Item 14 report in this board packet.

Board Orientation and Mentor Program

Peninsula Clean Energy Staff will be holding a Board Orientation in March for new Board members and Alternates as an introduction to Peninsula Clean Energy and the California energy market. All Board Members and Alternates are welcome to attend. The meeting

will be held during an evening in mid/late March in Peninsula Clean Energy's main lobby and will be approximately 3-hours long. Dinner will be provided. Although we encourage Board Members and Alternates to attend in person, we will have a virtual option as well to maximize the ability for as many Board Members and Alternates to attend. Please keep an eye on your inbox for more information. A tentative agenda is as follows:

- History and overview of PCE strategic goals and core functions
- CA energy market training
- Department Directors' discussion panel and Q&A
- Board member logistics

Vice Chair Colson proposed creating an informal Board Mentor Program to partner new Board members with tenured Board members during their first year of service. This would provide new Board members with subject matter support and Agency navigation as a supplement to Staff engagement. Participation is voluntary but we are seeking 4-7 seasoned Board members to match with our new members. Please let me know if you are interested in serving as a Board Mentor!

Presentations and Speaking Events

One of my goals and objectives from the board is to seek out speaking opportunities to evangelize the work we are doing at PCE, and in particular, the work we are doing on the 24/7 renewables goal. With the January 10 publishing of "Achieving 24/7 Renewable Energy by 2025", the number of opportunities has increased:

- I participated in an hour-long podcast on our 24/7 results with David Roberts of Volts, which was released on January 18.
- On January 25, I presented on the results of our 24/7 renewables white paper at the World Resources Institute (WRI) "24/7 Carbon Free Energy (CFE) Cities Cohort".
- On January 26, I presented our 24/7 renewables results at the Winter 2022 Bits & Watts' Smart Grid Seminar at Stanford, as well as students in a graduate Civil and Environmental Engineering class.
- On January 27, I participated in a podcast with Aaron Larson of Power on our 24/7 results.
- On January 27, I also was interviewed by Najib Aminy of RevealNews.org, part of The Center for Investigative Reporting, for an in-depth report on my early work on renewable energy credits.
- On January 30, I was a panelist on a CESA (California Energy Storage Aliance) spotlight webinar on long-duration storage to discuss how and why PCE is adding energy storage to our portfolio.
- On February 21, Mehdi Shahriari, Sara Maatta, and I will be presenting an in-depth look at our 24/7 renewables results at a CalCCA Green Bag virtual lunch.

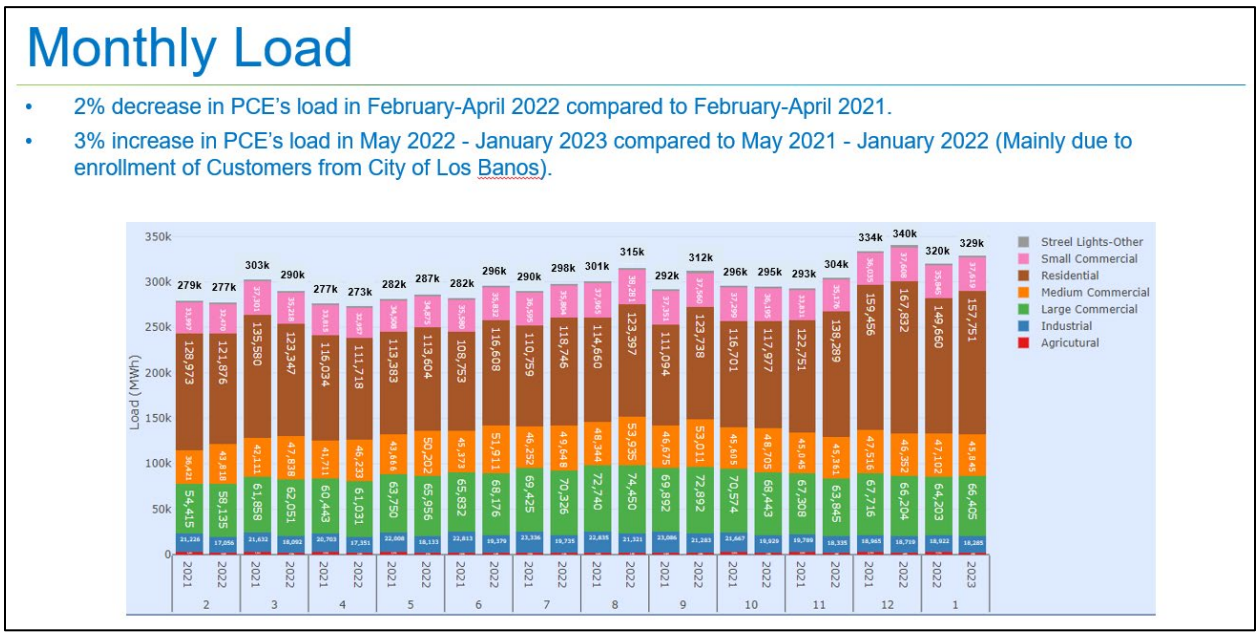
All-Staff In-Person Meeting

On January 24, we held our fourth quarterly all-staff in-person meeting at Allied Arts in Menlo Park. We welcomed our newest members of the PCE team and reviewed our 2022

achievements. We also learned about enneagrams, what personality types each of us are, and how we can use this information to improve communication and teamwork.

Impact of COVID-19 on PCE Load

Attached to this report are summary graphs of the impact of COVID-19 on Peninsula Clean Energy's load. The first graph, "Monthly Load", shows the change in load on a monthly basis from February 2021 through January 2023. We saw a 2% decrease in PCE's overall load in February – April 2022 compared to February – April 2021. We see a 3% increase in PCE's load in May 2022 – January 2023 compared to May 2021 – January 2022 mainly due to enrollment of customers from the City of Los Banos. Also continuing the same pattern as reported last month, the second graph, "Monthly Load Changes by Customer Class", shows that industrial and residential load was lower in February-April 2022 compared to the same months in 2021. Industrial load has continued to stay lower from May 2022 through January 2023 compared to those same months in 2021. Residential and commercial load continues to show an increase since May 2022 through January 2023 compared to last year. The third graph, "Load Shapes (PCE)", shows the change overall in our load on an hourly basis. January 2023 load was higher in almost all hours compared to January 2021 and 2022. Thank you to Mehdi Shahriari on our Power Resources team for compiling these graphs.



Monthly Load Changes by Customer Class

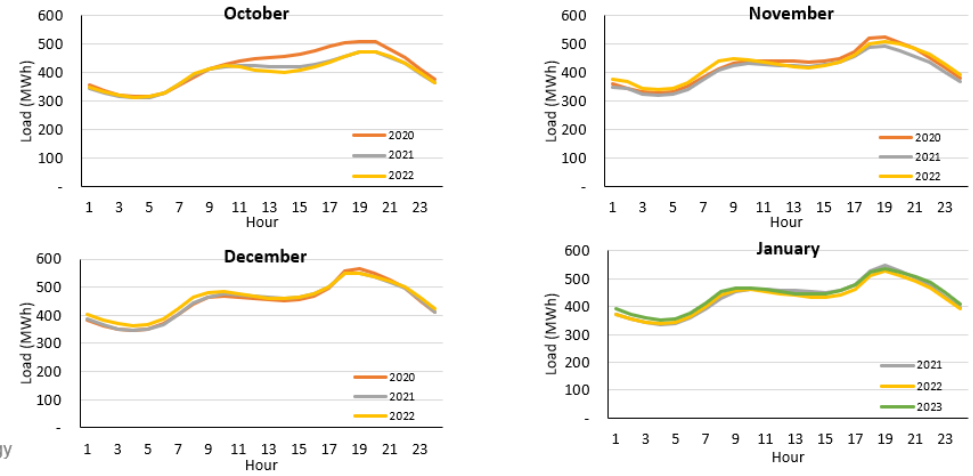
- In February-April of 2022, Industrial and Residential load was lower compared to same months in 2021. Commercial load was higher in February-April 2022 compared to February-April 2021.
- In May 2022 - January 2023, Industrial load was lower compared to May 2021 - January 2022. Commercial and Residential load was higher in May 2022 - January 2023 compared to May 2021 - January 2022.

Agricutural	-7%	-7%	-12%	-15%	-5%	-6%	-15%	-29%	-31%	-35%	-38%	-37%
Industrial	-20%	-16%	-16%	-18%	-15%	-15%	-7%	-8%	-8%	-7%	-1%	-3%
Small Commercial	-4%	-6%	-3%	1%	1%	-2%	1%	1%	-3%	4%	4%	5%
Medium Commercial	20%	14%	11%	15%	14%	7%	12%	14%	7%	1%	-2%	-3%
Large Commercial	7%	0%	1%	3%	4%	1%	2%	4%	-3%	-5%	-2%	3%
Residential	-6%	-9%	-4%	0%	7%	7%	8%	11%	1%	12%	5%	5%
Street Lights-Other	-4%	-5%	-5%	-2%	1%	5%	3%	3%	2%	4%	5%	3%
PCE	-1%	-4%	-1%	2%	5%	3%	5%	7%	0%	4%	2%	3%
Month	2	3	4	5	6	7	8	9	10	11	12	1

* For months 2-12, the heatmap shows how much load in 2022 was lower/higher compared to same month in 2021. For month 1, the heatmap shows how much load in 2023 was lower/higher compared to same month in 2022.

Load Shapes (PCE)

- October: 2022 load was lower than 2021 load in the early afternoon hours.
- November: 2022 load was higher than 2021 load in overnight, morning and late evening hours.
- December: 2022 load was higher than 2021 load in overnight and early morning hours.
- January: 2023 load was higher than 2022 load in almost all hours.



Peninsula Clean Energy

Reach Codes

Below is a table showing the status of Reach Code adoption by Peninsula Clean Energy jurisdictions, including the status for reach codes for New Construction and reach codes for Existing Buildings. Thank you to Rafael Reyes and Blake Herrschaft on our programs team for their work in this area.

Belmont and the County of San Mateo adopted new construction reach codes in January. Half Moon Bay, Portola Valley and San Mateo are leading the way in the adoption of both new construction and existing construction reach codes. There are a few new construction (NC) reach code council meetings occurring in March:

East Palo Alto - NC first reading Tuesday, March 7

South San Francisco – NC first reading Wednesday, March 8

Colma – NC study session Wednesday, March 22

Member Agency	2019 Status	2022 Status: New Construction	2022 Status: Existing Construction
Atherton		Adopted 11/16	
Belmont	Adopted	Adopted 1/10	
Brisbane	Adopted	Adopted 11/17	Exploring
Burlingame	Adopted	Adopted 11/21	
Colma	Adopted	Study session 3/22	
County of San Mateo	Adopted	Adopted 1/3	Exploring
Daly City	Adopted	Adopted 11/15	
East Palo Alto	Adopted	First reading 3/7	
Foster City			
Half Moon Bay	Adopted	EV first reading passed 12/6 (2019 gas ban for buildings)	Adopted 2019
Hillsborough	Adopted	Continuing 2019 through 2022	
Menlo Park	Adopted	Adopted 11/15	Exploring
Millbrae	Adopted	Adopted 12/13	
Pacifica	Adopted	Adopted 11/28	
Portola Valley		Adopted 10/26	
Redwood City	Adopted	Adopted 11/28	
San Bruno		Adopted 10/11	
San Carlos	Adopted	Adopted 10/24	Exploring
San Mateo	Adopted	Adopted 11/7	
South San Francisco	Adopted	First reading 3/8	
Woodside			

We have also added this second table below that provides more details for each jurisdiction as to the Reach Codes they have adopted for both EVs and buildings. EVCS means "EV Charging Station" is installed and EV-R means "EV-Ready" with an outlet that an EV can plug into.

Member Agency	2019?	2022 New Construction	EV Code	Building Code	2022: Existing
Atherton		Adopted 11/16	Multi-family N/A	All-electric, cooking exempt	
Belmont	Y	Adopted 1/10	15% L2 EVCS, 25% L2 EV-R, 60% L1 EV-R	All-electric	
Brisbane	Y	Adopted 11/17	Above model code	All-electric	Exploring
Burlingame	Y	Adopted 11/21	40% L2 EVCS, 60% L1 E-VR	All-electric	
Colma	Y	Study session 3/22		All-electric	
County of San Mateo	Y	Adopted 1/3		All-electric	Exploring
Daly City	Y	Adopted 11/15	2019 model	All-electric	
East Palo Alto	Y	First reading 3/7	2019 model	All-electric	
Foster City				All-electric	
Half Moon Bay	Y	EV first reading passed 12/6 (2019 gas ban for buildings)		All-electric	2-way AC, renovations, pre-wiring
Hillsborough	Y	Continuing 2019 thru 2022	Multi-family N/A	All-electric, cooking and drying exempt	
Menlo Park	Y	Adopted 11/15	Above model code	All-electric with lab exempt	Exploring
Millbrae	Y	Passed	25% L2 EV-R, 75% L1 EV-R	All-electric	
Pacifica	Y	Adopted 11/28	15% L2 EVCS, 85% Low power Level 2 EV-R	All-electric	Exploring
Portola Valley		Adopted 10/26	Unique code focused on small residential	All-electric	2-way AC, renovations, pre-wiring
Redwood City	Y	Adopted 11/28	40% L2 EVCS, 60% L1 E-VR	All-electric, reduced exemptions	
San Bruno		Adopted 10/11	Low power option	All-electric	
San Carlos	Y	Adopted 10/24	40% L2 EVCS, 60% L1 E-VR	All-electric, lab exempt	Study session on 1/23
San Mateo	Y	Adopted 11/7	15% L2 EVCS, 85% Low power Level 2 EV-R	All-electric	
South San Francisco	Y	First reading 3/8		All-electric	
Woodside					

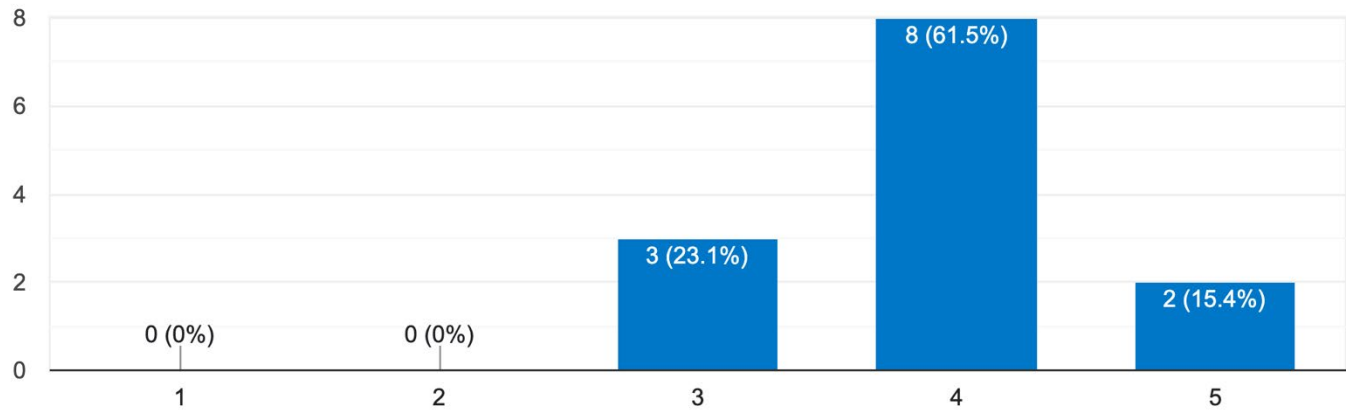
Other Meetings and Events Attended by CEO

Attend weekly and monthly CalCCA Board and Executive Committee meetings.

Results of 2022 Citizens Advisory Committee Feedback Survey

Total Number of CAC Members in December 2022: 14; Number of Survey Responses: 13

1. Please rate on a scale of 1-5 the progress the CAC made in 2022 toward meeting its objectives.

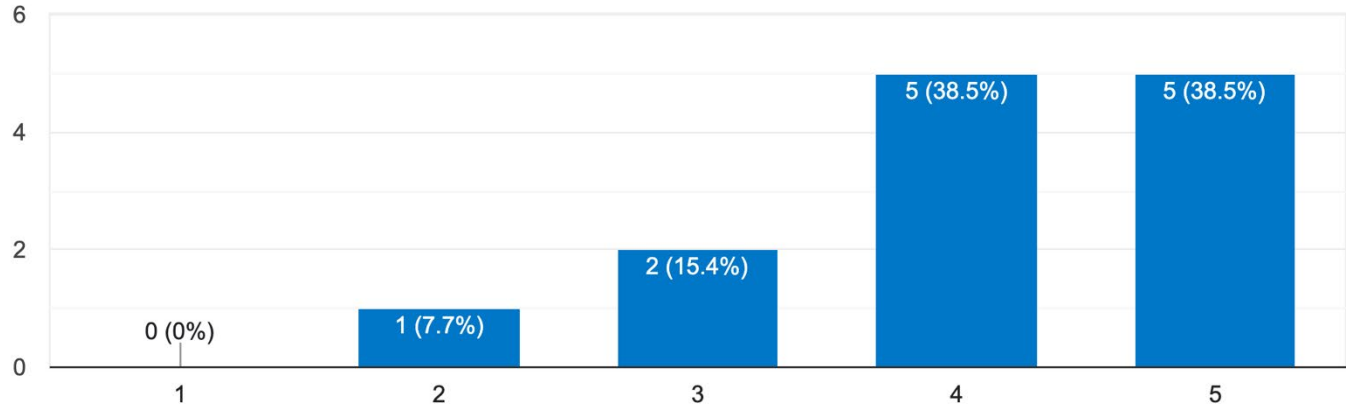


1a. Why did you give this rating?

- I believe in our work toward a cleaner community.
- All members seem interested and knowledgeable but I sense we have few opportunities to meet with people. Blame the pandemic for much of that.
- I've observed the CAC providing feedback on PCE policy and operational objectives, and I know that a number of CAC members act as liaisons to various segments of the community; however, I'm new to the CAC so I don't yet know the extent to which the CAC is engaged in outreach, nor am I aware of any legislative advocacy with which the CAC has assisted PCE this year.
- CAC has advised the board on a number of topics incl. raising goals and implements programs that will help the org. objectives. Also educated the public. But much more to be done too.
- As a new member, I'm a little embarrassed to say I don't know recall what the objectives are. I do see a lot of updates during the meetings and feedback from other members seem to indicate significant progress. I personally feel that we haven't moved backwards, so that's progress.
- The committee has made good progress toward meeting its objectives. The committee members have done well as liaisons to the community and ambassadors for PCE's programs. And several important issues that came from the committee (e.g., DEAI, decarbonization by 2035) have continued through this year.
- I don't see the CAC accomplishing that much.
- The significant push to reach closer to 99% renewable energy is significant in all regards.
- From discussion at our last meeting, it's unclear how much our new members are sharing with their networks, promoting PCE programs, etc. Maybe we need to be more specific about how they could do that and/or provide emails that they could share in addition to social media graphics. Many of our members don't speak up at meetings, which I know we're going to work on.
- I know we are still coming our of the pandemic, but our outreach efforts have been nonexistent and that is a large part of our goals. I believe we need to set firm and realistic goals on how we will meet this objective in 2023.
- As an advisory committee, we are all trying to do public outreach (hampered a bit by fewer I person events due to the pandemic) and provide meaningful input to PCE, though we often feel that there are limited opportunities to provide input in an effective way.

- In my short period of time on the CAC, the 2022 year-end recap looks like we have made significant accomplishments towards our work plan/goals.
- Staff and CAC members are devoted to the objectives of PCE

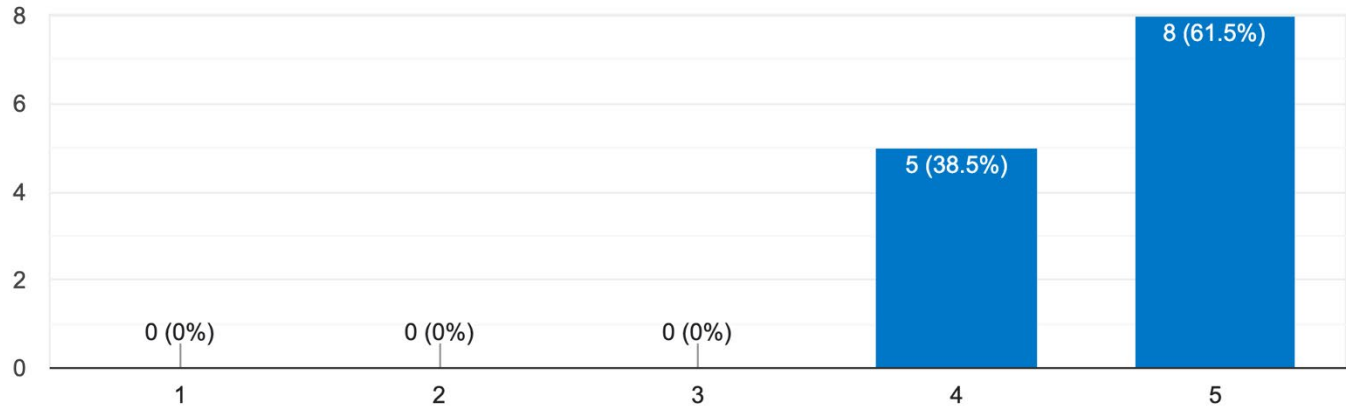
2. How satisfied are you with your experience serving on Peninsula Clean Energy's Citizen Advisory Committee in 2022?



2a. Why did you give this rating?

- I hope to contribute more to PCE as I learn more of all the programs that we are supporting.
- There is so much to learn!
- I'm very pleased to have the opportunity to serve on the CAC. I feel welcome and appreciated. I'm still figuring out how I can best contribute. I was a little disappointed that the Board did not even acknowledge the CAC's unanimous recommendation that, upon attainment of staff's proposed 99% renewable 24/7 goal, PCE re-evaluate market conditions/risks and consider setting a new goal of 100%.
- I am satisfied, but hope to be able to do more and help get everyone in jx. electrified.
- Again as a new member, I still don't know how I can support the CAC more yet. There are circumstances that prevent me from spreading information about the CAC and PCE such as not having any social media accounts which is an obvious way to support the CAC and PCE. I am working to find solutions to increasing my productivity in serving the CAC.
- I'm very satisfied. I would like to have some working groups better utilized by PCE.
- My skills and interests haven't been used
- Discussion and input is valued.
- PCE has done so much so quickly to reduce emissions in the county that I'm always eager to talk to people about it and to use PCE's example of what can be done to tackle climate change. It's gratifying to have input on PCE programs and timelines. Interacting with seasoned PCE staff and CAC members is stimulating and informs all of my climate change mitigation and environmentalism efforts.
- It is has taught me a lot and I know the CAC has accomplished great things in some areas, but still feel we could strive to continue to do more, especially with our community engagement and outreach.
- I value the opportunity to engage with PCE and learn more about programs, though It seems that any input we provide on PCE programs is marginally tolerated.
- Staff members are well prepared, informed and very helpful. I have also [*sic*]
- Staff and CAC members are devoted to the objectives of PCE

3. Please rate on a scale of 1-5 the quality of Peninsula Clean Energy staff support for the CAC in meeting its objectives in 2022.



3a. In what ways do you think staff does well at supporting the Citizens Advisory Committee?

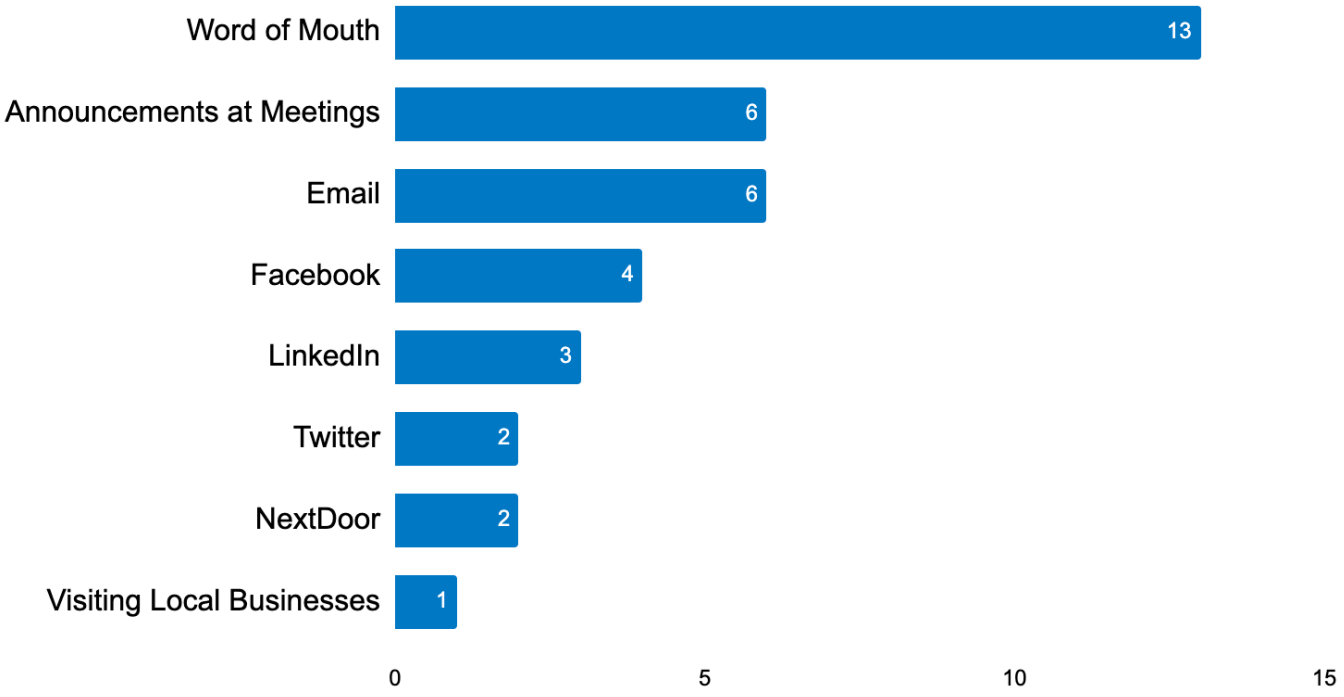
- The staff are very knowledgeable and extremely helpful.
- They always respond to questions and offer a good volume of information ahead of time.
- Staff are very generous with their time and expertise and seem to keep the CAC well apprised of program developments. They are patient about explaining complexities.
- staff is great!
- Everyone is very approachable, knowledgeable and shows a high level of accountability.
- Kirsten and Vanessa do a great job supporting the CAC. It may be nice to periodically have a working group and its staff lead come to the committee for advice/feedback on their ongoing work.
- Organizing the meetings
- Listening.
- You keep us informed about what the board is considering, programs staff are developing or running, useful consumer information we can share with our networks. You're extremely well organized in planning schedules with plenty of lead time, ensuring we have reading materials prior to meetings, supplying us with promo materials to share and with follow up in every instance. You're invaluable in reminding the CAC about our options and guiding us in decision making.
- Staff is great at providing information and follow up requests in a timely manner. Many times staff had followed up when they don't know the answer and need to seek it out.
- Staff do an excellent job organizing meetings and agendas and ensuring that they run well. Also, staff are great about informing the CAC of upcoming items.
- All staff members are very well informed and prepared for each and every CAC meeting. I also appreciate staff members always being available for any and all questions from the CAC.
- Staff responds very quickly and thoroughly to questions and suggestions

3b. How can staff improve its support of the Citizens Advisory Committee?

- Provide greater clarity about what input or action they are seeking from CAC working groups.
- Don't know.
- I think short surveys like this would help the staff better understand which topics are "hot" at the moment for the CAC. It would also identify any potential gaps in what is communicated to the CAC during the monthly meetings.
- In addition to working groups set each year, it would be nice to have staff come to the committee for input and recommendations throughout the year. If staff begin working on a new program or project, they should consider if they would benefit from advice from the committee - either as a whole during a CAC meeting or as a request for a few CAC members to serve on a small, short-term working group.
- Send to us copies of staff reports several days prior to our meetings.
- Maybe divide the new-member training into two segments, one when people join and the next six months later, when they've attended a few general meetings, possibly joined a work group and have thought of questions about the CAC's functioning. If any new members are interested, it might be helpful for them to meet one-on-one via Zoom or in-person with a longer-term member to have a relaxed conversation about how to make a meaningful contribution to PCE by being on the CAC.
- For the workgroups, it's an ongoing struggle to find a way to provide meaningful or useful support from CAC. CAC members are continually looking for ways to add value beyond simply tabling at events and helping to promote items (which we are happy to do! But that does not meet the "Advisory" aspect of the CAC role).
- I really enjoyed the additional training from staff members and I know I would benefit a lot from more training from staff members where we do a deep dive on a specific topic each time.
- By being aware of the ever changing energy world
- *No suggestions or N/A (4 responses)*

4. Through your role as a community liaison, which messages about Peninsula Clean Energy programs and savings opportunities were you inspired to share with your community this year?

5. How did you share these messages?



Additional Responses: Benchmarking reports for clients through my employment; CEC electronic newsletter; Conversation with clients

6. If there are ways that we can make sharing information about Peninsula Clean Energy easier for you, please share your ideas here.

- Since I do not use social media (with the occasional exception of NextDoor), it would be helpful to have outreach graphics and text that I could distribute via email to my networks, as well as graphics and text I could easily post on NextDoor.
- QR codes to certain links and articles so that we can quickly share articles when having quick and casual conversations with the community.
- You may want to consider asking members to compile a list of 10 to 100 people to whom they would regularly share the types of information mentioned in #4 above, then draft promotional emails and texts that they could send. Those emails and texts could always suggest that the recipient share the message with others. Some people are more comfortable sending emails or texts than using social media. You might also draft a short "elevator pitch" including PCE highlights that members could use in social, work or family gatherings. A social media tutorial about use of copy and graphics that you send for the CAC to use on Facebook, Instagram, Twitter, LinkedIn and NextDoor might be empowering and helpful. Maybe CAC members could mention PCE in their email signatures, with some creative suggestions from you.
- The media toolkits have and continue to be super helpful to me. The weekly newsletters from Jan are also another great source.
- Sharing a social package and newsletter blurbs helps a lot - sometimes that is done already but not consistently.
- A lot of information gets shared on Instagram - would be good to see more marketing materials prepared for IG platform or short form video clips.
- A brochure that explains PCE and the benefits that are offered
- *N/A or blank (6 responses)*

7. What feedback did you hear from your community this year about Peninsula Clean Energy that you would like to share with us?

- Although most people are surprised and pleased to learn that PCE supplies San Mateo County with 100% GHG-free and mostly renewably sourced electricity, I've heard arguments that, because PCE supplies electricity via the grid and the statewide/western U.S. grid relies heavily on fossil fuels, it is deceptive for PCE to claim that it provides 100% GHG-free electricity. I've also heard arguments against electrification, based on concerns that PCE/the grid will not be able to handle the load. Most recently, I heard disappointment that PCE has not taken a stand against the CPUC's NEM 3.0 proposal, given the importance of rooftop solar in making home electrification more financially attractive.
- Some people hate the rate increases and blame (erroneously) PCE. Many people have trouble understanding electrification and wish it was easier to get it done (don't blame PCE) but are frustrated with messaging from contractors and "seemingly" inconsistent messaging on effectiveness and rebates et al.
- Customers are shocked by the 98% reduction in GHG emissions from electricity compared to 2016
- Still not a lot of knowledge about PCE
- Often, "Wow, I didn't know about them" and "That's great to hear." If I mention specific incentives or programs PCE offers, they're glad that I shared that info.
- As we have discussed many times, lots of community members are unaware of PCE and still have misconceptions about clean technology and its costs and benefits. However, PCE's programs are a great model for other utilities and CCAs across the country.
- We're still finding that people are surprised to learn that PCE provides zero carbon power and at a slight discount to PG&E - people are continually impressed by that (as they should be!). For those who are aware

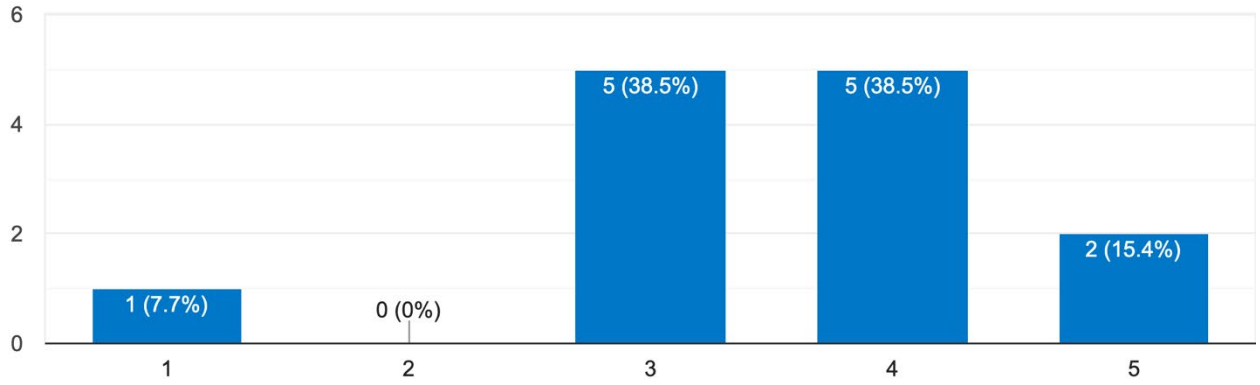
of PCE, they have strong positive impressions, and it's a collective lovefest over PCE (which is fun and everyone at PCE should feel great about that).

- I often find that many individuals still do not know what is PCE and what does PCE do. I think we should evaluate a strategy to expand marketing/brand awareness (brand ambassador, collaborating with local influencers, etc)
- "Good to hear local radio (KHMB) ""ads"" for Heat Pump Water heaters and HVAC by PCE. Getting the word out. Don't know responses
- *N/A or blank (4 responses)*

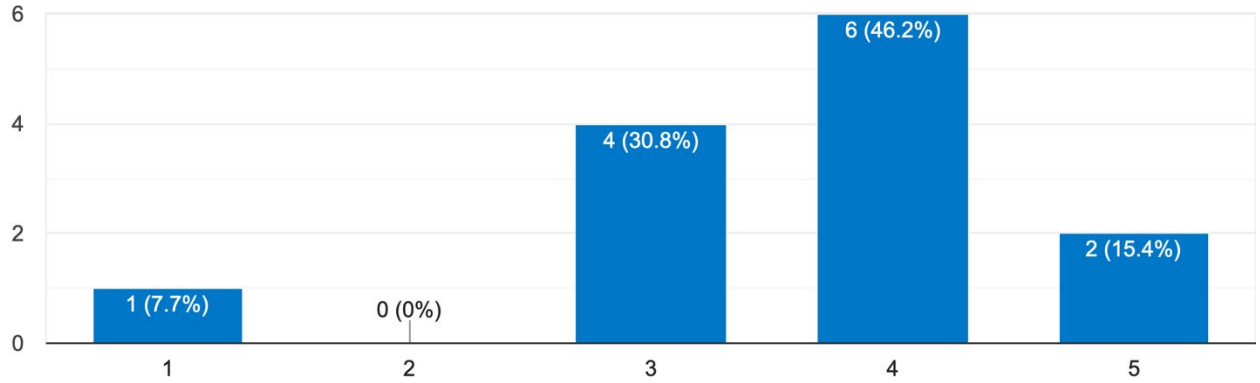
Select Results of 2021 Citizens Advisory Committee Feedback Survey

Full survey results can be found here. Total Number of Responses: 13.

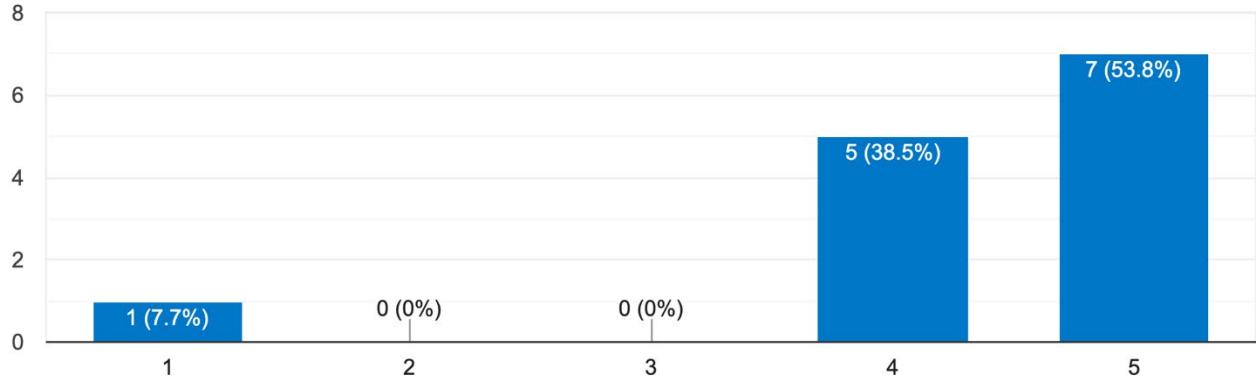
1. Please rate on a scale of 1-5 the progress the CAC made in 2021 toward meeting its objectives.



2. How satisfied are you with your experience serving on Peninsula Clean Energy's Citizen Advisory Committee in 2021?



3. Please rate on a scale of 1-5 the quality of PCE staff support for the CAC in meeting its objectives in 2021.



PENINSULA CLEAN ENERGY

PENINSULA CLEAN ENERGY AUTHORITY
Board Correspondence

DATE: February 13, 2023
BOARD MEETING DATE: February 23, 2023
SPECIAL NOTICE/HEARING: None
VOTE REQUIRED: None

TO: Honorable Peninsula Clean Energy Board of Directors

FROM: Nelly Wogberg, Board Clerk

SUBJECT: Discussion on Hybrid Meetings Beginning in March 2023

BACKGROUND:
With the end of the proclaimed State of Emergency for Covid-19 expected on February 28, 2023, all provisions of the Brown Act resume, along with noted inclusions from AB 2449. This requires resuming in-person attendance for meetings of the Peninsula Clean Energy Board of Directors, Audit and Finance Committee, Executive Committee, Citizens Advisory Committee, and any other public meeting groups, except for certain provisions within AB 2449.

Resuming in-person meetings would allow members of the public to also participate in-person, including members of the public from the Los Banos community, which joined Peninsula Clean Energy in 2020. Prior to March 2020, Peninsula Clean Energy meeting groups met at 2075 Woodside Road in the lobby conference room.

DISCUSSION:
Peninsula Clean Energy Staff has found that virtual meetings are more accessible for members of the public, especially when considering communities that are larger distances from the Redwood City office, such as Los Banos. It would be beneficial for the community of Los Banos to be able to connect with Peninsula Clean Energy without the lengthy drive to Redwood City, thus necessitating the need for hybrid connectivity. Staff looked into large hybrid-ready spaces in San Mateo County but were unsuccessful in locating a space that could accommodate a board of 23 members.

Using the Peninsula Clean Energy lobby conference room at Redwood City would require Board members, Staff and members of the public to maintain very close quarters throughout the duration of the meeting. However, by splitting the meeting space into the 3 readily available conference rooms at the same physical location, connected virtually, Board members, and those Staff and members of the public who choose to attend in-person, are able to attend the meeting in person while maintaining adequate physical distance from one another.

For our Los Banos Board member and members of the public, a conference room at Los Banos City Hall will be available for in-person meetings, connected virtually with the conference rooms in Redwood City and capable of real-time participation. All members of the public may join the meeting remotely; a virtual link will be provided in the Agenda as has been PCEA's process since March 2020.

CONCLUSION:

Staff is proposing the following:

1) Meetings held at 2075 Woodside Road
    a) Board of Directors and Citizens Advisory Committee would split attendance between the main lobby conference room, Volt conference room, and Ohm conference room; these conference rooms are all located in one building at the same physical address and all available to the public
    b) Audit and Finance Committee and Executive Committee would resume meeting in the main lobby conference room, but are able to use additional conference rooms if more space is required
2) Hybrid Style Meeting Rooms
    a) Each of the meeting rooms will be equipped with an Owl Meeting System allowing for 360° views of the room and active speaker view
    b) Meeting rooms would connect virtually with one another and in real-time
    c) Each room is equipped with air purifiers; at this time masks are required within Peninsula Clean Energy offices
3) Members of the public are invited to join in-person at 2075 Woodside Road in Redwood City, 520 J Street in Los Banos, or virtually via Zoom or Phone
4) PCEA Staff have the option to either attend in-person or virtually via Zoom

PENINSULA CLEAN ENERGY
JPA Board Correspondence

DATE: February 17, 2023
BOARD MEETING DATE: February 23, 2023
SPECIAL NOTICE/HEARING: None
VOTE REQUIRED: Majority Present

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: Approval of contract amendment with Richard Heath & Associates (RHA) to increase the contract by $1,500,000 to a total of $3,500,000 and extend the contract term through June 30, 2024.

RECOMMENDATION

Delegate authority to the Chief Executive Officer to execute a contract amendment with Richard Heath & Associates (RHA) to continue the Home Upgrade program for one year while staff prepares a new RFP and scope of work for an expanded Home Upgrade program. The current RHA contract is for up to $2,000,000 through November 2023. The proposed amendment would add $1,500,000 for a total not to exceed amount of up to $3,500,000 and will extend the term through June 30, 2024 in order to serve approximately 100 additional homes and maintain both the momentum of the program and our ability to serve income qualified customers through this popular program.

BACKGROUND

Peninsula Clean Energy's mission is to reduce greenhouse gas (GHG) emissions by expanding access to sustainable and affordable energy and energy program solutions. Nearly 30% of GHGs in San Mateo County are from methane gas usage in buildings. Reducing GHG emissions from the existing building stock is critical in achieving decarbonization in Peninsula Clean Energy member communities.

In September 2018, the Board approved the PCE Program Roadmap, which identifies programs for 2019 and beyond to include measures on building electrification. In May 2020, the Board approved a four-year $6.1 million Existing Building Electrification plan for existing buildings covering appliance incentives, home upgrades for low-income households and supporting program elements including innovation pilots, administration and other needs.

PENINSULA CLEAN ENERGY

In March 2021, following a competitive selection process, the Board approved a $2,000,000 contract with Richard Heath and Associates (RHA) to implement PCE's Home Upgrade program to offer no-cost minor home repairs and electrification upgrades for low-income residents. The Home Upgrade program is a major element of PCE's underserved community support effort. In September 2021, the Board adopted a new target supporting the region in reaching 100% decarbonization in buildings and transportation by 2035 and directed staff to analyze the feasibility of that target and return with an assessment and plan. In September 2022, staff presented the findings from the 2035 Decarbonization Feasibility and Plan which included targets and program concepts for building decarbonization. The program concepts are being further developed and will be brought to the Board in the coming months.

When the Board approved this program in March 2021, the goal of the Home Upgrade program was to complete installation of an electrification measure and other repairs in approximately 200 homes. It was estimated that the average cost per home for upgrades would be approximately $6,500. The greenhouse gas savings were estimated at approximately 120 MTCO2e for the program.

Since its inception in Fall 2021, the Home Upgrade program has made significant progress. The goal to complete approximately 200 installations with the $2,000,000 approved in March 2021 is in progress. It is projected that 180 to 190 homes will receive repairs and an electrification measure, at an average cost of approximately $7,000. The below table summarizes the program's status as of the end of January 2023.

Stage/category	**#s as of January 31, 2023**
Leads	2,087
Reached	876
Pre-assessments	461
Enrolled and eligible	341
Installations in progress	62
Fully complete	115

The following table summarizes the number of electrification measures implemented on the fully complete homes.

Measure	**Count**
Heat pump water heater	43
Induction cooktop/range	28
Electric dryer	27
Central or mini split heat pump (HVAC)	3
Window or wall mounted heat pump (HVAC)	11
Portable heat pump (HVAC)	26

PENINSULA CLEAN ENERGY

DISCUSSION

The Home Upgrade program, launched in October 2021, is currently oversubscribed; all funding currently available has been reserved. The program has received high customer satisfaction (average 4.7 out of 5 satisfaction ranking) and has strong demand despite its very limited promotion. With the program being currently fully subscribed, interested customers are being placed on a waitlist in the order their applications are received.

The proposed contract amendment with RHA is proposed as an interim measure to serve low-income customers currently on the waiting list and to maintain program momentum while staff prepares an expanded program scope and request for proposals to be issued later this spring.

The contract amendment is for an additional $1,500,000 for one additional year of service. The contract amendment would do the following:

1. **Continue the Home Upgrade program in its current form:** the program currently offers some minor home repairs and one electrification measure per home. With the proposed amendment, the program would continue offering this level of service to income-qualified customers. The budget would first serve customers on the waitlist and then continue its limited targeted outreach and community-based organization partner referral.
2. **Incorporate 120v heat pump water heaters:** 120v heat pump water heaters (HPWH) are new “plug and play” equipment recently introduced to the market that may significantly reduce the installation cost of a HPWH. RHA has already installed some through their involvement in a statewide study of 120v HPWHs. PCE aims to further assess 5-10 of the water heaters in home upgrade homes.
3. **Whole home upgrades:** the longer-term vision for the electrification program is to provide whole home electrification services, which may include multiple electrification upgrades. In preparation for a scaled-up program, the amendment proposes doing 4-6 whole home projects. These tasks include the development of detailed design guidelines, documenting processes and issues, instrumenting and detailed evaluation, and developing policy and permitting recommendations to inform the next phase of the program. Staff will provide more detail on the prospective scaled-up program at the Board meeting in March.

The amendment will aim to serve an additional ~100 homes total, 4-6 of those receiving whole home electrification. Of the $1,500,000, $810,000 will be reserved for direct installation costs (equipment and labor), $300,000 for the implementation of the whole home and 120V water heater tasks, and $390,000 for the administration, which includes in person home assessments, high touch customer support, contractor management, and other tasks. The contract amendment would be through June 2024.

PENINSULA CLEAN ENERGY

FISCAL IMPACT

RHA budget amendment of $1,500,000 in FY23-24. Proposed expenditures are consistent with program department budget forecasts.

ALIGNMENT WITH 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

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

RESOLUTION NO. _____

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

* * * * * *

RESOLUTION DELEGATING AUTHORITY TO THE CHIEF EXECUTIVE OFFICER TO FINALIZE AND EXECUTE AN AMENDMENT WITH RHA TO INCREASE THE CONTRACT BY $1,500,000 FOR A TOTAL NOT TO EXCEED OF UP TO $3,500,000 AND EXTEND THE CONTRACT THROUGH JUNE 30, 2024

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 the adverse public wellbeing and economic impacts of climate change is an organizational priority for PCE; and

WHEREAS, natural gas usage in buildings account for 20% of directly inventoried GHG emissions within the County; and

WHEREAS, PCE provides low-carbon electricity that can power appliances for all building needs; and

WHEREAS, facilitating the replacement of natural gas appliances with electric appliances in existing buildings to reduce greenhouse gasses is part of PCE's program roadmap approved by the Board; and

WHEREAS, PCE Board approved an existing building electrification plan on May 2020, which included a Low-Income Home Upgrade and Electrification Program to provide a turnkey service for no-cost home repairs and upgrades and electrification for low-income single-family homes; and

WHEREAS, PCE issued a request for proposals on September 23, 2020 seeking proposals to administer and implement the Low-Income Home Upgrade and Electrification program ("Home Upgrade program"), including program design support, outreach and education, and installation management; and

WHEREAS, PCE contracted with Richard Heath & Associates, Inc. ("RHA") for administration of the Home Upgrade program; and

WHEREAS, the Home Upgrade program, launched in October 2021, is currently oversubscribed; all funding currently available has been reserved; and

WHEREAS, the program has received high customer satisfaction and has strong demand despite its very limited promotion; and

WHEREAS, RHA has performed well and PCE wishes to extend the contract as an interim measure to serve approximately 100 additional homes and maintain the program momentum while staff prepares an expanded program scope and request for proposals to be issued later this calendar year; and

NOW, THEREFORE, IT IS HEREBY DETERMINED AND ORDERED that the Board delegates authority to the Chief Executive Officer to finalize and execute the amendment with RHA to increase the contract by $1,500,000 for a total not-to-exceed of

up to $3,500,000 and extend the contract through June 30, 2024 in a form approved by the General Counsel.

* * * * * *

PENINSULA CLEAN ENERGY

AMENDMENT NO. 1 TO AGREEMENT BETWEEN PENINSULA CLEAN ENERGY AUTHORITY AND RICHARD HEATH & ASSOCIATES, INC.

THIS AMENDMENT TO THE AGREEMENT, entered into this ___ day of February 2023 by and between PENINSULA CLEAN ENERGY AUTHORITY, a California joint powers authority, hereinafter called "PCE," and Richard Heath & Associates, Inc., hereinafter called "Contractor";

W I T N E S S E T H:

WHEREAS, the parties entered into an Agreement on May 15th, 2021 for the purpose of Contractor's administering a low-income home electrification and upgrade program ("Agreement"); and

WHEREAS, the parties wish to amend the Agreement to increase the maximum amount by $1,500,000 to an amount not to exceed $3,500,000.

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

1. Exhibits A Section 4 is deleted and replaced with Attachment 1

2. Exhibit B Table 1 – Budget is deleted in its entirety and replaced with Attachment 2.

3. Exhibit C in Attachment 3 is appended.

4. Paragraph 1 Exhibits and Attachments is hereby replaced in its entirety as follows:

   The following exhibits and attachments are attached to this Agreement and incorporated into this Agreement by reference:
   Exhibit A Services (revised February _, 2023)
   Exhibit B Payments and Rates (revised February _, 2023)
   Exhibit C Confidentiality (added February _, 2023)

5. Paragraph 3 Payment is hereby replaced in its entirety as follows:

   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 three million and five hundred thousand

dollars ($3,500,000). 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 at the time of contract termination or expiration.

6. Paragraph 4 Term is hereby replaced in its entirety as follows:

   Subject to compliance with all terms and conditions, the term of this Agreement shall be from June 1, 2021 through June 30, 2024.

7. Paragraph 21 Confidentiality is hereby added as follows:

   21. Confidentiality
   Contractor must comply with customer confidentiality requirements, outlined in Exhibit C, which prohibit the sharing of confidential information.

8. **Except as expressly amended herein, all other provisions of the Agreement shall remain in full force and effect.**

9. **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: _____

By: _____

Name: _____

Title:_____

Dated: _____

Attachment 1

Exhibit A – Scope of Work (revised February __, 2023)

Objectives

1. Serve at least 300 income-qualified single-family homes over three years. (updated February __, 2023 to add 100 homes)

4 Additional Tasks

4.1 Install and Assess 120V Heat Pump Water Heaters

1. Establish a schedule and budget. Equipment and installation costs may not exceed costs of standard 240V HPWH installations.
2. Scoping:
    a. Gather and assess available data on 120V HPWHs, including performance.
    b. Provide recommendations on utilization including scenarios, products and other considerations.
    c. Develop and refine home eligibility and installation guidelines in consultation with PCE.
3. Identify appropriate homes.
4. Install 120V HPWHs in a minimum of 5 and maximum of 10 homes.
5. Install static (no wifi connection) monitoring devices with dataloggers in 5 HPWH's.
6. Evaluate results including installation costs, customer satisfaction, performance, and utility bill impacts. Summarize results in 4-5 page report.
7. Replace units with 240V HPWH if the performance is deficient, and customer is dissatisfied.

Deliverables

1. Schedule and budget
2. Recommendations on 120V water heaters
3. Home eligibility and guidelines
4. Installed systems
5. Evaluation of system performance and customer experience

4.2 Whole-Home Electrification Upgrades

1. Establish a schedule and budget for the Whole-Home project.

2. Gather and assess available data on whole-home electrification. In consultation with PCE, provide recommendations on approach, including potential novel technologies. as applicable, such as circuit splitters and combo systems.
3. Develop and refine home eligibility, design, and installation guidelines in consultation with PCE.
4. Develop customer collateral about home electrification in consultation with PCE.
5. Identify appropriate homes for whole-home upgrades utilizing outreach with community partners and screening eligibility for cost and other considerations.
6. Install systems and provide homeowner training as needed in 4 to 6 homes. At least 3 homes shall be fully electrified utilizing an existing 100 amp service if allowed by locally adopted building code. RHA to provide load calculations and service panel evaluations in the event 3 homes cannot be fully electrified using existing 100A electrical panel.
7. Assist contractors in completing electrical load calculations for building permits.
8. Document permitting and inspection processes, experiences, and timelines for whole-home electrification projects for different jurisdictions.
9. Evaluate results including installation costs, customer satisfaction, performance, and utility bill impacts. This may include installing energy monitoring devices with datalogging capability. Develop case studies for 3 to 4 homes detailing results.
10. Explore applicable building code, utility policy and customer implications of removing gas meter infrastructure and capping gas lines to the entire property for fully electrified homes.

Deliverables

1. Schedule and budget
2. Recommendations on whole home electrification
3. Home eligibility and guidelines
4. Conduct outreach and enrollment in pilot
5. Complete retrofit plans for approval
6. Complete retrofit installation and inspection
7. Evaluation of systems

5 Transition Tasks

PCE intends to run a competitive process to select the administrator of a scaled up turnkey electrification program, which will include no-cost electrification for income-qualified homes as the current Home Upgrade program provides now. If Consultant is not selected as administrator for scaled up program, Consultant shall work with PCE to transition the program on a mutually agreeable timeframe. In anticipation of such a transition, Consultant shall identify materials, systems, work product, etc. considered the intellectual property of Consultant, which Consultant will not disclose to a subsequent administrator. Consultant will dedicate up to 15 hours training a subsequent administrator billed at agreed upon time and material rates.

6 Schedule

Task	Months from contract execution
1. Administrative tasks (task 1)	Month 1 – 30
2. Program Design and Start up (task 2)	Month 1 - 4
3. Outreach, education, enrollment (task 3.1)	Month 4 – 30
4. Installation management & site support (task 3.2)	Month 6 – 37
5. Additional Tasks	Month 20 - 37
6. Project evaluation (task 3.3)	Month 8 – 37

Attachment 2

Exhibit B – Payment and Rates (revised February ___, 2023)

Table 1 – Budget

Budget Category	Maximum Amount by Category	Payment Schedule
Program design and start-up fee (task 2)	$75,000	• $40,000 when technical design guidelines document is completed (2.2.8) • $35,000 when program is launched, and outreach begins (3.1)
Ongoing program outreach, technical analysis, field support, customer and contractor coordination, and administrator (task 1 and 3)	Not to exceed $1,000,000	Monthly – invoiced based on time and hourly rates in Table 2
Direct installation costs including equipment and labor (task 3.2)	Not to exceed $2,120,000	Monthly – direct installation costs for homes completed in that month as invoiced by subcontractors
120V HPWH, administration only (task 4.1)	Not to exceed $45,000	Monthly – invoiced based on time and hourly rates in Table 2
Whole Home Upgrades, installation and administration (task 4.2)	Not to exceed $260,000	Monthly – direct installation costs for homes completed in that month as invoiced by subcontractors and administration cost invoiced based on time and hourly rates in Table 2
Total Maximum Budget	$3,500,000	Remaining funds may be allocated at PCE discretion to project tasks

Table 2 – Consultant Hourly Rates

Program Role	Hourly Rates
Program Manager	$90.07
Coordinator III	$77.15
Energy Field Technician	$116.60
Application Developer II	$118.75
Outreach Coordinator	$46.43

IT Supervisor	$107.74
Engineer III	$113.70
Senior Analyst	$110.13

Attachment 3

Exhibit C
NON-DISCLOSURE AGREEMENT BETWEEN PENINSULA CLEAN ENERGY AND CONTRACTOR REGARDING CONFIDENTIAL CUSTOMER INFORMATION

As used herein PCE and Contractor may each be referred to individually as a "Party" and collectively as "Parties." The provisions of this Agreement and PCE's Customer Confidentiality Policy govern the disclosure of PCE's confidential customer information to Contractor ("Disclosure Provisions").

The Parties hereby mutually agree that:

1. Subject to the terms and conditions of this Agreement, current proprietary and confidential information of PCE regarding customers of PCE ("PCE Customers") may be disclosed to Contractor from time to time in connection herewith as provided by the Disclosure Provisions and solely for the purposes set forth in Exhibit A. Such disclosure is subject to the following legal continuing representations and warranties by Contractor:

    (a) Contractor represents and warrants that it has all necessary authority to enter into this Agreement, and that it is a binding enforceable Agreement according to its terms;

    (b) Contractor represents and warrants that the authorized representative(s) executing this Agreement is authorized to execute this Agreement on behalf of the Contractor; and

    (c) Contractor confirms its understanding that the information of PCE Customers is of a highly sensitive confidential and proprietary nature, and that such information will be used as contemplated under the Disclosure Provisions solely for the purposes set forth in Exhibit A and that any other use of the information is prohibited.

2. Contractor represents and warrants that it will implement and maintain reasonable security procedures and practices appropriate to the nature of the information, to protect the personal information from unauthorized access, destruction, use, modification, or disclosure, and prohibits the use of the data for purposes not set forth in Exhibit A.

3. The confidential and proprietary information disclosed to Contractor in connection herewith may include, without limitation, the following information about PCE Customers: (a) names; (b) addresses; (c) telephone numbers and email addresses; (d) service agreement numbers and account numbers; (e) meter and other identification numbers; (f) PCE-designated account numbers; (g) electricity and gas usage (including monthly usage, monthly maximum demand, electrical or gas consumption, HP load, and other data detailing electricity or gas needs and patterns of usage); (h) billing information (including rate schedule, baseline zone,

CARE participation, end use code (heat source) service voltage, medical baseline, meter cycle, bill cycle, balanced payment plan and other plans); (i) payment / deposit status; (j) number of units; and (k) other similar information specific to PCE Customers individually or in the aggregate (collectively, "Confidential Information"). Confidential Information shall also include specifically any copies, drafts, revisions, analyses, summaries, extracts, memoranda, reports and other materials prepared by Contractor or its representatives that are derived from or based on Confidential Information disclosed by PCE, regardless of the form of media in which it is prepared, recorded or retained but, for the avoidance of doubt, shall not include any anonymized data and/or aggregated findings.

4. Except for electric and gas usage information provided to Contractor pursuant to this Agreement, Confidential Information does not include information that Contractor proves (a) was properly in the possession of Contractor at the time of disclosure; (b) is or becomes publicly known through no fault of Contractor, its employees or representatives; or (c) was independently developed by Contractor, its employees or representatives without access to any Confidential Information.

5. From the Effective Date, no portion of the Confidential Information may be disclosed, disseminated or appropriated by Contractor, or used for any purpose other than the purposes set forth in Exhibit A.

6. Contractor shall, at all times and in perpetuity, keep the Confidential Information in the strictest confidence and shall take all reasonable measures to prevent unauthorized or improper disclosure or use of Confidential Information. Contractor shall implement and maintain reasonable security procedures and practices appropriate to the nature of the information, to protect the personal information from unauthorized access, destruction, use, modification, or disclosure and prohibits the use of the data for purposes not set forth in Exhibit A. Specifically, Contractor shall restrict access to Confidential Information, and to materials prepared in connection therewith, to those employees or representatives of Contractor who have a "need to know" such Confidential Information in the course of their duties with respect to the Contractor program and who agree to be bound by the nondisclosure and confidentiality obligations of this Agreement. Prior to disclosing any Confidential Information to its employees or representatives, Contractor shall require such employees or representatives to whom Confidential Information is to be disclosed to review this Agreement and to agree to be bound by the terms of this Agreement. Contractor shall not disclose Confidential Information or otherwise make it available, in any form or manner, to any other person or entity that is not Contractor's employee or representative (a "Third Party"), except where PCE has provided express written consent to Contractor to disclose Confidential Information to a Third Party and that Third Party has separately entered into a nondisclosure agreement with PCE.

7. Notwithstanding Paragraph 5 above, Contractor may disclose Confidential Information to the extent required by an order, subpoena, or lawful process requiring the disclosure of such Confidential Information issued by a court or other governmental authority of competent jurisdiction, provided that Contractor notifies

PCE immediately upon receipt thereof to allow PCE to seek protective treatment for such Confidential Information.

8. Contractor shall immediately notify PCE if it reasonably believes that there has been unauthorized access to the Confidential Information by a non-authorized person and/or entity that could reasonably result in the use, disclosure, or theft of the Confidential Information.

9. It shall be considered a material breach of this Agreement if Contractor engages in a pattern or practice of accessing, storing, using, or disclosing the Confidential Information in violation of the contractual obligations described herein. Contractor understands that if PCE finds that Contractor is engaged in a pattern or practice of accessing, storing, using, or disclosing Confidential Information in violation of this Agreement PCE shall promptly cease all disclosures of Confidential Information to Contractor. Contractor further understands that if PCE receives a customer complaint about Contractor's misuse of data or other violation of the Disclosure Provisions, PCE shall promptly cease disclosing that customer's information to Contractor and shall notify the California Public Utilities Commission of the complaint.

10. Contractor shall be liable for the actions of, or any disclosure or use by, its employees or representatives contrary to this Agreement; however, such liability shall not limit or prevent any actions by PCE directly against such employees or representatives for improper disclosure and/or use. In no event shall Contractor or its employees or representatives take any actions related to Confidential Information that are inconsistent with holding Confidential Information in strict confidence. Contractor shall immediately notify PCE in writing if it becomes aware of the possibility of any misuse or misappropriation of the Confidential Information by Contractor or any of its employees or representatives. However, nothing in this Agreement shall obligate the PCE to monitor or enforce the Contractor's compliance with the terms of this Agreement.

11. Contractor shall comply with the consumer protections concerning subsequent disclosure and use set forth in Attachment B to California Public Utilities Commission (CPUC) Decision No. 12-08-045.

12. Within ten (10) business days of receipt of PCE's written request, and at PCE's option, Contractor will either return to PCE all tangible Confidential Information, including but not limited to all electronic files, documentation, notes, plans, drawings, and copies thereof, or will provide PCE with written certification that all such tangible Confidential Information of PCE has been destroyed.

13. Contractor acknowledges that disclosure or misappropriation of any Confidential Information could cause irreparable harm to PCE and/or PCE Customers, the amount of which may be difficult to assess. Accordingly, Contractor hereby confirms that the PCE shall be entitled to apply to a court of competent jurisdiction or the California Public Utilities Commission for an injunction, specific performance or such other relief (without posting bond) as may be appropriate in the event of improper disclosure or misuse of its Confidential Information by Contractor or its

employees or representatives. Such right shall, however, be construed to be in addition to any other remedies available to the PCE, in law or equity.

14. In addition to all other remedies, Contractor shall indemnify and hold harmless PCE, its officers, employees, or agents from and against and claims, actions, suits, liabilities, damages, losses, expenses and costs (including reasonable attorneys' fees, costs and disbursements) attributable to actions or non-actions of Contractor and/or its employees and/or its representatives in connection with the use or disclosure of Confidential Information.

15. When Contractor fully performs the purposes set forth in Exhibit A, or if at any time Contractor ceases performance or PCE requires Contractor cease performance of the purposes set forth in Exhibit A, Contractor shall promptly return or destroy (with written notice to PCE itemizing the materials destroyed) all Confidential Information then in its possession at the request of PCE. Notwithstanding the foregoing, the nondisclosure obligations of this Agreement shall survive any termination of this Agreement.

16. This Agreement shall be binding on and inure to the benefit of the successors and permitted assigns of the Parties hereto. This Agreement shall not be assigned, however, without the prior written consent of the non-assigning Party, which consent may be withheld due to the confidential nature of the information, data and materials covered.

17. This Agreement sets forth the entire understanding of the Parties with respect to the subject matter hereof, and supersedes all prior discussions, negotiations, understandings, communications, correspondence and representations, whether oral or written. This Agreement shall not be amended, modified or waived except by an instrument in writing, signed by both Parties, and, specifically, shall not be modified or waived by course of performance, course of dealing or usage of trade. Any waiver of a right under this Agreement shall be in writing, but no such writing shall be deemed a subsequent waiver of that right, or any other right or remedy.

18. This Agreement shall be interpreted and enforced in accordance with the laws of the State of California, without reference to its principles on conflicts of laws.

PENINSULA CLEAN ENERGY AUTHORITY
JPA Board Correspondence

DATE: February 17, 2023
BOARD MEETING DATE: February 23, 2023
SPECIAL NOTICE/HEARING: None
VOTE REQUIRED: None

TO: Honorable Peninsula Clean Energy Authority Board of Directors

FROM: Kirsten Andrews-Schwind, Senior Manager of Community Relations & Vanessa Shin, Community Outreach Specialist

SUBJECT: Update on Community Outreach Grants

BACKGROUND

Since 2018 Peninsula Clean Energy has awarded six rounds of grants to strengthen partnerships with community-based organizations (CBOs) and to expand our overall outreach. Through diverse approaches to in-person and digital outreach, grant recipients increase awareness of Peninsula Clean Energy programs and bill discounts as well as provide education to customers on clean energy, building electrification, and electric vehicles. The current grant period runs from January 1 through December 31, 2023.

Outreach grants have enhanced Peninsula Clean Energy's ability to reach low-income and underserved communities. Many grant recipients operate in multiple languages, and they leverage their organizational platform, relationships, and expertise to deploy targeted outreach to difficult-to-reach audiences. Throughout the COVID-19 pandemic, these grants have helped bridge critical gaps in our own outreach. As trusted messengers embedded in the local community, grantees have also provided Peninsula Clean Energy staff with insights about our customers and feedback on our programs.

DISCUSSION

Peninsula Clean Energy's outreach grant program was developed after the organization commissioned research in 2018 into the demographics of customers who were opting out of our service. We found a growing trend of opt-outs among low-income residents and people of color. In response we started a six-month pilot outreach grant program in 2018, granting $10,000 each to five local CBOs to focus on reaching this target population. Grantees communicated messages about Peninsula Clean Energy's bill

savings, as well as how to avoid utility disconnections by signing up for other discount and energy assistance programs. Grantees were selected through an open and competitive Request for Proposal (RFP) process, with an emphasis on serving diverse populations throughout San Mateo County especially in communities with high opt-out rates.

Six applications were received in the RFP process and five were funded. These pilot grants were awarded to El Concilio for countywide outreach in Spanish, Sound of Hope radio for countywide radio spots in Mandarin and Cantonese, Rebuilding Together Peninsula for outreach with their low-income home repair program, Pacifica Resource Center to reach low-income populations on the coast and North County, and Acterra for their outreach work partnering with residents of East Palo Alto.

The 2018 outreach grant pilot was deemed successful after all grantee organizations completed their workplans. Monthly opt-out rates also decreased significantly in this first grant period and have remained low since, though it is difficult to measure the direct influence of the grants on opt-out trends. The grant program has the added benefit of strengthening Peninsula Clean Energy's relationships and dialog with key CBOs and supporting their overall outreach capacity in their communities. Peninsula Clean Energy's outreach grant program has been replicated by East Bay Community Energy and other CCAs.

Based on the success of its pilot grants, Peninsula Clean Energy launched another RFP for a full-scale $170,000 outreach grant program that provided up to $40,000 each to five organizations for a 12-month grant period from the fall of 2019 through 2020. In this round the scope was expanded to educating residents about Peninsula Clean Energy's programs, including green early adopters as an additional target audience. Despite the challenges raised by COVID requirements impacting in-person outreach opportunities, this round of grants was also deemed successful as organizations pivoted to more digital outreach as well as leveraging essential in-person interactions such as emergency food distributions to reach vulnerable members of our community.

During the 2019-2020 round of grants, we received proposals from organizations that already had a relationship with Peninsula Clean Energy. To expand our reach further to new audiences, we conducted significant additional outreach for our 2021 RFP. In response, the number of applications more than doubled to 17. Peninsula Clean Energy also doubled the funding for the program to respond to this increased interest from new organizations, especially those reaching our Spanish-speaking population and our state-designated Disadvantaged Community (DAC) census tracts. Enhancing our collaboration with this expanded cohort of grantees in 2021, Peninsula Clean Energy instituted new support for sharing our evolving program messaging including:

- Regular grantee coordination calls to update them on new program details
- Posting communication toolkits and social media content to shared folders
- Encouraging grantee collaboration such as cross-promoting each other's services, events, and videos

In 2022, Peninsula Clean Energy funded 12 outreach grants totaling $310,000 to 11 nonprofits. Some highlights from the 2022 grant cycle include:

- El Concilio provided education about Peninsula Clean Energy or supported enrollment in energy discounts for over 3,000 clients.
- Climate Resilient Communities, Nuestra Casa, Senior Coastsiders, and Support Life Foundation distributed thousands of Peninsula Clean Energy fliers about energy discounts to low-income residents through food pantries, meal deliveries, and other social services. These organizations provided outreach in multiple languages, including Spanish, Chinese, Tongan, Samoan, Arabic, and Farsi.
- Casa Circulo Cultural engaged its youth to make videos in Spanish about Peninsula Clean Energy's electric generation savings, which were promoted through radio and broadcast at community events.
- Sound of Hope ran radio ads on their Mandarin and Cantonese language radio stations, digital ad campaigns on popular Chinese websites, and created videos in Chinese about Peninsula Clean Energy programs, including Zero Percent Loan and heat pump appliance rebates.
- Acterra educated residents in building electrification and bilingual (English and Spanish) electric vehicle workshops. Sustainable San Mateo County invited Peninsula Clean Energy speakers to share our initiatives through interactive events and a building electrification photo and video contest. Thrive Alliance provided education on climate action through monthly events and their inaugural Climate Summit.

In 2023, Peninsula Clean Energy will partner with 13 organizations, awarding $415,000 across 14 grants. We will collaborate with 4 new organizations, including one serving customers in Los Banos. In addition to advancing our original goals around outreach and awareness, this cohort of grants will address new priorities and commitments:

- Supporting a regional approach to community climate action goal-setting through partnering with grantees to host public workshops
- Addressing Diversity, Equity, Inclusion, and Accessibility (DEAI) goals and commitment to energy equity, including through:
  - Expanding reach to new communities (e.g., Daly City)
  - Partnering on focus groups to understand community needs and inform messaging and program development
  - Increasing in-person enrollment support for energy discounts & programs across our service area

The table below summarizes the outreach grants in both 2022 and 2023.

Organization	Grant Description	2022 Grant	2023 Grant
350 Silicon Valley	Public education and engagement about building electrification, electric vehicles, and climate action throughout San Mateo County.	--	$20K
Acterra – Building Electrification	Virtual workshops on rooftop solar + storage, heat pump heating and cooling, heat pump water heaters, and induction cooking for San Mateo County residents.	$20K	$25K
Acterra – Electric Vehicles	Electric vehicle education workshops in English, Spanish, and Chinese. Incudes free individual EV purchasing consultations in 2022 for customers in San Mateo County and Los Banos.	$30K	$40K
Casa Circulo Cultural	Outreach through newsletter, radio, social media, webinars, and classes; videos in Spanish through Youth Media Project and Peninsula 360 Press. Focus on Redwood City and North Fair Oaks.	$40K	--
Climate Resilient Communities	Community outreach in English, Spanish, Tongan, and Samoan and case management for Home Upgrade program. Focus on East Palo Alto, North Fair Oaks, and Belle Haven.	$20K	$35K
Cultiva La Salud	Spanish-language community outreach, focus groups, and enrollment support for energy bill discounts and Peninsula Clean Energy programs in Los Banos.	--	$30K
El Concilio	English and Spanish-language outreach and energy discount and program enrollment assistance in English and Spanish throughout San Mateo County.	$20K	$30K
HealthWays	Outreach, program enrollment support, and focus groups and workshops in northern San Mateo County in English and Tagalog.	--	$30K
Nuestra Casa	Community outreach about utility bill discounts and Peninsula Clean Energy programs in East Palo Alto and surrounding communities, offered in Spanish and English.	$20K	$30K
Peninsula Family Service	Assistance in English and Spanish for income-qualified residents of San Mateo County for purchasing and financing used electric vehicles as well as other community engagement.	--	$25K
Rise South City	Community outreach in English and Spanish in South San Francisco, including enrollment assistance in energy discounts and programs.	$20K	--

Senior Coastsiders	Outreach to older adults and other residents in Half Moon Bay and Pacifica about energy bill discounts, home energy assistance, and other programs.	$30K	$35K
Sound of Hope	Education about Peninsula Clean Energy programs through radio, video, web ads, and in-person workshops in Mandarin and Cantonese throughout San Mateo County.	$40K	$45K
Support Life Foundation	Multi-lingual outreach at food distribution and community events in languages including English, Arabic, and Urdu. Focus on northern San Mateo County.	$20K	$15K
Sustainable San Mateo County	Events and workshops to engage San Mateo County residents and community stakeholders in Peninsula Clean Energy's mission to reduce greenhouse gas emissions locally.	$20K	$30K
Thrive Alliance	Education and engagement and education of non-profit and community leaders throughout San Mateo County about Peninsula Clean Energy programs.	$30K	$25K
	Total Across All Outreach Grants	**$310K**	**$415K**

STRATEGIC PLAN

The Community Outreach Grant program supports the strategic Marketing and Customer Care Goal to "develop a strong brand reputation that drives participation in Peninsula Clean Energy's programs while ensuring customer satisfaction." The program works toward Marketing Objective B of the strategic plan to "educate and engage stakeholders in order to gather input, inspire action, and drive program participation." It specifically addresses Key Tactic 1 of that objective: to "foster relationships with community-based, faith-based, and non-profit organizations." Through the 2022 and 2023 grant cycles, we have engaged with 15 different non-profit organizations.

PENINSULA CLEAN ENERGY

PENINSULA CLEAN ENERGY AUTHORITY
JPA Board Correspondence

DATE: February 9, 2023
BOARD MEETING DATE: February 23, 2023
SPECIAL NOTICE/HEARING: None
VOTE REQUIRED: None

TO: Honorable Peninsula Clean Energy Authority Board of Directors

FROM: Kirsten Andrews-Schwind, Senior Manager of Community Relations & Leslie Brown, Director of Account Services

SUBJECT: Update on Marketing, Outreach Activities, and Account Services

BACKGROUND

The Marketing, Community Relations, and Account Services 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. Please refer to the "Strategic Plan" section below for further information/explanation as to how these activities support Peninsula Clean Energy's strategic plan objectives.

Zero Percent Loan Program and Heat Pump Rebates
These programs are being promoted in our Energy Programs Bulletin, which is emailed semi-monthly to about 200,000 residential customers, and in paid search. In the last 30 days, 821 users visited the Zero Percent Loan webpage, 2,072 visited the heat pump water heater program page and 2,273 visited the heat pump heating and cooling program page.

Electrification Messaging and Campaign Support of Decarbonization
We have begun to roll out messaging encouraging electrification in email communications and online advertising. In the last 30 days, 2,283 users have visited our all-electric home web page. The campaign will support our organizational priority to contribute to our

community reaching a goal of 100% greenhouse gas-free for buildings and transportation by 2035.

Used Electric Vehicle (EV) Campaign
In the past 30 days, 2,284 users visited the main EV page on our web site. A search advertising campaign addressing barriers and benefits of electric vehicles, underway since November 2021, was paused through most of December. We restarted the campaign again in January. It is currently achieving a click-through rate of 4.68% at a cost of $2.21 per click.

All-Electric Leader Awards Program
The awards selection committee, comprised of building electrification experts, reviewed all the submissions and decided the award winners on January 10. Award winners will be notified in the next couple of weeks and awards will be presented at the Sustainable San Mateo County annual to take place in-person at the College of San Mateo on March 30, 2023.

Outreach Grants
We released a press release announcing the awardees of the 2023 round of this highly successful program, which provides grants to local community-based non-profit organizations that reach out to diverse and hard-to-reach segments of our population. Staff provided an initial training for all the grantee organization staff in English, and is following up with specific trainings for each organization's volunteers in English and Spanish. More details are included in the Outreach Grant Board Memo.

Los Banos Update
Peninsula Clean Energy staff provided a Spanish-language in-person training for our new Los Banos outreach grantee, Cultiva la Salud. Our local Los Banos representative Sandra Benetti continues providing information and answering customer questions. She is tabling twice monthly on bill pay dates at Los Banos City Hall, gave presentations at local high schools and community groups, and drafted an article for a local newspaper about rates and billing. She is also conducting outreach to eligible local public agencies about the GovPV program, and to local businesses and developers about EV charging support.

24x7 Renewable Energy Whitepaper 2.0 Release
The Marketing staff worked closely with the Power Resources team to finalize a new whitepaper describing the modeling Peninsula Clean Energy developed to match electricity demand with renewable energy supply 24 hours a day. The resulting press release garnered significant coverage in industry and local media, and resulted in a number of speaking opportunities. Details on coverage are included in the Media Relations Board memo.

News & Media
Full coverage of Peninsula Clean Energy in the news can be found on our News & Media webpage.

ENROLLMENT UPDATE

ECO100 Statistics (since January report)

Total ECO100 accounts at end of January:	6,469
ECO100 accounts added in January:	162
ECO100 accounts dropped in January:	88
Total ECO100 accounts at the end of December:	6,395

Enrollment Statistics

Opt-outs during January 2023 were 282, which is 38 fewer than the previous month of December 2022 (320). This includes 208 opt outs in our new service territory of Los Banos during the month of January and 74 from San Mateo County during this month. In February, there have been an additional 32 opt outs from Los Banos and 17 opt outs from San Mateo County as of February 6th, 2023. Total participation rate across all of San Mateo County as of February 6th was 96.99%. The participation rate for the City of Los Banos as of the end of January 2023 was 90.37%.

In addition to the County of San Mateo, there are a total of 15 ECO100 cities which means they have elected to receive 100% renewable energy for their municipal accounts. As of February 13, 2023, the ECO100 towns and cities 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 as of Fevruary 6th							
TOT	RES Count	COM Count	Active Count	Eligible Count	Participation Percent	ECO100 Count	ECO100 Percent
ATHERTON INC	2408	220	2628	2695	98%	61	2%
BELMONT INC	10714	906	11620	11943	97%	164	1%
BRISBANE INC	1965	492	2457	2529	97%	90	4%
BURLINGAME INC	13370	1950	15320	15690	98%	349	2%
COLMA INC	576	293	869	883	98%	32	4%
DALY CITY INC	30882	1964	32846	34016	97%	114	0%
EAST PALO ALTO INC	7101	446	7547	7993	94%	26	0%
FOSTER CITY INC	13696	858	14554	14865	98%	330	2%
HALF MOON BAY INC	4201	630	4831	4979	97%	115	2%
HILLSBOROUGH INC	3794	142	3936	4038	97%	71	2%
LOS BANOS INC	12,520	1,278	13,798	15,277	90%	4	0%
MENLO PARK INC	14036	1711	15747	16042	98%	530	3%
MILLBRAE INC	8786	640	9426	9734	97%	112	1%
PACIFICA INC	13986	862	14848	15420	96%	181	1%
PORTOLA VALLEY INC	1460	132	1592	1689	94%	1491	94%
REDWOOD CITY INC	31490	3307	34797	35644	98%	717	2%
SAN BRUNO INC	14763	1066	15829	16502	96%	94	1%
SAN CARLOS INC	12223	2060	14283	14658	97%	321	2%
SAN MATEO INC	39690	3858	43548	44740	97%	690	2%
SO SAN FRANCISCO INC	21403	3077	24480	25442	96%	123	1%
UNINC SAN MATEO CO	20831	2968	23799	24625	97%	645	3%
WOODSIDE INC	2002	215	2217	2272	98%	62	3%

Table reflects data as of February 6th, 2023

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.

Item/Project	**Objective A**: Elevate Peninsula Clean Energy's brand reputation as a trusted leader in the community and the industry	**Objective B**: Educate and engage stakeholders in order to gather input, inspire action and drive program participation	**Objective C**: Ensure high customer satisfaction and retention
Social Media Policy	KT3 Tell the story of Peninsula Clean Energy through diverse channels		
Zero Percent Loan and Heat Pump Rebates programs		KT6: Promote programs and services, including community energy programs and premium energy services	
Electrification Messaging Project		KT5: Provide inspirational, informative content that spurs action to reduce emissions.	
EV Campaign		KT6 (see above)	
All-Electric Leader Awards		KT6 (see above)	
Los Banos Update	KT4: Engage community through participation in local events	KT6 (see above)	
Los Banos Update	KT4: Engage community through		

	participation in local events		
News and Media Announcements	KT1: Position leadership as experts on CCAs and the industry KT2: Cultivate relationships with industry media and influencers KT3 (see above)		
ECO100 and Enrollment Statistics			Reports on main objective C

* “KT” refers to Key Tactic

PENINSULA CLEAN ENERGY AUTHORITY
JPA Board Correspondence

DATE: February 17, 2023
BOARD MEETING DATE: February 26, 2023
SPECIAL NOTICE/HEARING: None
VOTE REQUIRED: None

TO: Honorable Peninsula Clean Energy Authority Board of Directors

FROM: KJ Janowski, Director, Director of Marketing and Community Relations
Darren Goode, Media Relations Consultant

SUBJECT: 24/7 White Paper, Fourth Quarter (Q4) 2022 Media Relations Summary

BACKGROUND

Media Relations, a specialization within the Marketing discipline, focuses on enhancing Peninsula Clean Energy's reputation and leadership position by garnering earned media attention. This is a recap of the extensive effort that led to January's release and promotion of the groundbreaking MATCH modeling and white paper demonstrating our cost-competitive and utility sector-leading effort to provide 100 percent renewable electricity on an hourly basis by 2025. It also includes the fourth and final of a series of quarterly reports on overall media relations activities and coverage for calendar year 2022.

DISCUSSION

Spotlighting 24/7 Renewable Power

We issued our Jan. 10 press release announcing our new MATCH 24/7 renewable model and white paper, including quotes from external advisors Jesse Jenkins of Princeton and Mark Dyson of RMI.

Following an extensive early outreach effort, we have received substantial and overwhelmingly positive coverage from influential energy journalists and outlets, so far totaling seven articles and two podcast interviews featuring Peninsula Clean Energy CEO Jan Pepper:

Bloomberg — Round-the-clock clean power doesn't cost a fortune, study shows

CANARY MEDIA	24/7 carbon-free energy is about to become a reality in California (Jan was interviewed)
GreenBiz	24/7 carbon-free energy could be cheaper than you think
S&P Global	California aggregator aims to lead U.S. energy transition with 24/7 renewables plan (Jan was interviewed)
CALIFORNIA ENERGY MARKETS	Newly released modeling tool validates PCE energy procurement approach
THE DAILY JOURNAL	PCE report touts renewable energy future (Jan was interviewed)
pv magazine	CCA must procure 1,300 GWh of supply to meet last 37 GWh of demand
Volts	An energy provider attempts to achieve 24/7 clean energy (Jan was interviewed in the podcast)
The POWER Podcast	Is delivering 100% renewable energy on an hourly basis at cost-competitive rates achievable? (Jan was interviewed in the podcast)

The white paper was also posted on Power Magazine's website and OurEnergyPolicy's online library.

As a direct result of the coverage, Jan was invited to virtually discuss the white paper at the Jan. 25 24/7 Carbon-Free Energy (CFE) Business Hub gathering hosted by European power sector association Eurelectric. We also received an inquiry to discuss the MATCH model from a National Renewable Energy Laboratory official who heard Jan's Volts podcast interview. A representative from Canada's Office of the Minister of Environment and Climate Change also reached out to discuss potential collaboration following the white paper's release.

Jan spoke about 24/7 renewables at the Code Red for Humanity webinar hosted by Acterra and is scheduled to speak about solar, storage and grid reliability at March's 2023 CivicWell Policymakers Conference and on a CCA clean energy procurement panel at the California Clean Energy Procurement Summit in May.

The white paper was submitted for consideration for the 2023 Power Conference hosted by the Energy Institute of Haas in March but was not selected for this conference. We

are actively working to secure additional event opportunities for Jan and others. That includes Sara Maatta being added to the early list of programming ideas for September's Renewable Energy Markets 2023 gathering in Washington, D.C.

Ahead of the white paper's release, Shawn Marshall gave a keynote address at New Project Media's US Energy Storage Development Forum about our storage activities and needs, including how it ties into our 24/7 renewable power effort. Jan was a panelist at the Wind Power Finance & Investment Summit regarding how to use wind to help meet renewable targets and what further support is necessary.

2022 Fourth Quarter Highlights

1. Electric Appliance Zero-Percent Loan, Rebate Announcement
We announced our Zero-Percent Loan program and available rebates for homeowners to install electric appliances and make other upgrades. The San Mateo Daily Journal interviewed Jan and posted a positive story. It was also shared by Half Moon Bay Review and Patch.com.

2. Green Access Solar Project Joint Release
We jointly announced with Renewable America our new Dos Palos solar project that will be part of our Green Access program, providing more than 1,000 disadvantaged customers in San Mateo County and Los Banos with solar power and a 20-percent savings on their electricity bill. The press release was shared and otherwise mentioned in several trade publications, including Solar Power World, Solar Builder, List Solar and PublicCEO.

3. All-Electric Building Awards Joint Release
We jointly announced with the New Buildings Institute a call for entries for our third-annual awards program showcasing all-electric commercial and residential building innovation. It was shared by Patch.com.

4. Lyft Program Milestone
We have drafted and worked with Lyft on a joint release with Lyft about reaching an important milestone in the Ride-Hail Electrification Pilot Program. The release will be pushed to when the program reaches 250,000 rides, likely in early 2023.

5. Rafael's Canary Media and Almanac Interviews
Canary Media's Jeff St. John interviewed Rafael about our zero-interest electric home upgrade loans and where else that idea is gaining traction. Jeff is still working on a story. Rafael also spoke with Almanac reporter Angela Swartz about Atherton's reach code and was quoted in her article.

6. Phillip EV Charging Conference Opportunity
We secured Phillip as a panelist at the EV Charging Summit and Expo March 31 in Las Vegas. He will specifically be part of a discussion on "Best Practices in New Construction and Retrofits." We are further working with event organizers for additional cross-promotional opportunities.

7. New Project Media
Jan spoke with New Project Media's Jillian Farmer regarding the 2023 Renewable Energy and Storage RFO released in December. Jillian and Jan spoke about how it fits in with our 24/7 goals.

8. More Media
Portola Valley council members say goodbye, new council sworn in - The Almanac, Dec. 20
Stricter electric codes heading to Redwood City, San Mateo Daily Journal, Dec. 1
HMB climate plan draft expected in December, Half Moon Bay Review, Nov. 16
Burlingame moves toward electrification, San Mateo Daily Journal, Nov. 14
South City has its focus on the cost of electrification, San Mateo Daily Journal, Nov. 9
Half Moon Bay plugs away on electrification, San Mateo Daily Journal, Nov. 3
Redwood City set to expand gas restrictions, San Mateo Daily Journal, Oct. 28
Two candidates aim to represent largest district in San Mateo County, The Almanac, Oct. 17
Big response to Sunnova's microutility plan in California, Microgrid Knowledge, Oct. 17
Major utilities oppose Sunnova's 'micro-utility' microgrid proposal at CPUC, Utility Dive, Oct. 12
Six running for two San Bruno council seats, San Mateo Daily Journal, Oct. 12
Flipping the switch on all-electric housing, KneeDeep Times, Sept. 21

STRATEGIC PLAN

This section describes how Media Relations activities relate to the overall goal and objectives laid out in the strategic plan. Media Relations 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. Media Relations' efforts relate specifically to Objectives A and B in the strategic plan. ("KT" refers to Key Tactic.)

Item/Project	**Objective A**: Elevate Peninsula Clean Energy's brand reputation as a trusted leader in the community and the industry	**Objective B**: Educate and engage stakeholders in order to gather input, inspire action and drive program participation
24/7 White Paper and Items 2, 3, 7, 8	KT1: Position leadership as experts on CCAs and the industry	
24/7 White Paper, Item 5	KT2: Cultivate relationships with industry media and influencers	
24/7 White Paper and Items 1-8	KT3: Tell the story of Peninsula Clean Energy through diverse channels	
Items 1, 3		KT5: Provide inspirational, informative content that spurs action to reduce emissions

Item No. 15

PENINSULA CLEAN ENERGY AUTHORITY
JPA Board Correspondence

DATE: February 10, 2023
BOARD MEETING DATE: February 23, 2023
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, Senior Regulatory Analyst
Zsuzsanna Klara, Regulatory Compliance Analyst

SUBJECT: Update Regarding Regulatory Policy Activities

SUMMARY

Jeremy continues to direct the team, oversee key proceedings relating to the Power Charge Indifference Adjustment (PCIA) and annual rate adjustments. Doug has been particularly heavily focused on work to reform the California Public Utilities Commission's (CPUC) Resource Adequacy construct and concepts for ensuring resources are procured within the IRP construct. Matthew has continued his work in supporting PCE's programmatic efforts through Transportation Electrification, Building Decarbonization, Resiliency, Supplier Diversity, and DAC-Green Tariff matters. Zsuzsanna worked with the Power Resources and the Programs team on coordinating the filings due in February and March.

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Regulatory Compliance

In January Zsuzsanna primarily focused on coordinating the collection of necessary data for the DAC-GT quarterly and CSGT biannual filing, and for the Annual DAC-GT Budget Advice Letter (ABAL). She worked with Matthew on the DAC-GT ABAL budget workpaper. The ABAL submission date has been extended to 04/03/2023.

Zsuzsanna coordinated the filings of data requests for the Power Resources team and the Programs for having up-to-date information about the status of the monthly ongoing filings and the February and March due filings.

In February/March the main compliance obligations are the following:

- Procurement Status Report Data Request /Summer Reliability Data Request
- Emission Performance Standard Letter
- RA / PCIA Semi Annual Report
- QFER quarterly report – 1306B filing
- CA RPS Compliance Period 3 (2017-2020) Filing (CPUC) - Due TBD
- GO156 Supplier Diversity Report
- 2023 Padilla Report Data Request
- VGI Programs and Pilot Metrics – annual report

High Methane Gas Prices and Implications for Customers' Rates

While the annual adjustment to PG&E's generation and PCIA rates has recently run its course for 2023, there has been a great deal of concern and political attention to the record high methane gas prices in wholesale markets that have persisted through the recent winter months. These elevated gas rates have increased gas service costs for all gas service customers within PG&E's service area. Because California's electricity sector still depends heavily on gas-fired power plants for evening and nighttime electricity generation, these elevated gas prices have also driven up wholesale electricity prices. On February 7, 2023, the CPUC, alongside leadership representation from the California Energy Commission (CEC) and the California Independent System Operation (CAISO), convened a virtual *en banc* with several panels of speakers to explore the causes and solutions to these elevated methane gas commodity prices. As a near-term rate relief measure, the CPUC has directed PG&E to include the California Climate Credit in customers' March bills (a month earlier than normal). Additional next steps from the *en banc* discussion remain to be seen. PCE staff continue to monitor these gas market implications for our agency's operations. These elevated commodity rates due create a bit of a silver-lining for PCE customers in that they create downward pressure on the next PCIA rate adjustment occurring for 2024.

(Public Policy Objective A, Key Tactic1)

DAC-GT/CSGT Programs

Matthew continues to lead PCE's engagement in policy matters related to PCE's Disadvantaged Communities Green Tariff (DAC-GT) and Community Solar Green Tariff (CSGT) program.

Program Capacity Expansion

On January 17, 2023, the CPUC issued a disposition approving the expansion of PCE's DAC-GT Program. The Program is designed to provide a means for low-income customers residing in state-designated disadvantaged communities (DACs) to receive

solar energy from qualifying facilities as well as a 20% discount on the entire electric portion of their utility bill. Program administrators are able to recover the costs of delivering the program through CPUC-administered ratepayer funds.

PCE's allocation was 0.9 MW following the CPUC's initial approval of the program design in 2019. With this approval from the CPUC, PCE's allowable program capacity is 3.7 MW. In terms of customer enrollment and benefits, this represents an estimated total increase in participants from 478 to 1,341. PG&E and PCE filed a joint request for this recent capacity expansion in order to ensure that PCE would have sufficient capacity to serve qualifying customers in Los Banos when the city was enrolled in PCE generation service.

Applications for Program Review

In May 2022, PG&E, SCE, and SDG&E each filed applications for review of the DAC-GT/CSGT programs, as well as the Green Tariff Shared Renewables and Enhanced Community Renewables programs. PCE is working with a group of CCAs who administer their own DAC-GT and CSGT programs to engage in the docket. The Joint CCA's primary focuses are to advocate for ways in which the programs could be modified to more efficiently serve and provide benefits to eligible customers, and to ensure that program administrators will continue to receive cost recovery for the long-term solar PPAs they signed to serve these programs. The first round of testimony has been filed in the docket and most parties are not opposed to these concepts. There is also the possibility that the CPUC will create a new program of a slightly different design that will complement the DAC-GT and CSGT programs. The docket schedule has not yet been finalized but a final decision is expected as soon as Q3 2023.

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

Integrated Resource Planning & Resource Adequacy

In the Integrated Resources Planning proceeding, the Commission issued a Proposed Decision with a wide range of elements in the implementation track. Of key importance would be an order for the CPUC jurisdictional Load Serving Entities to collectively procure 2,000 MW of qualifying capacity/effective load carrying capacity of resources in both 2026 and 2027. Peninsula Clean Energy's share has not been published but is expected to be approximately 36 MW in each year. Also, the Proposed Decision would allow Peninsula Clean Energy to reclassify some of our existing capacity as incremental capacity for purposes of the Midterm Reliability order (D.21-06-035) in exchange for increasing our 2025 requirements. The proposed decision also addresses other technical issues that should ease compliance with the Midterm Reliability Order. We still await a proposal from the CPUC to regularize procurement planning rather than relying on sporadic and idiosyncratic procurement orders.

In Resource Adequacy, Energy Division and parties made a wide range of proposals on a variety of technical areas, most notably a proposal by Energy Division that would

prohibit expansion by CCAs by any CCA that is deficient in RA by more than 2.5%. CalCCA and other parties have also proposed a range of technical improvements of the Central Procurement Entity process to reduce the uncertainty faced by Load Serving Entities caused by failures by the Investor-Owned Utilities to meet their obligations to procure Local Resource Adequacy resources. We still await a proposed decision on the 24-hour slice Resources Adequacy reform.

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

STAKEHOLDER OUTREACH

Dr. Karpa hosted Peninsula Clean Energy's regular monthly call with environmental justice and environmental advocates and other CCA staff on February 15, 2023. Mehdi Shahriri and Sara Maatta presented PCE's plan for meeting load with 100% renewables in 99% of hours. (Public Policy Objective A, Key Tactic 2)

FISCAL IMPACT

Not applicable.

PENINSULA CLEAN ENERGY AUTHORITY
Board Correspondence

DATE: February 10, 2023
BOARD MEETING DATE: February 23, 2023
SPECIAL NOTICE/HEARING: None
VOTE REQUIRED: None

TO: Honorable Peninsula Clean Energy Authority Board of Directors

FROM: Marc Hershman, Director of Government Affairs

SUBJECT: Update on Peninsula Clean Energy's Legislative Activities

SACRAMENTO SUMMARY – Beginning of 2023 Session:

The 2023-24 state legislative session convened on December 5, 2022, with the oath of office administered to the newly elected members. The Legislature then adjourned until January 4.

January 20 was the deadline for bill ideas to be sent by legislators to Legislative Counsel so that they could be reduced to writing. Many of those measures came back as sparingly worded "spot" bills and will be amending them in the coming weeks. Legislators have until February 17 to introduce bills so that they can be considered during the current session.

2022 General Election Results and Implications

Peninsula Clean Energy's 2023 state Senate delegation remains unchanged, with Senators Scott Wiener, Josh Becker, and Anna Caballero holding onto their seats in the upper house.

The new chair of the Senate Committee on Energy, Utilities and Communications is Senator Steven Bradford. The membership of this critically important committee has been expanded from 14 to 18 members. Senator Becker remains as a member of the committee and Senator Anna Caballero, who represents Los Banos, is one of 7 new faces on the Energy Committee.

Also notable, Senator Becker has been appointed as Chair of the Budget Subcommittee #2 which has jurisdiction over Resources, Environmental Protection and Energy. He will

also serve on the Business, Professions and Economic Development, and Transportation Committees.

Senator Wiener will continue to chair the Committee on Housing. He will be a member of the Judiciary, Health, Public Safety, and Governance and Finance committees.

Senator Caballero will continue to chair the Committee on Governance and Finance. She will also service on the Banking and Financial Institutions, Budget, Housing, and Judiciary committees.

Diane Papan has taken the Assembly seat that had been held by Kevin Mullin. Assemblymember Papan has been named to the Appropriations, Communications, Judiciary, Privacy and Consumer Protections, and Rules Committees.

Assemblymember Esmerelda Soria, who was elected to represent Los Banos in the Assembly, has been appointed to serve as chair of the Military and Veterans' Affairs Committee. She will also join the Agriculture, Banking and Finance, and Insurance Committees.

Assemblymember Berman will continue as chair of Business and Professions Committee. He will also sit as a member of the Governmental Organization, Insurance, and Transportation Committees.

Assemblymember Ting will once again be Chair of the Budget Committee. He will also serve on the Business and Professions, and Utilities and Energy Committees.

Eduardo Garcia will continue to hold the gavel as chair of the Assembly Committee on Utilities and Energy with Republican Jim Patterson continuing as Vice Chair of that key committee. The balance of the committee membership was named in mid-January:

Assemblymember Eduardo Garcia, Chair
Assemblymember Jim Patterson, Vice Chair
Assemblymember Rebecca Bauer-Kahan
Assemblymember Lisa Calderon
Assemblymember Wendy Carrillo
Assemblymember Phillip Chen
Assemblymember Damon Connolly
Assemblymember Chris Holden
Assemblymember Devon Mathis
Assemblymember Al Muratsuchi
Assemblymember Eloise Gómez Reyes
Assemblymember Miguel Santiago
Assemblymember Pilar Schiavo
Assemblymember Phil Ting
Assemblymember Greg Wallis

2023 LEGISLATIVE ACTIVITY IN SACRAMENTO:

As of this writing, most of the bills that have been formally introduced are placeholders - sometimes called “spot” or “intent” bills - that will be further fleshed out and amended to include substantive language before they can be considered in committee hearings.

There are a few bills that have been introduce and we will be following:

AB 2 (Ward) – recycling of solar panels

AB 3 (Zbur) – to accelerate the development of offshore wind and ensure protection of the environment, jobs, and environmental justice

AB 9 (Muratsuchi) – moves up the timetable for the state to reach statewide greenhouse gas emissions limits – the 2006 California Global Warming Solutions Act requires the state to reach 40% below 1990 emissions by 2030. This moves up the requirement to 55% of 1990 emissions by the end of 2030.

AB 50 (Wood) – to address interconnection delays

AB 80 (Addis) – to look at funding needed to mitigate the impact of offshore wind projects on tourism, fishing, and wildlife.

AB 241 (Reyes) – related to the clean transportation program created in 2007.

AB 538 (Holden) – would create a western regional electric system that would include California.

AB 557 (Hart) – would extend the time provisions found in AB 2449 (2022) could be advanced when a “state of emergency” is in effect and would extend the renewal period of a finding of need for a remote meeting to 45 days.

AB 643 (Berman) – would require the California Public Utilities Commission to annually provide to the Legislature a report on timelines for consumer-sited solar and storage interconnections to the grid.

SB 38 (Laird) – legislation to address the need for safety at battery storage facilities.

SB 48 (Becker) – to enact building performance standards to improve energy efficiency in large buildings while improving equity and burdens on disadvantaged communities.

SB 49 (Becker) – would create tax incentives for the construction of solar canopies over large parking lots.

SB 56 (Skinner) – Mandating that each load-serving entities’ Integrated Resource Plan include a balanced and diverse portfolio of resources that provides an optimal integration of renewable resources in a cost-effective manner that meets GHG reduction targets.

SB 57 (Gonzalez) – a bill to prohibit shutting off utility services during extreme weather events.

SB 83 (Wiener) – legislation to promote the connection of new construction, and particularly housing construction, to the electrical grid.

SB 84 (Gonzalez) – like AB 241 and pertaining to the clean transportation program.

SB 222 (Nguyen) - a bill to address the regulation of electric bicycles.

SB 233 (Skinner) – a bill to address vehicle to grid energy transfer.

SB 319 (McGuire) – legislation related to electrical transmission.

SB 410 (Becker) – legislation related to interconnection of buildings.

Of significance to local government, including Peninsula Clean Energy, the termination of the State of Emergency will end the suspension of the Brown Act that has enabled virtual attendance at meetings by elected officials from undisclosed, remote locations. At the request of members of the Peninsula Clean Energy Board of Directors, staff has been researching and advancing legislation that would extend these provisions. To date, AB 557 (see above) has been introduced. We anticipate additional bills will be forthcoming during this session of the Legislature.

As requested by members of the Peninsula Clean Energy Board of Directors, we are following with great interest possible legislation pertaining to the undergrounding of utility lines and advancing vehicle to grid transmission (see SB 233 above).

We are also following possible legislation to address the recycling of lithium-ion batteries. As California's policies and state-funded programs create incentives for the greater deployment of electric vehicles powered by lithium-ion batteries and promote solar arrays, the state will be faced with increasing amounts of batteries and panels in the waste stream. Peninsula Clean Energy and other CCAs are in the forefront of encouraging EV deployment and solar energy, and we are prepared to work with others to promote recycling of these components.

A few years ago, the Legislature initiated a study of the use and recycling of lithium-ion batteries, and the report came out late last year.

Another issue we are looking into is the adoption and/or implementation of a rate design that reduces as much as possible the rate for "marginal" increases in a customer's load due to electrification. We know that to achieve our climate goals, California must encourage customers to electrify by switching to EVs and heat-pump water heaters as much as possible. Doing so, will certainly increase a customer's energy usage, but it is our hope to find a way where this marginal increase in usage will not be subject to fixed charges in order to make electrification as affordable as possible.

Another issue that has our attention, is the notion that the state needs a Central Procurement Entity (CPE) to provide a backstop for Load Serving Entities, such as Peninsula Clean Energy and other CCAs, in case the Load Serving Entities cannot or are unable to procure enough Resource Adequacy to meet requirements.

Another issue floated at the end of the 2022 session, but which did not gain much traction at the time, was the imposition of penalties on Load Serving Entities for failure to meet Resource Adequacy targets.

One more issue that has the subject of much discussion is now in bill form, that is AB 538 (Holden) noted above, legislation to continue pursuing regionalization and expanding the California Independent System Operator or CAISO to be a regional transmission organization covering multiple states across the west.

We note that there have been four bills introduced (AB 50, AB 643, SB 83, and SB 410) to address interconnection concerns. A number of our jurisdictions had apprised Peninsula Clean Energy of difficulties local projects had encountered when seeking electrical connections to the grid. In addition to the two intent bills on file discussions are taking place around other possible legislation to address these concerns.

At the request of the governor, a special session commenced on December 5. The governor is seeking rebates for the public, funded by oil companies, to discourage oil and gas price gouging.

On December 5 the governor's initial proposal took the form of a bill, introduced by Senator Nancy Skinner, SBX1-2

The bill would

- Make it unlawful to charge excessive profits – excessive refiner margins would be punishable by a civil penalty from the CEC.
- Gives the Legislature room to set the amount of the maximum margin and the amount of the penalty.
- Requires any penalties collected to go to a Price Gouging Penalty Fund and then given back to Californians.
- Improves transparency and oversight of the oil industry by the state
- Expands the CEC and the California Department of Tax and Fee Administration's ability to investigate and obtain information on costs, profits, and pricing so that the state can better address the causes of pricing irregularities
- Minimizes the likelihood of future supply or price shocks.

The Legislature has yet to begin addressing in earnest the next steps on the special session.

FY 2023-24 State Budget

Of great interest to all Californians is the state budget situation. The Legislative Analyst's Office is forecasting as much as a $25 billion deficit for fiscal 2023-24. Some legislators,

including Budget Chair Phil Ting, are positing that this will not be as devastating as it might have appeared in years past thanks to prudent marshalling of resources during the recent flush years. The state has a substantial rainy-day fund and much of the recent budget surplus was invested in one-time expenditures and capital projects.

Governor Newsom unveiled his proposed 2023-24 budget on January 10. A revised budget will be advanced by the Governor in May, after receipt of the April tax revenues. The Legislature must adopt the budget for the next fiscal year in June.

The initial budget proposed by the Governor this month seeks $22.5 billion in lower funding. He is asking for more than $6 billion in cuts to climate initiatives over the next 3 years, with a proviso that this funding could be restored in the May revise budget if revenues increase over current projections.

In the 2022 budget cycle the Governor had pushed for a climate package of $54 billion. He is now calling for a scaling back of that effort to $48 billion, of which more than half of the cuts – about $3.3 billion – would come from clean transportation initiatives.

One related note of interest, in 2022 the state Legislature approved a budget package that included $1 billion in state funding for the extension of service for Diablo Canyon Nuclear Power Plant to be paid out over 3 years. The governor's recent budget proposal does not cut that total funding amount, but only includes $100 million in FY 2023-24. Significantly, on November 20 the United States Department of Energy announced that $1.1 billion in federal funding would be made available to support the extension of the Diablo Canyon Nuclear Power Plant. In late January, the federal Nuclear Regulatory Commission told PG&E that it would need to submit a fresh license renewal application, determining that a prior renewal application, filed in 2009, would not suffice.

(Public Policy Objective B, Key Tactic 1)

PENINSULA CLEAN ENERGY AUTHORITY
JPA Board Correspondence

DATE: Feb. 20, 2023
BOARD MEETING DATE: Feb. 23, 2023
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. Highlights from Prior Month
2. Building and EV Reach Codes
3. Buildings Programs
   - 3.1. Appliance Rebates and On-Bill Financing
   - 3.2. Low-Income Home Upgrades & Electrification
   - 3.3. Building Pilots
   - 3.4. Refrigerator Recycling
4. Distributed Energy Programs
   - 4.1. Solar and Storage for Public Buildings
   - 4.2. Power On Peninsula – Homeowner
   - 4.3. FLEXmarket
   - 4.4. Community Solar, DAC-GT
5. Transportation Programs
   - 5.1. “EV Ready” Charging Incentive
   - 5.2. Used EV Rebate
   - 5.3. EV Ride & Drives/EV Rental Rebate
   - 5.4. E-Bikes for Everyone Rebate
   - 5.5. Municipal Fleets
   - 5.6. Transportation Pilots

DETAIL

1 Highlights from Prior Month

- Public EV Fleets commenced with San Mateo, South SF, Burlingame, and Menlo Park.

- Town of Hillsborough, with Peninsula Clean Energy design support and incentives, installed 10 EV chargers and 5 “make readies” for fleet electric trucks.
- About 100 sites were identified as possible participants in the second round of the Solar and Storage for Public Buildings program. Site assessments begun.
- 2 reach codes adopted in December and January

2 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) and East Bay Community Energy (EBCE). 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.BayAreaReachCodes.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 publicly available at www.AllElectricDesign.org. In December 2020, the Board approved to extend the contract with TRC Engineers include technical assistance for developing policy for existing buildings. In February 2022 the Board extended the initiative for another two years.

Model Code Summary

- New construction building electrification codes require all-electric and include a menu of exceptions for cities to choose from
- New construction EV codes are the same as last cycle for most building types, requiring more access than the state code. Multi-family buildings are required to provide at least one level 2 charging access point for every dwelling unit. 15% must be Level 2 charging stations. 85% can be low-power Level 2 EV ready.
- Existing building model codes provide a full menu of options for cities to choose from, including: end of flow requirements, time-of-replacement mandates, time of sale disclosure requirements, and a requirement to upgrade existing EV-capable circuits to EV-ready by a time-certain deadline.

Status (no change):

- **City Progress**: Most cities with reach codes from the prior cycle have re-adopted or adopted for the first time, including:
    - New construction:
        - Adopted: Atherton, Belmont, Brisbane, Burlingame, County of San Mateo, Daly City, East Palo Alto, Half Moon Bay, Hillsborough, Menlo Park, Millbrae, Pacifica, Portola Valley, Redwood City, San Bruno, San Carlos, San Mateo
        - Continuing reach codes from 2019: Hillsborough

        - In Progress: South San Francisco, East Palo Alto, Colma
    - Existing buildings:
        - Adopted: Portola Valley, City of San Mateo
        - Exploring: San Carlos (study session 1/23/23)

Strategic Plan:
Goal 3 – Community Energy Programs

Objective A: Decarbonization Programs: Develop market momentum for electric transportation, and initiate the transition to clean energy buildings

- 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

3 Buildings Programs

3.1 Appliance Rebates and Zero Percent Loans

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. Peninsula Clean Energy successfully launched the heat pump water heater (HPWH) rebates on January 01, 2021. Peninsula Clean Energy rebates were exclusively offered in partnership with BayREN's Home+ program, which offers additional rebates for HPWHs that are combined with Peninsula Clean Energy's. Additionally, in August 2021, the Board approved an On-Bill Financing program (now referred to as the Zero Percent Loan program) with $1.0 million in loan capital (treated as a balance sheet asset and not part of the annual budget). The program offers qualified residential customers a 0% interest loan up to $10,000 to fund the cost of eligible electrification and complementary electrical and energy efficiency upgrades.

On October 17, 2022, Peninsula Clean Energy launched its Zero Percent Loan program and rolled out modifications and enhancements to the Appliance Rebates Program including increasing its HPWH rebate, launching a new heat pump heating ventilation and air conditioning (HVAC) rebate, adjusting the eligibility criteria for its electrical panel upgrade bonus rebate, and creating a rebate application process for customers not working with BayREN contractors, while still maintaining the integrated application process with the BayREN Home+. These modifications were made to A) bring fuel switching/electrification to at least cost parity with gas replacements, B) backstop the loss of state incentives, and C) support the adoption of existing building reach codes.

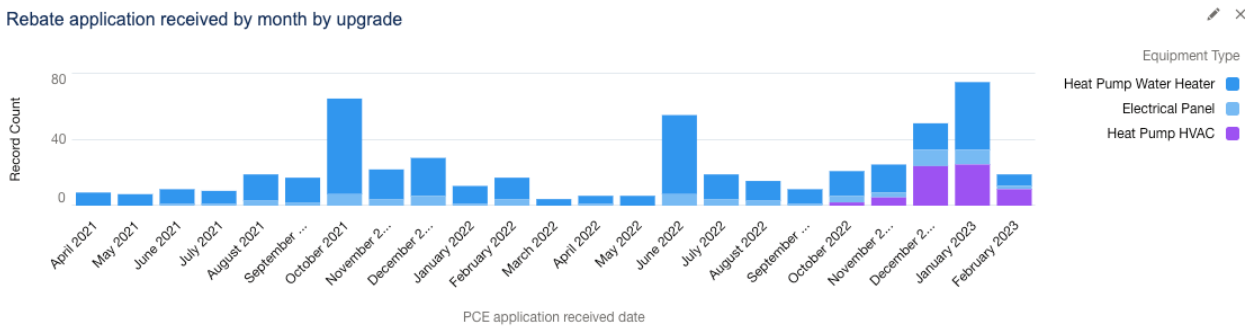
Status: The below table summarizes the number of rebates issued as of February 3, 2023.

Upgrade Type	Count
HPWH rebates	365
Heat pump HVAC rebates	38

Electrical panel rebates	64

These rebates amount to $812,000 or 29% of the total program budget.

The chart below summarizes the number of applications received by month by upgrade type.



The table below summarizes the status of the zero percent loan program as of February 3, 2023.

Metric	Count
Applications received	55
Applications approved / loans reserved	29
Loans issued	6

Strategic Plan:

Goal 3 – Community Energy Programs

Objective A: Decarbonization Programs: Develop market momentum for electric transportation, and initiate the transition to clean energy buildings

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

3.2 (Low-Income) Home Upgrade Program

Background: In May 2020, the Board approved $2 million for implementing a turnkey low-income home upgrade program to offer minor home repair, energy efficiency, and electrification measures to income-qualified homeowners at no cost to them. The measures implemented in each home will vary depending on the home's needs but will include at least one electrification measure such as installing a HPWH or replacing a gas stove with an electric induction stove. The contract with the administration and implementation firm, Richard Heath & Associates (RHA), was executed after being approved by the Board in the March 2021 meeting.

Status: The program was announced on September 28, 2021. The below table summarizes the program's status as of the end of January.

Stage/category	#s as of January 31, 2023
Leads	2,087
Reached	876
Pre-assessments	461
Enrolled and eligible	341
Installations in progress	62
Fully complete	115

The following table summarizes the number of electrification measures implemented on the fully complete homes.

Measure	Count
Heat pump water heater	43
Induction cooktop/range	28
Electric dryer	27
Central or mini split heat pump (HVAC)	3
Window or wall mounted heat pump (HVAC)	11
Portable heat pump (HVAC)	26

The program is now oversubscribed as the amount of homes enrolled and fully eligible exceeds the current approved funding for the program. Staff is proposing a short-term amendment of the current program and contract with implementer while planning for a competitive solicitation of an expanded program. More information about this plan is included in the Building Electrification Strategy and Home Upgrade Contract Amendment memo included in this agenda packet.

Strategic Plan:

Goal 3 – Community Energy Programs

Objective B: Community Benefits: Deliver tangible benefits throughout our diverse communities

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

3.3 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 3-5 homes within the San Mateo County to assess its performance and demonstrate its effectiveness for emission reductions.

Status (no updates from last month): The home recruitment process began in late April 2021 and the project received 290 applications. Homes were selected based on technical criteria (home characteristics, energy usage patterns, and technical feasible of the upgrade within budget). The four pilot homes are located in Daly City, South San Francisco, Redwood City, and Menlo Park. As of September 7, 2022, all four homes have had their system installed. The consulting firm TRC has been contracted to provide independent measurement and verification services for the project and have begun collecting data on the homes installed. A final report is anticipated in the summer of 2023 after a year a data has been collected and analyzed. Lastly, the Technical Advisory Committee (TAC) had its third meeting on August 31, 2022, following the second meeting on June 2, 2022 and first meeting on September 30, 2021. The objective of the TAC is to review and provided feedback on the project. TAC members include former building officials, former contractor, city commissioner, peer CCA program managers, CPUC staff, CAC member and Board member Jeff Aalfs. Senator Josh Becker toured a Harvest Thermal home and Home Upgrade home on July 20th with PCE staff in attendance.

Strategic Plan:

Goal 3 – Community Energy Programs

Objective C: Innovation and Scale: Leverage leadership, innovation, and regulatory action for scaled impact

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

3.4 Refrigerator Recycling

Background: In April 2019, Peninsula Clean Energy launched a small turnkey refrigerator recycling program with a budget of $75,000 as part of the Community Pilots program. The program administrator, ARCA Recycling, manages orders intake, pick up scheduling, and rebate processing. The objective of the program is to capture high impact greenhouse gas gases from old appliances by facilitating proper recycling of the appliance's refrigerants and foaming agents for insulation (which also continue refrigerants). The initial program budget was exhausted in May but in June 2022, following Board approval, staff executed a contract amendment to continue, and expand the program with an additional budget of $200,000 over three years (FY23-FY25). The contract amendment includes adding more appliance types (air conditioning units, and allowing non-working units to be eligible) and allowing for bulk pickups from apartment complexes and waste distribution centers.

Status: Since inception in April 2019 and as of December 31, 2022, the recycling program has recycled 807 refrigerators and freezers resulting in over 1,500 MTCO2e in greenhouse gas reduction. The program has been paused due to bulk pickups exceeding budget. The contract is being renewed without the bulk pickups and the program is anticipated to restart in March.

Strategic Plan:

Goal 3 – Community Energy Programs

Objective A: Decarbonization Programs: Develop market momentum for electric transportation, and initiate the transition to clean energy buildings

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

4 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 is advancing distributed energy resources to provide resilience, lower decarbonization costs, provide load shaping to support our strategic goal for 24/7 renewables. The projects described below are efforts towards meeting both of these goals.

4.1 Solar and Storage for Public Buildings

Background: The Solar and Storage for Public Buildings (formerly called Local Government Solar Program) is aimed at aggregating local government facilities into a group procurement of solar and optionally storage systems. Peninsula Clean Energy provides no-cost site assessments and preliminary designs as well as manages the procurement process. Participating sites have systems installed as part of power purchase agreements directly with Peninsula Clean Energy. As part of the pilot phase, in October 2020, the Board approved a Solar Site Evaluation Services contract with McCalmont Engineering for Solar site evaluation and designs for County and municipal facilities identified as candidates for solar-only or solar + storage resilience projects. In March 2022, the board approved up to $8 million in capital for system installations to be repaid over 20 years and $600,000 for technical assistance on the second round of the aggregated solar program. Peninsula Clean Energy developed a portfolio of 15 sites in 13 cities for a total portfolio size of approximately 2 MW of solar. Battery storage will be explored for 4 of the 15 sites. A Request for Proposals for equipment was conducted and closed in August.

Status: At the January, 2023 Board Meeting, the Board of Directors granted authority to the CEO to execute the installation contract and power purchase agreements with participating agencies in the first round. As of this writing, staff have received signed PPAs for six facilities and is in final negotiations on the EPC contract.

In December 2022, the CPUC finalized a decision to change rules to net metering, which will reduce the value of solar exported to the grid during the day. Customers can get grandfathered into current net metering rules (“NEM 2.0”) before the rules go into effect

("NEM 3.0"). Interconnection applications were submitted for the first portfolio of systems in October 2022 to secure a grandfathered position under NEM 2.0.

Staff is running the second round of the program. Staff expects to increase the size of the portfolio from round one, and help our customers lock-in NEM 2.0 for their projects.

Over 20 agencies expressed interest in the second round. Staff has begun to send their engineering partners, NV5 and SepiSolar, to conduct site walks to roughly 70 facilities. Staff plans to conclude all site walks by the end of February submit interconnection applications to meet the NEM 2.0 deadline. Further detail is available in a separate memo in the packet. . . .

4.2 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. 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 $500. At Peninsula Clean Energy's direction, Sunrun will dispatch the stored energy during evening hours when renewable generation on the California grid is low and electricity prices are high. This will also help Peninsula Clean Energy to reduce its peak load and thereby reduce our resource adequacy requirements.

Status (no updates from last month): The program has commenced dispatching customer batteries in the evening to help reduce Peninsula Clean Energy's net peak. Sunrun is continuing to enroll new customers throughout 2022. The program is being impacted by supply chain issues including contractor, materials, and product supply and cost. Sunrun has significantly increased effective dispatch of battery systems as part of the Peninsula Clean Energy Load Modification agreement and this dispatch has been very supportive of state needs during recent statewide Flex Alerts.

4.3 FLEXmarket

Background: In November 2021 the Board approved a program plan for the establishment of an innovative "virtual power plant" using what is known as FLEXmarket. FLEXmarket is a market-based program structure that provides incentives to program "aggregators" to implement programs for energy efficiency and load shaping. The novel elements of the structure include a "pay-for-performance" approach which only provides incentives on confirmed performance using meter data. This novel structure was innovated by MCE and is also being implemented by East Bay Community Energy and Sonoma Clean Power. In addition, the program plan was developed for submission to the CPUC to allow Peninsula Clean Energy to run the program with fully reimbursed funding through the CPUC. Peninsula Clean Energy's billing data services provider Calpine has entered into a strategic partnership with the firm Recurve to provide FLEXmarket services through a streamlined structure.

Status: The program has officially launched and providers are being recruited for the platform. In addition, Peninsula Clean Energy anticipates submitting its own projects to receive CPUC funds under the program. The program will first be open to residential customers in order to drive investment in energy efficiency, building electrification, and load shaping. Staff intends to launch the commercial version of the program later in 2023.

4.4 Community Solar, DAC-GT

Background: The Disadvantaged Communities Green Tariff program ("DAC-GT") and associated Community Solar Green Tariff ("CSGT") are community solar programs developed by the California Public Utilities Commission (CPUC) to enable DAC residents to participate in renewable energy projects, and to promote development of renewable projects in DACs. Participating customers will receive a 20% discount on their full electric bill (PG&E and Peninsula Clean Energy charges). Peninsula Clean Energy administers these programs on behalf of its customers.

Peninsula Clean Energy began enrolling DAC-GT customers in San Mateo County in January 2022 and customers in Los Banos in April 2022. Those customers are currently served by an interim resource procured from Marin Clean Energy pending Peninsula Clean Energy's procurement of a new renewable resource for the program.

Per the CPUC DAC program guidelines, Peninsula Clean Energy is authorized to procure up to 3MW of solar capacity. Until a new solar resource is procured, Peninsula Clean Energy will serve customers from MCE's interim resource. Peninsula Clean Energy executed a PPA with Marin Clean Energy for its existing Goose Lake Solar project, which meets DAC program guidelines, to provide for its DAC customers until a permanent resource is procured.

Status (no updates): Peninsula Clean Energy signed a PPA with Renewable America, LLC for a 3MW solar resource located in Dos Palos, CA, approximately 15 miles southeast of the City of Los Banos. The Dos Palos Clean Power solar project has a Commercial Operation Date of August 1, 2023.

Staff launched a Request for Proposals for 402kW of solar as part of their Community Solar Green Tariff ("CSGT"). Proposals are due by February 28, 2023.

Strategic Plan

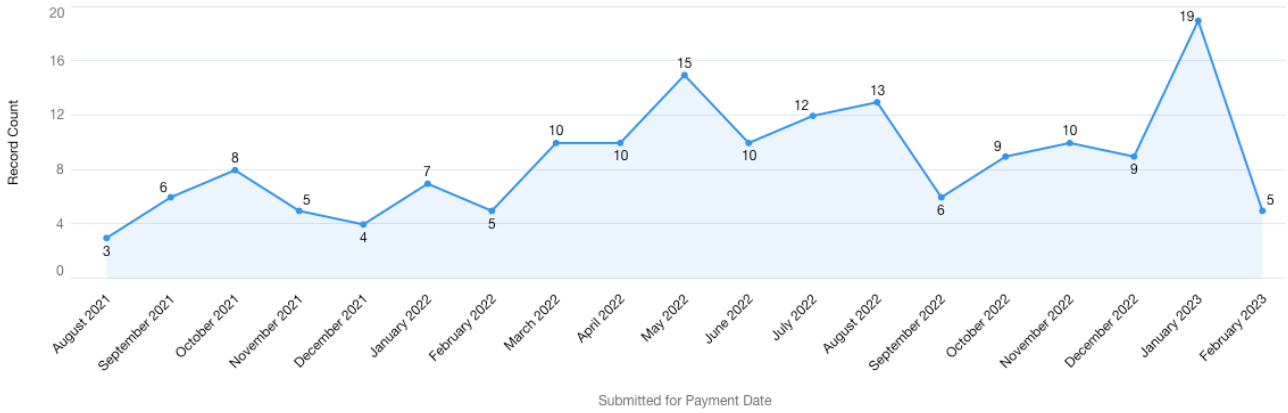
- Distributed Energy Resources: Support strategic decarbonization and local power
  - Key Tactic 1: Create minimum of 20 MW of new local renewable power sources in PCE service territory by 2025
  - Key Tactic 2: Support distributed energy resources to lower costs, support reliability, and advance distributed and grid decarbonization
  - Key Tactic 3: Foster Resilience

5 Transportation Programs

5.1 Used EV Rebate Program

Background: Launched in March 2019, the Used EV Rebate Program (formerly referred to as "DriveForward Electric") provided 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 and Los Banos residents, while maintaining the increased incentives for income-qualified residents. In February 2021, Peninsula Clean Energy executed a competitively bid contract with GRID Alternatives ("GRID") to administer the expanded program. The 'old' program incentivized 105 rebates from March 2019 through August 2021. In August 2021, the program was officially re-launched. In March 2022, staff made modifications to the program to adjust to market conditions (I.e. high used vehicle prices). Modifications included raising the eligible vehicle price cap from $25,000 to $35,000 and increasing the rebate amount for income-qualified residents by $2,000 taking the maximum rebate amount to $6,000.

Status: Since the re-launch of the program in August 2021 and as of February10, 2023, 166 rebates have been provided under the new program (see monthly chart below). There are 300+ customers are actively in the pipeline (customers must apply prior to purchase).



Strategic Plan:

Goal 3 – Community Energy Programs

Objective A: Decarbonization Programs: Develop market momentum for electric transportation, and initiate the transition to clean energy buildings

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

Objective B: Community Benefits: Deliver tangible benefits throughout our diverse communities

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

5.2 "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, Peninsula Clean Energy 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 Peninsula Clean Energy's $12 million in incentives, $8 million was previously administered through the CEC's California Electric Vehicle Incentive Project (CALeVIP) and $4 million under a dedicated, complementary Peninsula Clean Energy incentive fund. The dedicated Peninsula Clean Energy incentives address Level 1 charging, assigned parking in multi-family dwellings, affordable housing new construction, and public agency new construction. In August, Peninsula Clean Energy elected to directly administer the not yet approved pool of funds that were previously administered through CALeVIP, worth approximately $4 million, further described below.

Status: Peninsula Clean Energy implemented changes in August 2022 to expedite installations, including providing customers with greater flexibility in selecting contractors, adjusted incentive levels to account for rising costs, and direct management of all Level 2 projects not already approved by the Center for Sustainable Energy in the CALeVIP program (worth approximately $4 million in funding). Since the changes were implemented in mid-August, there has been significant uptake in the program. Over ten new contractors have been added to the Technical Assistance component of the program, including 2 minority or woman-owned businesses. Customers receiving Technical Assistance may choose from these contractors or another of their choosing.

Summary of program metrics is outlined in the table below:

	Sites/ Applications	Ports	Incentive Amount
# of sites in PCE Technical Assistance	185	2,200	-
# of Technical Assistance site evaluations approved by PCE	126	1,400	-
# of active funding applications received in Peninsula Clean Energy incentive program	87	1,500	$5.1 million
# of funding applications approved in Peninsula Clean Energy incentive program	72	1,200	$3.9 million
# of CALeVIP applications approved*	40	650	
Total # of ports installed	21	318	$1.3 million

*Includes DCFC and L2 ports: 254 DCFC, 407 L2 ports

Strategic Plan:

Goal 3 – Community Energy Programs

Objective A: Decarbonization Programs: Develop market momentum for electric transportation, and initiate the transition to clean energy buildings
- Key Tactic 1: Drive personal electrified transportation to majority adoption
- Key Tactic 5: Support local government initiatives to advance decarbonization

Objective B: Community Benefits: Deliver tangible benefits throughout our diverse communities
- Key Tactic 3: Support workforce development programs in the County

5.3 E-Bikes for Everyone Rebate Program

Background: The Board initially approved the income-qualified E-Bikes Rebate program in July 2020 with a budget of $300,000, approved an increase of an additional $300,000 in December 2022, and approved a further increase of $150,000 in August 2022, bringing the total program budget to $750,000. The program runs in annual cycles and is available to residents with low to moderate incomes. Two cycles in 2021 and 2022 have provided 510 rebates. Silicon Valley Bicycle Coalition is under contract to Peninsula Clean Energy 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, Chain Reaction, Woodside Bike Shop, and E-Bike Annex.

Status: Staff are planning to reopen the program in Q2 of 2023 for new applicants, utilizing the remaining funds.

Strategic Plan:

Goal 3 – Community Energy Programs

Objective A: Decarbonization Programs: Develop market momentum for electric transportation, and initiate the transition to clean energy buildings
- Key Tactic 1: Drive personal electrified transportation to majority adoption

Objective B: Community Benefits: Deliver tangible benefits throughout our diverse communities
- Key Tactic 1: Invest in programs that benefit underserved communities

5.4 Public EV Fleet Program

Background: The Board approved the Public EV 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. In August 2022, the Board of Directors approved a contract with Optony to assist in administration of this

program. A workshop was held on November 16 to promote the program and recruit local agency fleet managers.

Status: The program has now started. Menlo Park, Burlingame, San Mateo, and South San Francisco are now receiving technical assistance. Other agencies are encouraged to apply, when ready, at https://www.peninsulacleanenergy.com/public-ev-fleets-program/.

Strategic Plan:

Goal 3 – Community Energy Programs

Objective A: Decarbonization Programs: Develop market momentum for electric transportation and initiate the transition to clean energy buildings

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

Objective C: Innovation and Scale: Leverage leadership, innovation, and regulatory action for scaled impact

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

5.5 Transportation Pilots

Ride-Hail Electrification Pilot

Background: This pilot, approved by the Board in March 2020, is Peninsula Clean Energy'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 with up to 100 EVs. Because ride-hail vehicles drive much higher than average miles per year, each vehicle in this electrification pilot is expected to save over 2,000 gallons of gas and 20 tons of greenhouse gas emissions per year.

Status (no updates since last month): The 100 EV fleet has been put into service by Lyft and Peninsula Clean Energy is monitoring progress. 250+ unique drivers have already rented them, with each rental averaging over three months. Over 2.8 million all electric miles have been driven so far with an average of 120 miles/day per vehicle, comparable to gas counterparts. Vehicles include a customer-facing PCE branded placard that informs riders about the pilot and directs them to the PCE website for more information.

Strategic Plan

Goal 3 – Community Energy Programs

Objective A: Decarbonization Programs: Develop market momentum for electric transportation and initiate the transition to clean energy buildings

- Key Tactic 2: Bolster electrification of fleets and shared transportation

Objective C: Innovation and Scale: Leverage leadership, innovation, and regulatory action for scaled impact

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

EV Managed Charging Pilot

Background: Peninsula Clean Energy aims to facilitate EV charging that avoids expensive and polluting evening hours through "managed charging" systems. This work is in the second phase of a pilot. In 2020, Peninsula Clean Energy ran a proof-of-concept pilot for EV managed charging with startup FlexCharging to test timing of EV charging through vehicle-based telematics. This was a limited pilot with approximately 10 vehicles. The system utilizes existing Connected Car Apps and allows Peninsula Clean Energy to manage EV charging via algorithms as a non-hardware-based approach to shift more charging to occur during off-peak hours. The pilot is moving to Phase 2 intended for a larger set of 1,000 to 2,000 vehicles. In October of 2021, the Board approved a contract up to $220,000 with the University of California, Davis' Energy Economics Program (DEEP) to develop and advise on an incentive structure experiment that will be used to inform the Peninsula Clean Energy managed charging program design. This collaboration has been ongoing. In November, the Board approved a contract up to $220,000 with ev.energy as the platform provider for EV managed charging services.

Status: Following Board approval of the contract with ev.energy, which is the selected managed charging platform, the project commenced on December 1. The platform and data warehouse systems development have begun. Large-scale recruitment will occur in Q2 2023 with the goal of recruiting at least 1,000 customers for the pilot. A Technical Advisory Committee, consisting of staff from CEC, CPUC, CCAs, and NGOs, is also informing the pilot and held its first meeting mid-February, additional meetings to be scheduled shortly. The pilot is expected to launch in summer 2023.

Strategic Plan

Goal 3 – Community Energy Programs

Community Benefits: Deliver tangible benefits throughout our diverse communities

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

Innovation and Scale: Leverage leadership, innovation and regulatory action for scaled impact

- Key Tactic 1. Identify, pilot, and develop innovative solutions for decarbonization
    - Pilot and scale EV load shaping programs to ensure that 50% of energy for EV charging takes places in non-peak hours

PENINSULA CLEAN ENERGY
JPA Board Correspondence

DATE: February 10, 2023
BOARD MEETING DATE: February 23,2023
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 – February 2023

BACKGROUND

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

DISCUSSION

Execution Month	Purpose	Counterparty	Term
January	Sale of Import Allocation Rights for Resource Adequacy	Clean Power Alliance	1 Month

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.

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.

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 November 31st 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 November 31st 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 November 31st of the prior year	Up to 12 months

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 September and 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.

Power & Grid Symmetry, LLC

4900 9th Avenue, Sacramento, CA 95820

TO: CC Power Board of Directors and Alternates **DATE:** 2/16/2023

FROM: Tim Haines – Interim General Manager

SUBJECT: **Report on CC Power Regular Board of Directors Meeting – February 15, 2023**

The CC Power Board of Directors held its regularly scheduled meeting on Wednesday, February 15, 2023, 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:

- **Vice Chair Mitchell called the meeting to order.**
- **Matters subsequent to posting the Agenda.** None.
- **Public Comment.** None.
- **Consent Calendar** - The Board approved the following item:
  - Minutes of the Regular Board Meeting held on January 18, 2023.
- **Closed Session**
- **Report on Closed Session** – Vice Chair Mitchell announced the appointment of Alex Morris as the full time GM of CC Power effective February 27, 2023.
- **Resolution 23-02-01 Approval of General Manager Employment Agreement:** The Board unanimously approved the GM employment agreement.
- **Discussion/Update on Approved Budget and Fiscal Year.** Interim GM Haines reviewed the previously approved CC Power 2023 budget.
- **Resolution 23-02-02 Approval of Development and Possible Issuance of California Community Power Offshore Wind Request for Information.** Interim GM Haines reviewed the proposal. After discussion, the Board unanimously approved the resolution.
- **Update on Brown Act Requirements.** General Counsel Iles reviewed the Brown Act meeting requirement and described the approach CC Power begin at the March meeting.

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
BLPTA – Buyer Liability Pass Through Agreement
CAC – Citizens Advisory Committee
CAISO – California Independent System Operator
CalCCA – California Community Choice Association
CAM – Cost Allocation Mechanism
CAP – Climate Action Plan
CAPP – California Arrearage Payment Program
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) (Also PUC)
CSD – California Department of Community Services and Development
CSGT - Community Solar Green Tariff
DA – Direct Access
DAC-GT - Disadvantaged Communities Green Tariff
DER – Distributed Energy Resources
DG – Distributed Generation
DOE – Department of Energy
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 50% carbon-free (in 2021)
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
ESSA – Energy Storage Services Agreement
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
GWh – Gigawatt Hours (Energy) = 1000 MWh
IDER – Integrated Distributed Energy Resources
IOU – Investor-Owned Utility (e.g. PG&E, SCE, SDG&E)
IRP – Integrated Resource Plan
IVR – Interactive Voice Response
ITC – Investment Tax Credit (it's a solar tax credit)
JCC – Joint Cost Comparison
JPA – Joint Powers Authority
JRC – Joint Rate Comparison
JRM – Joint Rate Mailer
kW – kilowatt (Power)
kWh – Kilowatt-hour (Energy)
LDS – Long Duration Storage
LDES – Long Duration Energy Storage
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
OBF – On-bill Financing
OBR – On-bill Repayment
OES – Office of Emergency Services
OIR – Order Instituting Rulemaking
PACE – Property Assessed Clean Energy
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
PLA – Project Labor Agreement
POU – Publicly Owned Utility
PPA – Power Purchase Agreement
PPSA – Project Participation Share Agreement (CC Power)
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
SJVAPCD - San Joaquin Valley Air Pollution Control District
SMD – Share My Data, interval meter data
SQMD – Settlement Quality Meter Data
SVCE – Silicon Valley Clean Energy
TEF – Transportation Electrification Framework (CPUC Proceeding)
TNCs – Transportation Network Companies (ridesharing companies)
TOB – Tariff on Bill
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