



**REGULAR MEETING of the Board of Directors of the
Peninsula Clean Energy Authority (PCEA)
Thursday, July 25, 2019
6:30 pm**

Peninsula Clean Energy, 2075 Woodside Road,
Redwood City, CA 94061

Meetings are accessible to people with disabilities. Individuals who need special assistance or a disability-related modification or accommodation (including auxiliary aids or services) to participate in this meeting, or who have a disability and wish to request an alternative format for the agenda, meeting notice, agenda packet or other writings that may be distributed at the meeting, should contact Anne Bartoletti, Board Clerk, at least 2 working days before the meeting at abartoletti@peninsulacleanenergy.com. Notification in advance of the meeting will enable the PCEA to make reasonable arrangements to ensure accessibility to this meeting and the materials related to it. Attendees to this meeting are reminded that other attendees may be sensitive to various chemical based products.

If you wish to speak to the Board, please fill out a speaker's slip located on the tables as you enter the Board meeting room. If you have anything that you wish to be distributed to the Board and included in the official record, please hand it to a member of PCEA staff who will distribute the information to the Board members and other staff.

CALL TO ORDER / ROLL CALL

PUBLIC COMMENT

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

As with all public comment, members of the public who wish to address the Board are requested to complete a speaker's slip and provide it to PCEA staff. Speakers are customarily limited to two minutes, but an extension can be provided to you at the discretion of the Board Chair.

ACTION TO SET AGENDA and TO APPROVE CONSENT AGENDA ITEMS

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

CLOSED SESSION

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

1. PUBLIC EMPLOYEE PERFORMANCE EVALUATION
Title: Chief Executive Officer
2. CONFERENCE WITH LABOR NEGOTIATORS
Agency Designated Representatives: Jeff Aalfs and David Silberman
Unrepresented Employee: Chief Executive Officer
3. RECONVENE OPEN SESSION AND REPORT ANY ACTION(S) TAKEN DURING
CLOSED SESSION

REGULAR AGENDA

1. Chair Report (Discussion)
2. CEO Report (Discussion)
3. Citizens Advisory Committee Report (Discussion)
4. Appointment of New Member to the Citizens Advisory Committee (Action)
5. Energy Use in LEED Platinum Building Designs: Case Study of Veterans Memorial Building/Senior Center-YMCA Project in Redwood City (Discussion)
6. Authorize the Chief Executive Officer to execute agreement(s) with auto dealers whose proposals have been selected to participate in PCE's 2019 EV Dealer program (Action)
7. EV Technical Assistance Program Update (Discussion)
8. Board Members' Reports (Discussion)

CONSENT AGENDA

9. Approval of the Minutes for the June 27, 2019 Meeting (Action)

INFORMATION ONLY REPORTS

10. Time of Use (TOU) Transition CPUC Proposed Decision Update
11. Marketing and Outreach Report
12. Regulatory and Legislative Report
13. Community Energy Programs Report
14. Procurement Report

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



**PENINSULA CLEAN ENERGY AUTHORITY
Board Correspondence**

DATE: July 18, 2019
BOARD MEETING DATE: July 25, 2019
SPECIAL NOTICE/HEARING: None
VOTE REQUIRED: None

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

REPORT:

PCE Staffing Update

We have made an offer which has been accepted for the Senior Financial Analyst position. We expect this new team member to start in early August.

We have the following open positions posted on PCE website under “Join Our Team:”

- Administrative Assistant
- Business Relationship Manager
- Building Electrification Programs Manager

We appreciate your efforts to let your networks know about these openings.

PCE Legislative Activity

PCE provided a letter of support for AB 1424 (Berman) which will establish flexible consumer and operating standards for electric vehicle (EV) charging stations.

PCE Procurement Activity

On July 11, PCE staff met with an ad-hoc set of board members to review the status of the short-listed projects selected from the January 2018 RFP for long-term PPAs and provide a recommendation for moving forward with finalizing contracts.

PCE Strategic Planning Activity

On July 19, Jan met with an ad-hoc set of board members to discuss issuing an RFP for a strategic planning consultant to help develop a medium- to long-term strategic plan for the organization.

Meetings with Board Members and City Managers

No updates for this month.

Merced County Activities

No updates for this month.

Other Meetings and Events Attended by CEO

Jan presented on a panel on July 12 at the EPRI Electrification Symposium, Pathways to Decarbonization in the Western US at UC Berkeley, along with other panel members that included CEC Commissioner Patricia Monahan. The panel was moderated by CPUC Commissioner Genevieve Shiroma. Jan also participated in an invitation-only roundtable sponsored by the Silicon Valley Leadership Group that included the aforementioned commissioners as well as California State Senator Nancy Skinner.



**PENINSULA CLEAN ENERGY AUTHORITY
Board Correspondence**

DATE: July 12, 2019
BOARD MEETING DATE: July 25, 2019
SPECIAL NOTICE/HEARING: None
VOTE REQUIRED: Majority Present

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

FROM: Jan Pepper, Chief Executive Officer, and Ad Hoc Committee on Citizens Advisory Committee Appointment

SUBJECT: Appointment of One New Member to the Citizens Advisory Committee (CAC)

RECOMMENDATION: Adopt a Resolution Appointing One New Member to the Peninsula Clean Energy Authority Citizens Advisory Committee.

BACKGROUND:

On February 23, 2017, the PCE Board of Directors approved a proposal and a resolution on the formation of a new Citizens Advisory Committee (CAC), consisting of eleven (11) to fifteen (15) members. On May 24, 2017, the PCE Board of Directors appointed fifteen (15) members to the CAC. As outlined by the PCE Board of Directors, the general term for CAC members is three years.

In April 2019 and June 2019, the Board of Directors Committee for Citizens Advisory Committee Appointment solicited applications from community members to fill six vacancies on the PCE Citizens Advisory Committee. Four members were appointed by the Board on May 23, 2019, and another two members were appointed on June 27, 2019.

On July 8, 2019, Cheryl McGovern informed PCE staff that she would be stepping down from her position on the Citizens Advisory Committee.

The Board of Directors Committee for Citizens Advisory Committee Appointment intends to select a candidate from applications collected during both the April 2019 and June

2019 recruitment period to fill this additional vacancy.

The Board of Directors Committee for Citizens Advisory Committee Appointment is comprised of Rick Bonilla, Marty Medina, Charles Stone, and Wayne Lee.

Discussion:

The Board of Directors Committee for Citizens Advisory Committee Appointment will recommend the appointment of one new CAC member to the Board at the July 25, 2019 meeting.

The following criteria will be used to select the new candidate:

Candidates must:

- Be qualified in one or more of the following:
 - Outreach
 - Legislative Advocacy
 - Technical Knowledge of Energy Industry

- Represent diversity of the County:
 - Geography
 - Background
 - Ability to Reach Diverse Audiences

RESOLUTION NO. _____

PENINSULA CLEAN ENERGY AUTHORITY, COUNTY OF SAN MATEO,

STATE OF CALIFORNIA

* * * * *

**RESOLUTION APPOINTING ONE MEMBER TO THE PENINSULA CLEAN ENERGY
AUTHORITY CITIZENS ADVISORY COMMITTEE (CAC).**

RESOLVED, by the Peninsula Clean Energy Authority of the County of San Mateo, State of California (“Peninsula Clean Energy” or “PCE”), that

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

WHEREAS, Section 3.5 of the PCE Joint Powers Agreement states that the “Board may establish any advisory commissions, boards, and committees as the Board deems appropriate to assist the Board”; and

WHEREAS, PCE believes that establishment of an advisory committee, made up of members drawn from the community, would assist PCE in carrying out its mission; and

WHEREAS, the Board approved the creation of a Citizens Advisory Committee (“Committee” or “CAC”) on February 23, 2017, to be appointed by the PCE Board through an application process including review and recommendation by an ad hoc committee of the PCE Board; and

WHEREAS, the Board appointed fifteen members to the Citizens Advisory Committee on May 24, 2017, and

WHEREAS, one vacancy opened on the CAC in July 2019; and

WHEREAS, the Board publicly solicited applications for the Citizens Advisory Committee during the period of May 28, 2019 through June 11, 2019, these applications were reviewed by the ad hoc committee to fill the one vacancy; and

WHEREAS, the individual recommended by the ad hoc committee will be announced at the July 25, 2019 Board meeting, and posted on Peninsula Clean Energy's website

NOW, THEREFORE, IT IS HEREBY DETERMINED AND ORDERED that the Board appoints the individual recommended by the ad hoc committee hereto as a member of the Citizens Advisory Committee.

* * * * *



**PENINSULA CLEAN ENERGY
JPA Board Correspondence**

DATE: July 19, 2019
BOARD MEETING DATE: July 25, 2019
SPECIAL NOTICE/HEARING: None
VOTE REQUIRED: Majority Vote

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: Contracts for New EV Dealer Incentive Program

RECOMMENDATION

Delegate authority to the Chief Executive Officer to execute agreements with selected local dealerships participating in the 2019 New Electric Vehicle (EV) Dealer Incentive Program in an amount not to exceed \$250,000 per agreement. The total combined amount of all agreements shall not exceed \$1,250,000.

BACKGROUND

As part of PCE's mission to reduce greenhouse gasses (GHGs), PCE is targeting the transportation sector which is the largest source of GHGs in the County. The overall strategy includes marketing, EV infrastructure incentives, building code enhancements, and vehicle incentives. The New EV Dealer Incentive Program is intended to address up-front cost of EVs which is one of the key barriers to EV adoption.

In 2018, after Board approval, PCE implemented the New Electric Vehicle (EV) Dealer Incentive Program to motivate the adoption of EVs among San Mateo County residents. The 2018 program partnered with three local dealerships, which were selected through a competitive process in which dealers were eligible to apply by offering discounts below the Manufacturer's Suggested Retail Price (MSRP) on their EVs. In addition to the discounts offered, PCE provided a \$1,000 rebate to consumers at the time of sale/lease and a \$250 incentive to participating dealerships per vehicle sold/leased.

The promotion ran from October 1 through December 31 of 2018 and included significant marketing from PCE including direct mail, email outreach, online ads, and print ads, as well as outreach through the EV test drive program (“ride and drives”) events. The program resulted in 120 vehicles sold or leased in Q4.

In April 2019, the Board approved the continuation of the New EV Dealer Incentive Program over the next three years (2019-2021). Each year, PCE staff will select partner dealerships through a competitive process in which dealerships submit proposal offering discounts to San Mateo County residents during the promotion period. The promotion period is likely to be October through December in each year.

Budget. Approximate allocation over three-years:

- \$100,000 for program administration support (dealer recruitment, training, rebate management)
- \$1,250,000 incentives (up to 1,000 vehicles, \$1,000 for full battery EVs and \$700 for plug-in hybrid EVs for customers, \$250 for dealerships)
- \$250,000 marketing (marketing budget)

Qualifications for the program:

- Dealer must be a PCE customer
- Customers must be residents of San Mateo County
- Vehicle eligibility: 25 miles for plug-in hybrids (PHEV) and all ranges for battery-electric vehicles (BEV)¹.

Timeline for the program:

- June: Issue dealer RFP and execute administrator contract
- August: Execute dealer contracts and initial planning
- October-December: Open vehicle promotion
- Q1 following year: Report out on results

DISCUSSION

As with the 2018 program, the 2019 program includes invitations to all dealerships in the County to participate on a competitive basis. A maximum of one dealership per automaker will be selected based on the best discounts the dealership is able to provide below the MSRP. Dealerships must be PCE customers to participate. PCE will run the promotion in the fourth quarter of each year, providing significant marketing such as mailers, email, online ads, and print ads. PCE has adjusted the customer incentive levels to \$1,000 for full battery electric vehicles and \$700 for plug-in hybrid electric vehicles. In addition, a \$250 incentive will be provided to the dealership for each vehicle sold or leased. The \$1,000 or \$700 customer incentive will be applied at point-of-sale through the dealer to simplify the buyer experience. The PCE incentives are paid to the

¹ Range requirement for BEV removed and increased to 25 for PHEV from 2018 program

dealer only after receipt of written confirmation that the customer received the expected deal.

PCE released the dealer Request for Proposals (RFP) on June 11 and will be accepting proposals until August 1. As anticipated, dealers' interest in the program has grown significantly from 2018, consistent with the experience of Sonoma Clean Power which ran a similar program for the past three years. As of July 18, 2018, PCE has received four proposals. Additionally, four other dealers have expressed interest in submitting a proposal. Outreach is ongoing and additional dealerships may participate.

Though total vehicle uptake over the promotion period is difficult to project, PCE anticipates higher participation this year and in future years due to a larger number of participating dealers (giving customers more vehicle choices) and higher awareness of the program. Staff's target is to reach a minimum of 250 vehicles this year.

PCE intends to select dealers and execute agreements by the end of August to have sufficient time for training and marketing planning before the promotion begins on October 1, 2019. Thus, PCE staff requests that the Board delegate authority to the CEO to sign these agreements prior to dealer selections. Each agreement will be for an amount not to exceed \$250,000 per agreement which would accommodate a maximum of 200 vehicles per dealership. The total combined amount of all agreements shall not exceed \$1,250,000.

Staff requests delegation of authority to the CEO to sign the dealer agreements due to timing considerations. Dealer selections are anticipated to be made in mid-August and marketing plans and materials must be subsequently put in place promptly to meet the October 1, 2019 program launch date.

RESOLUTION NO. _____

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

* * * * *

RESOLUTION DELEGATING AUTHORITY TO THE CHIEF EXECUTIVE OFFICER TO EXECUTE AN AGREEMENTS WITH SELECTED DEALERSHIPS PARTICIPATING IN THE NEW ELECTRIC VEHICLE DEALER INCENTIVE PRORAM IN AN AMOUNT NOT TO EXCEED \$250,000 PER AGREEMENT AND TOTALING NO MORE THAN \$1,250,000.

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, supporting electric vehicles are an important mechanism for reducing greenhouse gas emissions and improving the local economy; and

WHEREAS, vehicle incentives and discounts are important in reducing the high cost barrier for customers and increasing sales above business as usual; and

WHEREAS, PCE issued a request for proposals on June 11, 2019, seeking San Mateo County dealerships offering time-limited discounts available to all San Mateo County residents during the months of October through December of 2019; and

WHEREAS, PCE anticipates selecting one dealership per brand of original equipment manufacturer (OEM) based on proposed discounts and dealership qualifications to participate in the New Electric Vehicle Incentive Program; and

WHEREAS, the selected dealers will have agreed on the core terms of an agreement proposed by PCE staff to be effective from approximately September 2019 through March 2020 in an amount not to exceed \$250,000; and

WHEREAS, the Board wishes to delegate to the Chief Executive Officer authority to finalize and execute the aforementioned Agreements.

NOW, THEREFORE, IT IS HEREBY DETERMINED AND ORDERED that the Board delegates authority to the Chief Executive Officer to finalize and execute Agreements with selected dealerships participating in the New Electric Vehicle Dealer Incentive Program in an amount not to exceed \$250,000 per agreement and totaling no more than \$1,250,000.

* * * * *



**PENINSULA CLEAN ENERGY AUTHORITY
JPA Board Correspondence**

DATE: Jul. 12, 2019
BOARD MEETING DATE: Jul. 25, 2019
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: Electric Vehicle Charging Infrastructure Technical Assistance Selection Update

SUMMARY

This memo serves to provide an update on the Technical Assistance Consultant RFP Process, a component of the Electric Vehicle Charging Infrastructure Incentive Program approved by the board in December 2018. The Technical Assistance Program will provide outreach and guidance to large workplaces, apartments, and condominiums to facilitate the deployment of EV charging. Evaluation of proposals received by PCE is underway and staff anticipates bringing a recommended awardee to the Board in August 2019.

BACKGROUND

The EV Charging Infrastructure Program is PCE's largest program to date and is intended to address a key barrier in the EV market. For private vehicles, the market can be segmented into four major categories based on whether the vehicle owner can or cannot charge and whether they can or cannot afford an EV. The following matrix identifies how the current PCE EV programs operate for each market segment:

	Can charge (mainly home garage)	Cannot charge (mainly multi-unit dwellers)
Can afford Or close to afford	<i>EV Test Drives</i> + <i>New EV Dealer Incentives</i>	<i>EV Charging Infrastructure Incentives</i> + <i>Reach Codes</i>
Cannot afford	<i>DriveForward Electric</i> (Low Income Incentive)	

In December 2018, the Board approved the Electric Vehicle Charging Infrastructure Incentive Program, a 4-year \$16 million program intended to accelerate the deployment of electric vehicle

charging infrastructure in San Mateo County, to open the EV market via charging access, and to provide an extended term to support scaled planning and execution. The funds approved are allocated to the following program components:

1. Charging Infrastructure Incentives: \$12 million - Incentives to property owners for installation of EV charging infrastructure (multi-unit dwellings, workplace, curbside, fast charging).
2. Technical Assistance Consultant: \$2 million - Outreach, education and technical assistance to secure locations and assist with site technical needs.
3. Workforce Development: \$1 million - Workforce training including reaching underserved communities.
4. Program Administration: \$1 million - Program administration needs including incentive verification and disbursement, contractor management, and data systems.

The program anticipated leveraging complementary funding across multiple sources including site host cost share, Air Quality Management District, California Energy Commission (CEC), and Electrify America. PCE has submitted a joint application to the CEC (with Silicon Valley Clean Energy, San Jose Clean Energy, Palo Alto and Silicon Valley Power) for inclusion of San Mateo and Santa Clara Counties to receive additional State funding for EV infrastructure through the California Electric Vehicle Incentive Project (CALeVIP). The application requires co-funding match by local agencies. PCE's planned \$12 million for EV charging incentives serves as the match for the CALeVIP application. Indications appear favorable that the application will be supported but a final determination remains forthcoming.

The PCE program intends to help deploy at least 3,500 charge ports across target segments in alignment with State targets. Approximate ports anticipated to be installed during the program term:

Segment	Port Count
Schools and community colleges	900
Workplace, including municipal	900
Multi-unit dwellings	1,600
Fast charging	100
TOTAL	3,500

The Technical Assistance Consultant will support the Electric Vehicle Charging Infrastructure Incentive Program by providing outreach and upfront technical assistance to facilitate project initiation. The consultant will assist project development in three areas: (1) conduct initial outreach to specific market segments, (2) conduct workshops to educate property owners on charging and its benefits, and (3) provide technical assistance to interested properties to identify the project size and scope for their property.

Supporting elements of the overall program include the Workforce Development grants. This is under development and planned to support local organizations providing training across a broad range of career pathways to support electrification of transportation. Potential programs could include apprenticeship programs, programs reaching communities with challenges for entering the workforce, and youth programs.

Staff is also engaged in implementing a number of technical systems to support administration of the program.

DISCUSSION

The Technical Assistance Consultant RFP was released to the general public on April 30, 2019 and closed June 5, 2019. The RFP asked respondents to address the following:

1. Within the identified market segment(s), conduct outreach to PCE-identified candidates and consultant-identified candidate sites (as approved by PCE) to encourage deployment of EV charging infrastructure
2. Educate and evaluate sites for specific program applicability including existing electrical capacity and parking layout
3. Provide potential candidate sites with specific recommendations regarding EV charging type, count, layout make-ready(s) including capital and operational costs, Americans with Disabilities Act (ADA) considerations, etc.
4. Support and encourage candidate sites to participate in PCE's EVCI Incentive Program and non-PCE incentives, including yet to be identified third-party EVCI incentive programs in a manner that maximizes site benefit while maximizing the leverage of PCE's investments.

The process received proposals from nine companies and their corresponding bid partners. With assistance from a member of the Community Advisory Committee (CAC), three finalists have been selected. Priorities in the selection process include:

- Credentials, Capacity to Execute and Past Experience
- Administrative & Budget Efficiency
- Marketing & Outreach Strategy (ability to reach target markets)
- Demonstrated Ability to address Market Segment Challenges
- Other Factors (including compliance with PCE sustainable workforce requirements)

A committee made up of senior staff, a member of the CAC and invited staff from Silicon Valley Clean Energy will interview the finalists. Staff intends to bring a recommendation to the Board in August 2019.



**REGULAR MEETING of the Board of Directors of the
Peninsula Clean Energy Authority (PCEA)
Thursday, June 27, 2019
MINUTES**

Peninsula Clean Energy
2075 Woodside Road, Redwood City, CA 94061
6:30 p.m.

CALL TO ORDER

Meeting was called to order at 6:38 p.m.

ROLL CALL

Present: Dave Pine, County of San Mateo
Jeff Aalfs, Town of Portola Valley, *Chair*
Rick DeGolia, Town of Atherton, *Vice Chair*
Charles Stone, City of Belmont
Donna Colson, City of Burlingame
Carlos Romero, City of East Palo Alto
Catherine Mahanpour, City of Foster City
Harvey Rarback, City of Half Moon Bay
Catherine Carlton, City of Menlo Park
Wayne Lee, City of Millbrae
Deirdre Martin, City of Pacifica
Ian Bain, City of Redwood City
Marty Medina, City of San Bruno
Sara McDowell, City of San Carlos
Rick Bonilla, City of San Mateo
Daniel Yost, Town of Woodside
John Keener, Director Emeritus
Pradeep Gupta, Director Emeritus

Absent: County of San Mateo
City of Brisbane
Town of Colma
City of Daly City
Town of Hillsborough
City of South San Francisco

Staff: Jan Pepper, Chief Executive Officer
Andy Stern, Chief Financial Officer
Leslie Brown, Director of Customer Care
David Silberman, General Counsel
Tj Carter, Marketing Associate
Anne Bartoletti, Board Clerk/Executive Assistant to the CEO

A quorum was established.

PUBLIC COMMENT:

Doug Silverstein, Burlingame
Diane Bailey, MenloSpark

ACTION TO SET THE AGENDA AND APPROVE CONSENT AGENDA ITEMS

Motion Made / Seconded: Lee / Yost

Motion passed unanimously 16-0 (Absent: County of San Mateo, Brisbane, Colma, Daly City, Hillsborough, South San Francisco)

REGULAR AGENDA

1. CHAIR REPORT

Jeff Aalfs—Chair—reported that seven cities have signed Letters of Intent (LOI) to review new building Reach Codes, he announced that PCE is developing a Strategic Plan.

2. CEO REPORT

Jan Pepper—Chief Executive Officer—introduced Peter Levitt, the Associate Manager of Distributed Energy Resource Strategy at PCE, and provided an update on staffing. Jan provided a legislative update, and announced that the Executive Committee meetings that were scheduled to take place on July 8, 2019 and August 12, 2019, had been cancelled.

3. CITIZENS ADVISORY COMMITTEE REPORT

Michael Closson—Chair—reported that the Citizens Advisory Committee (CAC) received a presentation on the all-electric construction of a new seniors' center in Redwood City. Michael announced that his term as CAC Chair is coming to an end, but he will continue to serve on the committee.

4. APPOINTMENT OF TWO NEW MEMBERS TO THE CITIZENS ADVISORY COMMITTEE (CAC)

Rick Bonilla—Board member—reported that the Board of Directors Committee for Citizens Advisory Committee Appointment recommends the appointment of Morgan Aitken-Young and Steven Booker. Rick distributed a handout of background information on Morgan and Steven.

Motion Made / Seconded: Lee / Bain

Motion passed unanimously 16-0 (Absent: County of San Mateo, Brisbane, Colma, Daly City, Hillsborough, South San Francisco)

5. UPDATE ON PCE'S SCHOOLS AND YOUTH ENGAGEMENT PROJECTS

Tj Carter—Marketing Associate—presented an overview of PCE's projects with schools and youth through a partnership with San Mateo County Office of Education (SMCOE), including providing special awards through the San Mateo County STEM Fair, educating teachers and students about energy use through the Dashboard Pilot in San Carlos, funding Clean Energy Teacher Fellowships, and developing a Schools Activity Packet for high school math and science students. The general consensus of the Board was that PCE's outreach to teachers, youth, and schools is important.

6. RECOMMEND APPROVAL BY THE BOARD OF THE REVISED SPENDING BUDGET FOR FY2018-2019 TO AUTHORIZE TOTAL SPENDING ON OPERATING EXPENSES IN AN AMOUNT NOT TO EXCEED \$210,000,000

Andy Stern—Chief Financial Officer—reported that budget forecasts project that PCE will exceed the authorized spending budget for Fiscal Year 2018-2019, primarily due to a higher cost of electricity during the third fiscal quarter. Andy reported that PCE will mitigate future market volatility through a variety of means, including increased hedging, additional PPAs (Power Purchase Agreement), and maintaining or increasing PCE's reserves. Andy reported that the recommendation to the Board is to approve a revised budget of \$210.0 million.

Motion Made / Seconded: Lee / Stone

Motion passed unanimously 16-0 (Absent: County of San Mateo, Brisbane, Colma, Daly City, Hillsborough, South San Francisco)

PUBLIC COMMENT:

Mark Roest, SeaWave Battery

7. APPROVE FISCAL YEAR 2019-2020 BUDGET

Andy Stern reviewed key assumptions for the Fiscal Year (FY) 2019-2020 budget, including a rate change, projected increases in PCIA, and increases in staffing. Andy reviewed the proposed FY2019-2020 budgeted cost detail, projected energy costs, and the projected 5-year plan.

The Board discussed PCE's reserves and the potential impacts of projected increases in the PCIA (Power Charge Indifference Adjustment).

Motion Made / Seconded: Stone/ Lee

Motion passed unanimously 16-0 (Absent: County of San Mateo, Brisbane, Colma, Daly City, Hillsborough, South San Francisco)

8. AUTHORIZE AN EXTENSION TO SEPTEMBER 1, 2019 FOR THE ADJUSTMENT IN PENINSULA CLEAN ENERGY'S (PCE'S) RATES TO MAINTAIN A 5% DISCOUNT IN GENERATION CHARGES COMPARED TO PG&E

Leslie Brown—Director of Customer Care—reported that planned rate changes this year have been challenging due to delays in PG&E's 2019 ERRRA (Energy Resource Recovery Account) and AET (Annual Electric True-Up) approvals. She reported that PG&E plans to adjust rates on July 1, 2019, and PCE will also adjust rates on July 1, 2019, to maintain a 5% discount in generation charges compared to PG&E. Leslie reported that PCE staff have requested an extension to September 1, 2019, in case there are any unexpected delays.

Motion Made / Seconded: Lee / Carlton

Motion passed unanimously 16-0 (Absent: County of San Mateo, Brisbane, Colma, Daly City, Hillsborough, South San Francisco)

9. BOARD MEMBERS' REPORTS

John Keener reported that Nevada Energy announced three new solar projects. Deirdre Martin reported that pilot projects are taking place in Pacifica to capture energy from ocean waves, and introduced (Kevin) King Lung Chan, the inventor of a device for generating electricity from ocean waves, who was in the audience.

Jeff Aalfs reported that at the Silicon Valley Energy Summit at Stanford, there was a discussion of PG&E's request to increase the cost of capital to 17%, which would increase rates for customers. Jan reported that PCE and CalCCA (California Community Choice Association) are protesting the request to increase the cost of capital.

ADJOURNMENT

Meeting was adjourned at 8:50 p.m.



**PENINSULA CLEAN ENERGY AUTHORITY
JPA Board Correspondence**

DATE: July 15, 2019
BOARD MEETING DATE: July 25, 2019
SPECIAL NOTICE/HEARING: None
VOTE REQUIRED: None

TO: Honorable Peninsula Clean Energy Authority Board of Directors
FROM: Leslie Brown, Director of Customer Care
SUBJECT: TOU (Time of Use) Transition CPUC Proposed Decision Update

BACKGROUND:

As previously discussed at the March and April 2019 Board meetings, PCE has been working closely with PG&E and the other active CCAs for the past year in anticipation of the statewide default TOU transition beginning in October of 2020. As part of the statewide rollout, PCE residential customers are currently scheduled to transition to the TOU rate towards the end of the 13-month plan, in September 2021.

The CPUC has set out specific guidelines regarding the process for transitioning customers to a TOU rate, including a requirement that the IOU's provide bill protection for bundled customers during the first year of service after the transition. Bill protection ensures that each customer can try the new TOU rate schedule for a full year without worrying about whether or not it would cost more. A comparative rate analysis will be performed at the end of the first year of service and if the customer would have been charged less on the old E1 rate schedule, they will be refunded the difference. The CPUC does not have jurisdiction over the CCAs, and therefore cannot mandate that CCAs also participate in the TOU transition and offer bill protection. However, in order to provide a consistent transition experience for all customers throughout the state, CCAs are being encouraged to follow the CPUC's ruling to offer similar bill protection for the first year following transition.

Formally adopting the proposed TOU transition plan, including whether PCE will participate in bill protection, is an item that staff will bring back to the Board for a vote in either August or September of 2019.

DISCUSSION:

Update to proposed TOU plan as of July 2019

A Proposed Decision on the 2018 Rate Design Window (RDW) was released in June which addressed logistics for the planned Residential TOU transition beginning in October 2020. In most areas the CPUC agreed with PG&E’s proposed plan and only offered an alternative decision on a few key provisions. Below is a summary of the major components of the TOU plan and modifications (if applicable) currently proposed by the CPUC. Highlighted in the chart below are two items, in particular, that would have the most potential impact on PCE customers. First, PG&E had initially proposed that TOU-C become the default start rate for customers not electing a different service option beginning in April of 2020. The CPUC has said that TOU-C should not become the default rate until the TOU transition begins in October 2020 delaying that implementation several months. And second, PG&E had proposed to NOT transition customers in CCA territories who didn’t affirmatively elect to participate in the transition plan. In the Proposed Decision the CPUC has determined that PG&E must transition all eligible customers regardless of whether or not the CCA also elects to participate in the transition plan. This decision further reinforces the need for PCE to elect to participate in the full transition plan to ensure our customers have a clear and consistent transition experience as PG&E will be required to transition the T&D rate components whether or not PCE chooses to participate.

Topic	As PG&E Proposed	Modified by PD
Default Rate	<ul style="list-style-type: none"> • E-TOU-C with 4 – 9 pm peak • Peak/Off-peak differential of 6.3 cents summer/1.7 cents winter 	<ul style="list-style-type: none"> • Include peak differential in distribution component • Total ratio (distr + gen) still adds up to 6.3 and 1.7 • Proposed revised differential in next GRC (General Rate Case) Phase II • Becomes standard rate in Oct 2020
Implementation Plan	<ul style="list-style-type: none"> • As proposed with flexibility to revise • Oct 2020 start 	<ul style="list-style-type: none"> • No longer than 18 months • Regular updates on significant changes to PRRR (Progress on Residential Rate Reform reports) and Working Group

ME&O (Marketing, Education & Outreach)	<ul style="list-style-type: none"> • Approved as proposed with flexibility to adjust • “unified campaign preferred” • “encourage CCAs to take advantage of customer research and testing of IOUs” 		
CCAs	<ul style="list-style-type: none"> • Oct 2019 deadline for CCAs to commit to participate • No MOU required • CCA not required to offer bill protection; IOUs do not pay for CCA bill protection • Proxy rate comparison tool is reasonable • Incremental modeling for CCA specific rate borne by that CCA 	<ul style="list-style-type: none"> • CCAs may provide details 6 months prior to their implementation month 	
Bill Protection	<ul style="list-style-type: none"> • Customers defaulted to TOU-C • Customers opting in to TOU-C from E1 	<ul style="list-style-type: none"> • NOT to customers opting in from another TOU rate • NOT for start or transfer customers 	
Exclusions	<ul style="list-style-type: none"> • “Vulnerable customers” per statute: Medical, In-person visit, Third party notifications • >12 months of interval data, inadequate interval data, master metered • CARE/FERA in hot zones • Transitional bundled customers 	<p>Don't exclude:</p> <ul style="list-style-type: none"> • Customers with more than 3 SA's (Service Agreements) • Customers of CCAs that decline to participate in the transition • Direct Access customers 	

Next Steps:

By October 2019, confirm participation with PG&E for CPUC filings

- Confirm PCE TOU transition and timing
- Confirm PCE general rate structure and bill protection plans for first year of TOU operation
- Staff will bring a resolution to the Board in either August or September



**PENINSULA CLEAN ENERGY AUTHORITY
Board Correspondence**

DATE: July 12, 2019
BOARD MEETING DATE: July 25, 2019
SPECIAL NOTICE/HEARING: None
VOTE REQUIRED: None

TO: Honorable Peninsula Clean Energy Authority (PCE) Board of Directors
FROM: Kirsten Andrews-Schwind, Senior Manager, Communications and Outreach
Leslie Brown, Director of Customer Care
SUBJECT: Update on PCE's Marketing and Outreach Activities and Enrollment Statistics

BACKGROUND:

The Marketing and Communications Team has been busy managing press coverage, public relations, local programs marketing, community outreach, PCE's online and social media presence, responding to customer requests, and preparing future campaigns.

DISCUSSION:

Spread the Word: 2019 Community Outreach Grants RFP

Peninsula Clean Energy invites nonprofit organizations and local government agencies to apply for grants to fund collaboration with our outreach team to provide accurate information about PCE to members, clients, constituents, and broader audiences. Grants will be awarded in amounts up to \$40,000 per outreach project, for work to be completed by the end of July 2020. Organizations may apply for funding for more than one project. *Responses are due Wednesday, July 31, 2019.*

Learn more: www.peninsulacleanenergy.com/2019-community-outreach-grant-rfp/

New! Follow @PCEGoElectric on Twitter

Peninsula Clean Energy has launched a new Twitter account specifically to engage San Mateo County residents in conversation about our programs and going electric. One of the easiest and most effective ways you can help PCE get the word out about our news, programs, and events is to engage with our social media posts.

Please **follow, like, comment on, and share posts from all four** PCE social media accounts:

Twitter

[@PenCleanEnergy](#): Our original Twitter account with a focus on sharing organizational news, industry news, and media coverage highlighting PCE as a leader in the CCA movement. Audience is statewide, though with a fair number of national and international followers as well. Used to promote messages that help the CCA movement in the reg/leg world. Tone is official and serious.

[@PCEGoElectric](#): New Twitter account with a focus on promoting participation in PCE programs and EV test drive events. Audience is San Mateo County residents. Tone is more lighthearted, with goal of engaging customers and residents in fun lifestyle conversations about going electric. Please follow, share, comment, or tag our handle or hashtag #PCEGoElectric with photos of or articles about electric cars, bikes, buses, induction stoves, or heat pump hot water heaters. Pics that include kids and pets are great. Help us grow our following!

Facebook

[@PenCleanEnergy](#): Focus is on community events and outreach, especially promoting EV test drive events. Audience is San Mateo County residents broadly. Tone is lighthearted and fun. Currently featuring a very successful series on #DogsofPCE to broaden our audience. Tag us and we'll share your post.

LinkedIn

[Peninsula Clean Energy](#): Focus is on job recruitment and sharing organizational news for a largely energy industry audience, leveraging the professional networks of our staff. Tone is informational and serious.

Electric Vehicle Test Drive Events

Please join PCE at the following events, and help us spread the word in your community:

- **Facebook Festival**

- When: Saturday, August 17th from 1:00 pm – 6:00 pm
- Where: Facebook HQ, 1 Hacker Way, Menlo Park, CA 94025

- **Burlingame on the Ave**

- When: Sunday, August 18th from 11:00 am - 3:00 pm
- Where: Burlingame Avenue (between El Camino Real and California Dr), Burlingame, CA 94010

If you are interested in hosting one of PCE's EV test drive events at your community event and/or at your workplace in San Mateo County, please contact programs@peninsulacleanenergy.com

Workshops for Solar Customers

In response to a suggestion from our Citizens Advisory Committee, we are continuing our public workshop series for solar customers to learn about the Peninsula Clean Energy charges on to their PG&E bills. The response from solar customers has been enthusiastic. Our first workshop scheduled for Wednesday July 31st 6:30-8:00 is already full!

Space is available in the second workshop:

Date: Friday August 9, 2019

Time: 12:00 pm - 1:30 pm

Location: PCE Office, 2075 Woodside Road, Redwood City CA

RSVP is required to attend. Please RSVP to marketing@peninsulacleanenergy.com

Recent Press Coverage

Complete news coverage is at <https://www.peninsulacleanenergy.com/news-media/>

- ["Some Americans Fret About Green Power's Shortcomings, But It's Working Here"](#), Silicon Valley Biz Journal, July 2019
- ["Silicon Valley Energy Customers Have Access To Cleaner Power Than CA Or The U.S. Average"](#), Joint Venture, July 2019
- ["The New Kid On The Block: CCAs Face Credit, Other Challenges To Lead California's Renewable Energy Growth"](#), Utility Drive, July 2019
- ["Why California Is No Longer The Top US Market For Utility-Scale Solar"](#), Greentech Media, July 2019
- ["A Green New Deal For Every Peninsula City"](#), The Daily Journal, June 2019
- ["Bay Area's New Local Electricity Suppliers Reach Another Legitimacy Milestone"](#), Silicon Valley Business Journal, June 2019

- [“Calif. Energy Program Hires Fleet Manager to Lead Vehicle Electrification Efforts”](#), Government Fleet, June 2019
- [“Grid Next Door”](#), Palo Alto Online, June 2019

Upcoming Outreach Events

PCE will be attending or tabling at the upcoming community outreach events.

Wednesday	31-Jul	PCE Solar Workshop	PCE Office
Thursday	1-Aug	PG&E Wildfire Safety Open House (PCE attending)	Maverick's Event Center
Saturday	3-Aug	Dog Surfing Championships	Linda Mar State Beach, Pacifica, CA 94044
Thursday	8-Aug	NASA Ames Street Fair	NASA Ames, Mount View
Friday	9-Aug	Solar Workshop	PCE Office
Saturday	17-Aug	Facebook Ride and Drive	Facebook
Saturday	17-Aug	Clean Cars for All	Joseph A. Fernekes Recreation Building, 781 Tennis Dr, South San Francisco, CA 94080, USA
Saturday	17-Aug	Burlingame on the Avenue table only	Burlingame Ave
Sunday	18-Aug	Burlingame on the Avenue Ride & Drive	Burlingame Ave
Saturday	24-Aug	Foster City SummerDays Ride & Drive (possible)	Leo J. Ryan Park
Sunday	15-Sep	Fiestas Patrias	Downtown Redwood City

Enrollment Statistics to Date

Opt-out rates decreased in June compared to May, and we are enjoying a significant decrease in opt-outs as compared to 2018. Our overall participation rate is 97.21% of eligible accounts.

Opt-Outs by City

CITY	Eligible Ac	Total	TOTAL OPT OUT %
PORTOLA VALLEY INC	1,684	111	6.59%
SAN BRUNO INC	16,525	648	3.92%
SO SAN FRANCISCO INC	25,252	905	3.58%
PACIFICA INC	15,470	552	3.57%
EAST PALO ALTO INC	7,930	269	3.39%
DALY CITY INC	33,993	1120	3.29%
MILLBRAE INC	9,366	276	2.95%
HALF MOON BAY INC	4,966	144	2.90%
UNINC SAN MATEO CO	24,528	701	2.86%
SAN MATEO INC	44,444	1142	2.57%
BELMONT INC	11,976	307	2.56%
SAN CARLOS INC	14,616	366	2.50%
HILLSBOROUGH INC	4,045	88	2.18%
REDWOOD CITY INC	35,212	754	2.14%
BURLINGAME INC	15,441	327	2.12%
FOSTER CITY INC	14,742	301	2.04%
BRISBANE INC	2,538	50	1.97%
WOODSIDE INC	2,291	41	1.79%
ATHERTON INC	2,698	43	1.59%
COLMA INC	757		
MENLO PARK INC	15,815	228	1.44%
Grand Total	304,289	8,384	2.76%
Adjusted Total	304,016	7,479	2.46%

There are now over 5,600 accounts in ECO100. In addition to the County, there are a total of 15 ECO100 cities. The ECO100 towns and cities as of July 12, 2019 include Atherton, Belmont, Brisbane, Burlingame, Colma, Foster City, Half Moon Bay, Hillsborough, Menlo Park, Millbrae, Portola Valley, Redwood City, San Carlos, San Mateo, Woodside, and the County of San Mateo.

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

Active Accounts by City and Opt-Up Rate

City	ECO100	Active Accounts	Opt-Up %
Atherton	56	2,820	1.99%
Belmont	139	10,386	1.34%
Brisbane	84	2,514	3.34%
Burlingame	268	15,283	1.75%
Colma	25	675	3.70%
Daly City	99	33,548	0.30%
East Palo Alto	24	7,888	0.30%
Foster City	304	14,922	2.04%
Half Moon Bay	83	4,418	1.88%
Hillsborough	67	3,780	1.77%
Menlo Park	458	16,091	2.85%

Millbrae	108	9,512	1.14%
Pacifica	157	15,409	1.02%
Portola Valley	1,485	1,699	87.40%
Redwood City	675	35,533	1.90%
San Bruno	102	14,562	0.70%
San Carlos	274	14,271	1.92%
San Mateo	552	42,780	1.29%
So San Francisco	117	22,099	0.53%
Uninc San Mateo Co	498	24,444	2.04%
Woodside	57	2,381	2.39%
Grand Total	5,632	295,015	1.91%



**PENINSULA CLEAN ENERGY AUTHORITY
Board Correspondence**

DATE: July 12, 2019
BOARD MEETING DATE: July 25, 2019
SPECIAL NOTICE/HEARING: None
VOTE REQUIRED: None

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

FROM: Joseph Wiedman, Director of Regulatory and Legislative Affairs
 Jeremy Waen, Manager of Regulatory Affairs
 Doug Karpa, Senior Regulatory Analyst

SUBJECT: Update on PCE's June-July Regulatory and Legislative Activities

SUMMARY:

The regulatory and legislative team has continued to be busy from the end of June through July, on a range of particularly important issues, including resource adequacy, integrated resources planning, mechanisms for making excess IOU resources available to reduce the PCIA, and ERRRA matters. As discussed in more detail below, PCE, as part of CalCCA (California Community Choice Association), a coalition of CCAs (Community Choice Aggregators) or on its own behalf, submitted five pleadings at the California Public Utilities Commission (CPUC or Commission) or before other regulatory bodies in the state. PCE's regulatory and legislative team attended three other stakeholder meetings. In addition, the regulatory and legislative team has taken on key leadership roles in several critical regulatory working groups to advance PCE's mission both among other CCA staff and in negotiation with IOU and regulatory staff.

DEEPER DIVE:

Regulatory Advocacy and Outreach

A.19-04-015 – PG&E Cost of Capital Proceeding – On June 17, 2019, Joe Wiedman attended a prehearing conference which sets the scope of issues to be considered and the schedule for the docket. Mr. Wiedman discussed the Joint CCAs support for dismissing PG&E's application or staying the application until PG&E exits from bankruptcy. On May 24, 2019, PCE joined EBCE and the City of San Jose in filing a response to PG&E's application requesting an increase in its cost of capital to over sixteen percent. PCE regulatory team does not anticipate a deep engagement in the docket going forward. Instead, PCE team will serve as a strategy advisor on the docket. CCSF also filed a protest to the docket presenting detailed arguments concerning PG&E's proposal and the need for hearings and record in order to make a decision.

R.19-03-009 – Direct Access Expansion – On June 3, 2019, the Commission issued D.19-05-043 which implemented Phase 1 of the Direct Access (DA) docket. The decision authorized the raising of the DA cap in two equal enrollment phases of 2GW. The first enrollment will be based off of the current 2018 DA waitlist and the second will be based off of a refreshed 2019 DA waitlist. The first tranche of DA will be eligible to depart IOU/CCA service on January 1, 2021 in order to minimize cost shifting due to procurement of resource adequacy. To assist CCAs in managing departures, the IOUs will be required to provide CCAs with aggregated hourly peak demand (MW) and hourly load (MWh) for the latest entire year. The first notification will occur on September 10, 2019 and the second (final) notice will occur on February 20, 2020 after DSARs have been submitted.

R.17-09-020 – Resource Adequacy (RA) – The CPUC's RA proceeding continues on two tracks - Track 2 (Local RA reform) and Track 3 (2020 RA requirements and other proposals). In Track 2, the Commission reached a Decision on Thursday, February 21, 2019 that adopts a multi-year Local RA requirement for 2019, but the Decision punts the implementation of a Central Buyer for Local RA to a second Track 2 Decision that the CPUC intends to reach by Q4 of 2019. The Decision directs for at least three workshops to be convened between now and October to further deliberate over a Central Buyer construct to inform that Q4 Decision. The first of these workshops (facilitated by the IOUs to discuss full, residual, & hybrid models) was scheduled as a two-day workshop on April 22, 2019 and April 23, 2019. The second workshop (facilitated by the CCAs to discuss "who" should be the central buyer) occurred on May 15, 2019 at the CPUC. Jeremy Waen (alongside Evelyn Kahl (legal counsel), Hilary Staver (SVCE), and Melissa Brandt (EBCE) participated in a panel presentation representing CalCCA's perspectives on who the central buyer of Local RA might be, weighed the pros and cons, and fielded questions from the audience. The third workshop on central buyer matters was led by Shell Energy North America (SENA) and convened on May 22, 2019. The IOUs, CalCCA, and SENA are working to jointly prepare a workshop report to be submitted into the CPUC's records on July 17, 2019. On July 3, 2019 the CPUC issued a [ruling seeking comments](#) on clarification to resource adequacy import rules. Comments on the questions raised in this ruling are due July 19, 2019 with reply comments on July 26, 2019. CalCCA is reviewing and evaluating how to respond. Track 3 of the RA case is intended to adopt RA requirements for year 2020 and consider additional outstanding proposals raised by parties within this proceeding. On July 5, 2019 the Commission issued its [Final Decision](#) on Track 3 matters concluding this track.

A.18-11-003 – PG&E Comm. EV Rates – On June 21, 2019, PCE and MCE jointly filed an opening brief in the docket. The joint CCAs argued that the Commission should set up a balancing account and true-up mechanism to assisting with determining whether PCIA charges collected in these new rates are accurate and, if not, allow for refund or additional collections. The opening brief also argued that the Commission should require PG&E to develop an optional rate within which the PCIA charge is time differentiated.

A.18-06-001 – PG&E 2019 ERRRA Forecast – On June 27, 2019 PG&E issued its final Advice Letter 5573-E to implement its 2019 bundled generation, PCIA, CTC, and CAM rates as the final step within its 2019 ERRRA Forecast proceeding thereby concluding this proceeding.

A.19-06-001 – PG&E 2020 ERRRA Forecast – On June 3, 2019 PG&E submitted its application and testimony to kick off the next ERRRA forecast proceeding cycle. This forecast intends to pick up where the last one left off in terms of implementing the changes coming out of the PCIA OIR. On July 5, 2019 PCE, alongside seven other CCAs (EBCE, MCE, Pioneer, SJCE, SVCE, SCP, and VCE), submitted a [Joint CCA protest](#) to PG&E's initial filings. Over 40 pages in length, this Protest highlights both specific detailed matters and procedural matters that must be addressed

within the course of this proceeding. Procedural next steps include replies to protests on July 15, 2019. PG&E also disclosed that it will issue Supplemental Testimony amending its initial testimony on July 29, 2019.

R.16-02-007 Integrated Resources Planning – There are three key tracks in IRP currently. 1) Procurement track: on June 20th, the CPUC released a scoping ruling of the procurement track. Among other issues, the scoping ruling provided a rough analysis that there may be a reliability shortfall that may develop by 2021. In response to this potential issue, the scoping ruling would take up a proposal to require LSEs statewide to procure some 2,000MW of Net Qualifying Capacity by 2021, which may force extension of contracts to natural gas plants. 2) Modeling track: The Modeling Advisory Group is developing the model inputs and assumptions for the evaluation of the statewide Reference System Plan and for the aggregated portfolios. The first set of inputs was released June 28th with comments due July 19th, which we are examining the inputs and assumptions to ensure that the model accurately captures the value our resources will provide. 3) Planning track: PCE is one of eight CCAs developing a joint procurement planning model that would use each of our goals and requirements to plan a joint resource portfolio plan that will be disaggregated into a plan for each of the participating CCAs such that we can each meet our goals while also collectively contributing to our share of statewide goals. CalCCA filed a motion for an extension of time and request for data, which was granted in part in giving us an extension until July 22 for comments, and July 31. However, ALJ Fitch denied our motion to get staff's analysis, stating that it wasn't the basis for the recommendation. We are developing a joint CalCCA position focused on having a clear data record that there is an actual need on the 2021 timeline, not objecting to extension of OTC retirement deadlines, and developing a framework for an IRP procurement approach based on the LSE iterative rights to self-procure. This comment is still under development. Doug Karpa is co-case manager for CalCCA on tracks 1 and 2.

R.17-06-026 PCIA – Working Group 1 on benchmark and true up issues issued a final report July 1, which included a number of consensus proposals for the valuation of resources in IOU portfolios. PCE has been co-lead on Working Group 3 on Portfolio Optimization, Cost Reduction, Auction and Allocation, which has developed proposals for allocation of GHG free attributes (mostly large hydro) and for Local RA, while still addressing various proposals for sales or allocation of system and flex RA and RPS products. Doug Karpa has been co-lead and will be presenting the WG proposals at a workshop with SCE and Commercial energy July 25th.

R.18-12-006 De-energization and *R.18-10-007 – PG&E Wildfire Mitigation Plan* – PCE has urged the commission to incorporate microgrids to serve critical infrastructure as a critical strategy for addressing resilience needs where IOUs engage in Public Safety Power Shutoffs (PSPS). PCE is moving to join as a party in its own right to advocate in particular for the right and role of CCAs to design and implement these microgrids.

R.18-07-005 Disconnections – PCE has engaged through CalCCA to develop concepts for programs to address IOU disconnections through a series of comments submitted June 14, June 21, and July 1. Key aspects of the CalCCA comments include educating the CPUC regarding our efforts to help customers with past due balances and to develop programs to avoid past due balances through improved programs for vulnerable customers.

Legislative Advocacy and Outreach

The legislative session was very busy during June and July as the Legislature grappled with many issues in the energy sector. The Legislature is in recess until August 12, 2019. During

this time, PCE team will be continuing outreach with our local state electeds and allies in the Legislature in advance of the restart of the session. As of this date, the most important bills PCE is working on with a broad coalition are:

AB 56 (Garcia)¹ would create a statewide central procurement entity known as the California Clean Electricity Authority to procure retail energy and manage power supply commitments. As the Board is aware, this bill remains very problematic. While it survived its move through the Assembly, CalCCA mustered strong opposition to the bill. The final vote count was very close with the bill passing out of the Assembly with the minimum votes necessary to do so. The bill was defeated in the Senate Energy, Utilities, and Communications committee when it failed to garner the seven votes needed to pass out of committee, with Senator Hill (PCE and SVCE) voting no, and Sens. McGuire (SCP and MCE), Skinner (EBCE), Stern (CPA), and Wiener (CPSF) abstaining.

CalCCA position: Oppose.

PCE Position: Oppose.

SB 155 (Bradford)² would allow the CPUC to audit LSEs for compliance with the Renewables Portfolio Standard (RPS) requirements and ensure corrective action when there is no compliance. Requires the CPUC to ensure that LSEs follow their IRPs and enforce the requirement that 65% of RPS procurement be from contracts of 10+ years. CalCCA is concerned that this bill would reduce a CCA's flexibility and autonomy, increase CCA's procurement costs, and affect CCAs' programmatic goals and other procurement alternatives. As the bill moves to the Assembly, we continue to work with the author to address our concerns.

CalCCA position: Oppose.

PCE Position: Oppose.

SB 520 (Hertzberg)³ would authorize the CPUC to develop threshold attributes for a load-serving entity to serve as a provider of last resort and to establish a mechanism, such as an auction, for determining which load-serving entity should serve as provider of last resort. CalCCA is working with the author to address CCA concerns.

CalCCA position: Oppose unless Amended.

SB 350 (Hertzberg) was the Senate vehicle for addressing concerns over backstop procurement of resource adequacy and RPS requirements. Given the failure of AB 56, Senator Hertzberg has voiced his intention to hold SB 350 until next session.

CalCCA Position: Watch.

As always, the PCE team appreciates the Board's engagement on legislative matters – particularly outreach when action alerts are issued. Our local state electeds continue to be solid champions of PCE in Sacramento but hearing from the Board during key moments lets them know how important their votes are for us. This dynamic was particularly evident in both Assembly and Senate during votes on AB 56. Our state electeds really supported PCE despite a lot of pressure from members.

FISCAL IMPACT:

Not applicable.

¹ Available at: https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201920200AB56

² Available at: https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201920200SB155

³ Available at: https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201920200SB520



PENINSULA CLEAN ENERGY
JPA Board Correspondence

DATE: July 18, 2018
BOARD MEETING DATE: July 25, 2018
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:

- Building and EV Reach Codes
- EV Ride and Drives
- Low-Income EV Incentive Program (DriveForward Electric)
- New EV Dealer Incentive Program
- PCE/EBCE Resilient Solar for Critical Facilities
- Transit and School Buses
- Community Pilots

The following programs are in development:

- Curbside & Multi-Unit Dwelling (MUD) Pilot: This pilot program will foster new low-power charging technology solutions, pilot them in MUDs, and assess the technologies and document the results. Energy Solutions was selected as the consultant partner as part of a competitive bid process. The Board approved the contract terms in the March 2019 board meeting. The contract is now undergoing refinement and is expected to be executed soon.
- The EV Charging Infrastructure Incentive Program: Program was approved in the December 2018 board meeting and is under development with a targeted launch of summer 2019. This program was funded at \$16 million over four years to provide incentives and technical assistance for the deployment of 3,500 EV

charging ports. Work under development includes defining the qualifications and incentives, establishing the associated technical assistance and workforce programs, hiring support staff, and implementing a software system for program tracking plus seeking to secure additional funding for EV infrastructure from the Bay Area Air Quality Management and the California Energy Commission.

DETAIL

Building and EV Reach Codes

In a joint project with Silicon Valley Clean Energy (SVCE), PCE is working with local governments to support the adoption of low-carbon and EV ready building reach codes to correlate with the adoption of the 2019 triannual California building code standards. The final measures and the draft code language has been released and is available on the project website (www.PeninsulaReachCodes.org).

PCE and its partners have held 10 webinars and workshops on the reach codes gathering input for the model codes and subsequent dialogues. The project team is developing tools to assist with the adoption process and is engaged in presentations to Commissions and Councils as well as detailed discussions with city and County staff.

Cities are invited to submit a Letter of Intent to receive \$10,000 in support funding. To date, eight agencies have submitted a Letter of Intent, the cities of Brisbane, Burlingame, Millbrae, Pacifica, Portola Valley, Redwood City and San Mateo as well as the County. Other agencies are actively participating. SVCE has 9 LOIs in place (out of 13 jurisdictions). Additional outreach is planned to engage cities that have not yet participated and support those indicating interest. Engagement with agency staff and Council presentations are ongoing.

To address concerns over impacts to affordable housing PCE and SVCE are developing funding support programs for EV infrastructure in affordable housing (to cover costs above state code). Developments that are 100% affordable in cities with reach codes would be eligible.

EV Ride & Drives

This program is one of PCE's two core elements for EV marketing (the other is the New EV Dealer Incentive Program) and it provides for community and corporate events in which community members can test drive a range of EVs. Five events were held in 2018 and in February 2019, the Board approved ramping up the program with a 3-year program intended to yield 10 to 25 events per year and significantly increase social media visibility. PCE has completed three events and has five more scheduled thus far for 2019. Others are being explored.

Completed:

- STEAM Fest in Redwood City on 5/27 (community): 69 test drives and 56 passenger rides for a total of 125 EV experiences.
- Visa in Foster City on 5/8 (workplace): 160 test drives and 101 passenger rides for a total of 261 EV experiences. Due to significant employee interest, Visa looking to host a 2nd event in Q4 2019.
- Genentech in South San Francisco on 5/29 (workplace): 186 test drives and 69 passenger rides for a total of 255 EV experiences.

Scheduled:

- Colma Community Festival in Colma on 6/13 (community)
- Facebook Festival in Menlo Park on 8/17 (community)
- Burlingame on the Avenue in Burlingame on 8/18 (community)
- Oracle in Redwood City on 8/21 (workplace)
- San Mateo County Center in Redwood City on 9/10 (workplace/community)

Events include pre-test drive, post-test drive, and six-month trailing surveys to document changes in customer perception towards EVs and actions taken after the EV experience. Key findings from those surveys, from 2018 and 2019 events, are summarized below:

Day-of Survey Results:

Sample pool: 241 respondents

Metric	Result
Identified as San Mateo County residents	61%
Had their first EV experience at event	61%
Rated their EV experience as excellent or good	96%
3 top areas of interest	Performance, technology, and environmental
Stated their overall opinion of EVs is better or somewhat better after test drive	85%

Six-month trailing survey:

Sample pool: 115 respondents (32% response rate)

Metric	Result
Acquired an EV after the event	20% (23 total: 18 purchases, 5 leases)
Of those who didn't acquire an EV, those who said they would "definitely" or "likely" acquire an EV as their next vehicle	79%

Low-Income EV Incentive Program (DriveForward Electric)

The program provides a \$4,000 incentive for the purchase of used plug-in hybrid electric vehicles (PHEVs) to low- and moderate-income San Mateo County residents with access to a standard outlet at home or work. PCE will offer this incentive through Peninsula Family Service's DriveForward program, which is a robust program that provides financial coaching and access to financing to help participants purchase reliable used vehicles. PCE has a program web page available at peninsulacleanenergy.com/driveforwardelectric/.

Seven people have participated in the program and received the incentive to date. Four other participants have been approved and are currently looking for a PHEV. More 1-on-1 client meetings are in progress with PFS.

The program had a soft launch with a special workshop on March 2, 2019, targeting PCE customers on the California Alternate Rates for Energy Program (CARE) utility discounted rate program. Approximately 40 attendees participated to learn about the program and financial empowerment services. PCE held a second workshop in Daly City on May 3, 2019 with approximately 23 attendees and a third workshop in Menlo Park on June 22, 2019 with approximately 24 attendees.

A formal launch event was held on May 15, from 8:30 am – 12:00 pm at the Sobrato Center in Redwood Shores. This half-day symposium focused on the nexus of transportation, climate, and the economy and formally announced the DriveForward Electric program. PCE's CEO Jan Pepper spoke at the event to update attendees on PCE's programs. PCE board member Dave Pine opened the event and board members Donna Colson (Burlingame) and Carlos Romero (East Palo Alto) participated on a panel discussing clean and affordable transportation in San Mateo County. The event was accompanied by a press release on the DriveForward Electric program and PCE/PFS partnership.

Resilient Solar for Critical Facilities

In Q3 2018, East Bay Community Energy (EBCE), in partnership with Peninsula Clean Energy (PCE), was awarded a Bay Area Air Quality Management District grant for a scoping study to identify community shelter critical facilities in Alameda and San Mateo, counties that provide emergency services during natural disasters and do preliminary assessments for solar+storage resilience projects. Solar+storage at critical facilities have the potential to provide a cleaner and more reliable power source than diesel generators and reduce operating costs for the facilities.

This a \$300k 12-month scoping project that will: 1) identify a subset of critical facilities in San Mateo and Alameda counties that serve as community shelters and/or emergency response hubs during disasters (e.g. police and fire depts, recreation centers, libraries, etc); 2) narrow down that list to select priority sites based on some criteria and conduct

some assessments at a subset of those sites that are representative of the entire list; 3) develop a financial model (e.g. rate design or financial incentive) that results in affordable and widespread deployment of resilient solar systems; and 4) design and assist in the collective procurement for solar+storage installations at priority critical facilities to reduce costs for agencies interested.

This project has initiated and PCE is working with municipalities to identify a preliminary list of prospective facilities. A subset of representative sites will be selected that will undergo a more detailed assessment that will be used to estimate the project potential of the entire list. The overall project potential will serve as a basis for assessing the full scope of a prospective procurement. PCE is structuring the city engagement process to be as time efficient as possible during the scoping process (<10 hrs of agency staff time for each participating agency).

This project is being shifted to the Power Resources team as part of the developing Distributed Energy Resources program.

Transit and School Buses

PCE has been engaged with SamTrans and school districts on electric buses. With SamTrans, PCE has been participating on SamTrans’ bus electrification taskforce and most recently CEO Jan Pepper and Program Director Rafael Reyes met work with SamTrans CEO Jim Hartnett to brief Mr. Hartnett on opportunities for PCE to support SamTrans’ goal to electrify its fleet by 2033.

On school bus electrification, last year PCE facilitated the submission of applications for Ravenswood School District and Redwood City School District for funding for electric buses and associated infrastructure from the California Energy Commission (CEC). The CEC released earlier this month its Notice of Proposed Awards identifying 3 buses each for both school districts. Approval of the proposed awards by the CEC is anticipated in July and PCE will engage with the school districts to determine how best to further support the districts on deployment and implementation.

Community Pilots

PCE awarded grants of up to \$75,000 each for six innovative local pilot projects to reduce greenhouse gas emissions, support low-income customers, and advance electric transportation. Below is the status of each pilot project:

Pilot	Status
<p>Refrigerator Recycling – ARCA</p> <p>Old refrigerator recycling program to capture high impact GHG sources.</p>	<p>Program live since mid-April. 55 requests have been made as of end of June (41 units collected, 14 pending collection). Program will run until 350 units are recycled. Website: www.peninsulacleanenergy.com/fridge</p>

<p>Peninsula Climate Comfort – Ardenna</p> <p>Pilot for electrification retrofits for 5 homes for in-depth technical and financial assessment as development of financing strategy.</p>	<p>Application closed April 7. 62 complete applications received. Ardenna has selected 5 case study participants. Homes are located in San Mateo, Brisbane, East Palo Alto, Redwood City, and Burlingame and have diverse attributes (age, size, etc.). Feasibility assessments expected by the end of July. Website: www.climate-comfort.com</p>
<p>Healthy Home Connect – Build It Green</p> <p>Upgrade 10-16 low-income homes that would otherwise be disqualified from existing energy saving assistance programs using PCE gap funding.</p>	<p>Outreach and Hayward Score assessments on 35 homes has been completed. Reviewing prospective participants and selecting homes that will receive upgrades. Program will provide healthy home upgrades & remediations to 10-16 homes.</p>
<p>Community Resiliency at Faith Institutions – Interfaith Power & Light</p> <p>Recruit and develop plans to equip select number of faith institutions to be community hubs with clean energy back up power.</p>	<p>1-2 prospective candidates identified. Application deadline adjusted to rolling basis to align with 350.org Silicon Valley faith institution climate resilience program. PCE review of MOU underway.</p>
<p>Low to Moderate Income Community Car Sharing</p> <p>Deploy a select number of battery electric vehicles (EVs) to be used for car sharing within a low to moderate income community apartment complex.</p>	<p>Customer liability agreement in review. List of 30 MUDs identified as potential host sites for Envoy vehicles and charging. 28 reside in LIC/ DAC designated areas. Outreach to properties beginning now with goal to finalize property for deployment July 31.</p>
<p>A Roadmap for Municipal Green Fleets – County Office of Sustainability</p> <p>Develop a clean fuel fleet toolkit for local governments, acquire pilot vehicles and scooters, and provide technical assistance to jurisdictions interested in electrifying their fleets.</p>	<p>Identified a hybrid vehicle (25 e-mi range) for sheriff use. 8 e-bikes to be sourced for Parks department to replace current diesel vehicles. M&V to be developed & implemented to track GHG reduction impact.</p>



PENINSULA CLEAN ENERGY
JPA Board Correspondence

DATE: July 12, 2019
BOARD MEETING DATE: July 25, 2019
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 – July 2019

BACKGROUND:

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

DISCUSSION:

The table below summarizes the contracts that have been entered into by the CEO in accordance with the following policy since the last board meeting.

Execution Month	Purpose	Counterparty	Term
July	Purchase of Resource Adequacy	Southern California Edison	2 months
July	Purchase of Carbon Free Energy	Marin Clean Energy	6 months
July	Purchase of Resource Adequacy	City of Roseville Electric Utility	1 month
June	Purchase of Resource Adequacy	OhmConnect	1 month
June	Purchase of Resource Adequacy	City of Lancaster	1 month
June	Purchase of Energy Hedge	Direct Energy	1 year
June	Purchase of Energy Hedge	Morgan Stanley	6 months

In December 2017, 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:** Chief Executive Officer has authority to approve energy procurement contracts with terms of twelve (12) months or less. The CEO shall report all such agreements to the PCE board monthly.

2) **Medium-Term Agreements:** Chief Executive Officer, in consultation with the General Counsel, has the authority to approve energy procurement contracts with terms greater than twelve (12) months but not more than five (5) years. 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.