



## **MEETING of the Community Advisory Committee of the Clean Power Alliance of Southern California**

**Thursday, July 11, 2019**

**1:00 p.m.**

**555 W. 5<sup>th</sup> Street, 35<sup>th</sup> Floor,  
Los Angeles, CA, 90013**

*Meetings are accessible to people with disabilities. 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 Christian Cruz at least two (2) working days before the meeting at [ccruz@cleanpoweralliance.org](mailto:ccruz@cleanpoweralliance.org) or (213) 269-5870. Notification in advance of the meeting will enable us to make reasonable arrangements to ensure accessibility to this meeting and the materials related to it.*

***PUBLIC COMMENT POLICY:*** *The General Public Comment item is reserved for persons wishing to address the Committee on any Clean Power Alliance-related matters not on today's agenda. Public comments on matters on today's Consent Agenda and Regular Agenda shall be heard at the time the matter is called. Comments on items on the Consent Agenda are consolidated into one public comment period. As with all public comment, members of the public who wish to address the Committee are requested to complete a speaker's slip and provide it to Clean Power Alliance staff at the beginning of the meeting but no later than immediately prior to the time an agenda item is called.*

*Each speaker is limited to two (2) minutes (in whole minute increments) per agenda item with a cumulative total of five 5 minutes to be allocated between the General Public Comment, the entire Consent Agenda, or individual items in the Regular Agenda. Please refer to Policy No. 8 – Public Comment for additional information.*

*In addition, members of the Public are encouraged to submit written comments on any agenda item to [publiccomment@cleanpoweralliance.org](mailto:publiccomment@cleanpoweralliance.org). To enable an opportunity for review, written comments should be submitted at least 72 hours but no later than 24 hours in advance of the noticed Committee meeting date. Any written materials submitted thereafter will be distributed to the Committee at the meeting. Any written*

Clean Power Alliance Community Advisory Committee  
July 11, 2019

*submissions must specify the Agenda Item by number, otherwise they will be considered General Public Comment.*

*Members of the public may also participate in this meeting remotely at the following addresses:*

Ventura County Government Center  
Channel Islands Conference Room, 4th Floor Hall of Administration  
800 South Victoria Avenue, Ventura, CA 93009

Whittier City Hall – Admin Conference Room  
13230 Penn Street, Whittier, CA 90602

**I. WELCOME AND ROLL CALL**

**II. GENERAL PUBLIC COMMENT**

**III. REGULAR AGENDA**

1. Approve Minutes from June 13, 2019 Community Advisory Committee Meeting
2. Staff Update on Bills in 2019/2020 Legislative Session
3. Provide Input on Distributed Energy Resource (DER) Pilot Program
4. Staff Update on CPA's Residential (Phase 3) and Non-Residential (Phase 1, 2, and 4) Rollout, Financial Dashboard, Recent Power Purchase Agreements (PPAs), and Other Activities

**IV. COMMITTEE MEMBER COMMENTS**

**V. ITEMS FOR FUTURE AGENDAS**

**VI. ADJOURN – NEXT MEETING ON SEPTEMBER 12, 2019**

*Public Records: Public records that relate to any item on the open session agenda for a regular Committee 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, or a majority of, the members of the Committee. The Board has designated Clean Power Alliance, 555 W. 5th Street, 35th Floor, Los Angeles, CA 90013, as the location where those public records will be available for inspection. The documents are also available online at [www.cleanpoweralliance.org](http://www.cleanpoweralliance.org).*

MEETING of the Community Advisory Committee of the  
 Clean Power Alliance of Southern California  
 Thursday, June 13, 2019, 1:00 p.m.

**MINUTES**

*555 W. 5<sup>th</sup> Street  
 Los Angeles, CA 90013*

*Ventura County Government Center  
 Channel Islands Conference Room, 4th Floor Hall of Administration  
 800 South Victoria Avenue, Ventura, CA 93009*

*Whittier City Hall – Admin Conference Room  
 13230 Penn Street, Whittier, CA 90602*

**I. WELCOME AND ROLL CALL**

Chair David Haake called the meeting to order and Christian Cruz, Community Outreach Manager, conducted roll call.

<b>East Ventura/West LA County</b>	Angus Simmons (Vice Chair)	Present
<b>East Ventura/West LA County</b>	Laura Brown	Remote
<b>East Ventura/West LA County</b>	Rocio Gonzalez	Absent
<b>San Gabriel Valley</b>	Richard Tom	Present
<b>San Gabriel Valley</b>	Robert Parkhurst (Vice Chair)	Present
<b>West/Unincorporated Ventura County</b>	Lucas Zucker	Remote
<b>West/Unincorporated Ventura County</b>	Steven Nash	Remote
<b>South Bay</b>	Vacant	
<b>South Bay</b>	Vacant	
<b>Gateway Cities</b>	Jaime Abrego	Absent

<b>Gateway Cities</b>	Jordan Salcido	Absent
<b>Westside</b>	Cris Gutierrez	Present
<b>Westside</b>	David Haake (Chair)	Present
<b>Unincorporated Los Angeles County</b>	Neil Fromer	Present
<b>Unincorporated Los Angeles County</b>	Kristie Hernandez	Present

**II. GENERAL PUBLIC COMMENT**

There were no general public comments.

**III. REGULAR AGENDA**

1. Approved Minutes from May 9, 2019 Community Advisory Committee Meeting

Motion: Cris Gutierrez, Westside

Second: Robert Parkhurst, San Gabriel Valley

Vote: Item 1 was approved by unanimous roll call vote.

**IV. COMMITTEE MEMBER COMMENTS**

There were no Committee Member comments.

**V. ITEMS FOR FUTURE AGENDAS**

There was no discussion on future agenda items.

**VI. ADJOURN**

Chair David Haake adjourned the meeting to the Local Programs Goal Setting Process Workshop.



## Staff Report – Agenda Item 2

---

**To:** Clean Power Alliance (CPA) Community Advisory Committee  
**From:** Gina Goodhill, Policy Director  
**Approved By:** Ted Bardacke, Executive Director  
**Subject:** Update on Bills in the 2019/2020 Legislative Session  
**Date:** July 11, 2019

---

### **SUMMARY**

CPA staff will provide an update on the status of current legislation that CPA has taken positions on, including:

- **SB 355 (Portantino)**, would allow non-elected alternate members of CPA's Board of Directors to participate in closed session discussion.  
CPA position: Sponsor and support.
- **AB 56 (E. Garcia)**, attempts to create a statewide central buyer model for energy to address perceived gaps in renewables procurement. This is in contrast to a central buyer for residual resource adequacy, which under the right conditions may be of benefit to CCAs and the state's broader policy goals.  
CPA position: Oppose.
- **SB 155 (Bradford)**, would allow the CPUC to review the Integrated Resource Plan (IRP) from each load-serving entity (LSE), and enforce the requirement that the IRP of each LSE shall contribute to a diverse and balanced portfolio.  
CPA position: Oppose, unless amended.
- **SB 638 (Allen)**, removes the requirement that a renter must maintain a \$1 million general liability insurance policy in order to install an electric vehicle charging station at their allotted parking space.  
CPA position: Support.

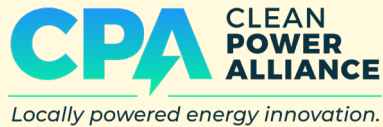
- **SB 774 (Stern)**, would promote investment in and deployment of microgrids to increase resiliency, but needs to be amended to appropriately enable CCAs to be active in this space.

CPA position: Support, if amended.

- **AB 1144 (Friedman)**, would require the CPUC to reserve 10% of funds collected for the self-generation incentive program (SGIP) to be allocated to pilot projects for the installation of community energy storage systems in communities within high fire threat districts.

CPA position: Support.

CPA staff will also provide a report on recent activities taking place in Sacramento and San Francisco.



# DER Pilot Program Update

July 11, 2019

## Background

- CPA is working with Calpine Energy Solutions and Olivine to implement a Distributed Energy Resources (DER) Pilot Program, expected to launch by January 2020
- The DER Pilot Program will allow CPA to develop critical learning and capabilities in the DER space and inform the broader deployment of local programs
- During April – June, CPA has been working to evaluate various DER Pilot program options
- Today, Staff is seeking input from the Community Advisory Committee on its proposed Pilot program pillars



## Work Plan

- CPA, Olivine, and Calpine are currently working together to meet a 2020 DER Pilot Program launch date

### Phase 1

DER Program  
Opportunities  
Defined

March 25 – June 14

- Evaluate DER program options
- Identify best practices
- Conduct deep dive analysis on top 3

### Phase 2

Pilot Program Plan

June 15 – August 31

- Select pilot
- Develop design and implementation plan
- Conduct consumer focus or test groups

### Phase 3

Implement Pilot

September 6 – Jan 2020

- Board approves DER Pilot Program
- Execute DER Mgmt. Agreement
- Conduct marketing and customer outreach

## DER Pilot Program Goals

- Achieves CPA policy objectives
  - Includes air quality and public health, GHG reduction, target DACs, renewable integration, local needs and resilience, economic development
- Achieves benefits to CPA and customers, including rate savings
- Scalable and targets a diverse set of customer segments
- Allows CPA to test wholesale market participation
- Implementable (ease of adoption, technology maturity, etc.)
- \$1.49M budget: Mixture of new infrastructure installation and leveraging existing infrastructure to minimize costs

## Proposed DER Pilot Program

- The program would be comprised of four pillars:

	<u>Description</u>	<u>Target Segment</u>
EV Charging	Incentivizes customers to shed EV charging load during peak times	Commercial & Municipal
Solar + Storage	Pairs onsite solar with battery to help customers manage costs and help CPA shift load	Residential & Commercial
Smart Home	Allows CPA to control customer load with smart technology	Residential, including DAC
DAC Community Solar	Low-income residents purchase energy from a solar array at a discounted price	DAC Residential

## EV Charging

DER Type: (Load shift, load control)

- Commercial and municipal customers with existing EV smart charging infrastructure will participate in CPA curtailment events that will reduce their EV charging load by 10% during the evening peak ramp-up period (5pm-9pm)
- Events followed by two-hour load recovery period
- Customers receive a monthly or yearly incentive for participation (\$20/month or \$240/year)
- CPA benefits through avoided RA and wholesale energy costs. Also assumes revenue from CPA bidding event capacity into wholesale market

Value Rank to CPA: 1

Value Rank to Customer: 1

Target Segments:  
Commercial and Municipal

Estimated participation:  
40 customers

## Solar + Storage

DER Type: (Distributed generation/storage, load shift)

- Residential and commercial customers pay a \$/kWh price for solar and a yearly lease on a battery to shift their load from low price periods in the middle of the day to higher priced time in evening.
- Customers charge battery with solar during low price periods and discharge battery during evening peak (4pm-9pm)
- Provides energy savings for customers, and additional demand charge savings for commercial customers (additional incentives could be provided in the form of decreased PPA price or battery lease costs to attract participation).\*
- CPA benefits through avoided RA costs and ability to call on battery capacity when wholesale prices are high.

\*TOU-GS-2 customers receive an additional yearly participation incentive to reach cost-effectiveness.

Value Rank to CPA: 2

Value Rank to Customer: 3

Target Segments:  
Residential & Commercial

Projected participation:  
1000 Residential customers  
960 Commercial customers

## Smart Home

DER Type: (Load control, energy efficiency)

- The smart home program is anchored by a smart thermostat which will produce energy savings for customers throughout the cooling period in exchange for participating in load control events called by CPA during the evening ramp (5-9pm)
- Further customer reduction benefits and curtailment possibility with other optional smart home load controls (smart plug(s), multi-purpose sensors, occupancy sensors and/or dimmer switches)
- CPA to provide \$50 enrollment incentive for smart thermostat / \$75 enrollment incentive for additional smart home controls
- CPA benefits through avoided RA costs and ability to activate load control events when wholesale prices are high. Also assumes revenue from CPA will bidding event capacity into wholesale market

Value Rank to CPA: 3

Value Rank to Customer: 2

Target Segment: Residential

Projected participation:  
1,000 w existing t-stat  
1,000 w new t-stat  
1,000 w new t-stat + optional controls

## DAC Community Solar

DER Type: (Distributed generation)

- Community solar programs are local solar arrays (front of the meter), sometimes on brownfield sites, used to serve multiple customers. Total system cost ideally lower than rooftop systems due to greater economies of scale
- Programs are geared towards residential customers without suitable site for solar (renters, people with inadequate roof, lower-income, etc)
- Customers subscribe to a portion of total system output in return for bill credits or reduced \$ per kWh energy cost
- CPA able to utilize funds available through the CPUC for projects that are both sited within and benefitting subscribers in a DAC
- CPA benefits through avoided RA costs, some limited wholesale energy savings, and customer PPA payments

Value Rank to CPA: 4

Value Rank to Customer: 4

Target Segment: Residential DACs

Projected participation:  
TBD – Depends on level of CPUC funding

## Summary and Next Steps

- Staff to incorporate the Committee's feedback on the proposed DER Pilot Program pillars
- A detailed implementation plan will be developed for the DER Pilot during July and August
  - Will include more detailed budgeting for implementation during FY19-20 and first years of selected programs
- A final DER Pilot Program proposal will be presented to the Board of Directors in September 2019





## Staff Report – Agenda Item 4

---

**To:** Clean Power Alliance (CPA) Community Advisory Committee  
**From:** Ted Bardacke, Executive Director  
**Subject:** CPA Staff Update  
**Date:** July 11, 2019

---

### **SUMMARY**

CPA staff will provide an update on CPA's Residential (Phase 3) and Non-Residential (Phase 1, 2, and 4) rollout progress, current financial statements, and recently approved Power Purchase Agreements (PPAs) for solar and small hydro projects, along with other operational activities