



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

Thursday, February 20, 2020

1:00 p.m.

Conference Center at Cathedral Plaza

Conference Room 6

555 W. Temple Street

Los Angeles, CA 90012

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 the Clerk of the Board at gmonzon@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. 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
February 20, 2020

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
Point Mugu 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. CONSENT AGENDA**
 - 1. Approve Minutes from November 14, 2019 Community Advisory Committee Meeting
 - 2. Approve Minutes from January 16, 2020 Community Advisory Committee Meeting
 - 3. Report from the CPA Executive Director
- IV. REGULAR AGENDA**
 - 4. Update on Community Based Organization (CBO) Grant Program
 - 5. Update on Integrated Resource Plan (IRP)
- V. COMMITTEE MEMBER COMMENTS**
- VI. ITEMS FOR FUTURE AGENDAS**
- VII. ADJOURN – NEXT MEETING ON MARCH 19, 2020**

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.

MEETING of the Community Advisory Committee of the
Clean Power Alliance of Southern California
Thursday, November 14, 2019 1:00 p.m.

MINUTES

555 W. 5th Street, 35th Floor,
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

- II. Chair David Haake called the meeting to order at 1:03 p.m. and Christian Cruz, Community Outreach Manger/Interim Board Secretary, conducted roll call.

East Ventura/West LA County	Angus Simmons (Vice Chair)	Present
East Ventura/West LA County	Laura Brown	Absent
East Ventura/West LA County	Lilian Teran Mendoza	Remote
San Gabriel Valley	Richard Tom	Present
San Gabriel Valley	Robert Parkhurst (Vice Chair)	Present
West/Unincorporated Ventura County	Lucas Zucker	Absent
West/Unincorporated Ventura County	Steven Nash	Remote

South Bay	David Lesser	Present
South Bay	Emmitt Hayes	Present
Gateway Cities	Jaime Abrego	Remote
Gateway Cities	Jordan Salcido	Absent
Westside	Cris Gutierrez	Present
Westside	David Haake (Chair)	Present
Unincorporated Los Angeles County	Neil Fromer	Present
Unincorporated Los Angeles County	Kristie Hernandez	Present

III. GENERAL PUBLIC COMMENT

There were no general public comments.

IV. CONSENT AGENDA

1. Approve Minutes from October 10, 2019 Community Advisory Committee Meeting

Vice Chair Parkhurst provided amendments to the minutes.

Motion: Robert Parkhurst, San Gabriel Valley

Second: David Lesser, South Bay

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

V. REGULAR AGENDA

2. Received Update from the CPA Executive Director

Ted Bardacke, Executive Director, provided a brief update on CPA operational activities. Mr. Bardacke announced that CPA recently completed its first financial audit for FY 2018-19. Mr. Bardacke noted that it was clean audit and CPA was positive on revenue, which will help add to the CPA financial reserves target of 40% of annual operating revenue. Mr.

Bardacke indicated that getting to the target reserve will help CPA in obtaining a good credit rating.

Mr. Bardacke informed the Committee about Public Safety Power Shutoffs (PSPS) that affected 24,000 customers in October to varying degrees. To contribute to resiliency planning for backup power during PSPS events, CPA is taking a census among its member jurisdictions to collect information on their critical facilities and exploring the idea of doing a direct install project for municipal critical facilities that can provide clean back up energy.

Mr. Bardacke also discussed the CPUC's final decision on procurement issues, which directs CPA to procure 200 megawatts of storage over the next three years. In response, CPA released a Reliability Request for Offers (RFO) and received 30 bidders for 45 separate projects. The CPUC final decision also will petition the State Water Board to keep the Oxnard Power Plant open for one more year and the Redondo Beach Power Plant for two more years. The cities will still be petitioning for those two plants to not be extended at all.

Mr. Bardacke announced to the Committee that the City of Malibu voted 4 to 1 to change their default power product to 100% Green Power. Mr. Bardacke noted that CPA currently does not have a policy on how default changes will be implemented but that staff is in the process of working on such a policy.

Vice Chair Parkhurst asked the length of time it takes to get a credit rating for CPA. Mr. Bardacke stated that MCE took nearly 7 years of operation and Peninsula Clean Energy took only 2 years of operations, so it varies, but CPA will likely fall somewhere in the middle of that timeframe.

Mr. Bardacke reported that customers have been receiving a lot of communications from SCE related to PSPS and CPA has been working to clearly communicate to our customers that PSPS events are conducted by SCE, and this effort has helped to minimize customer confusion. Committee member Fromer asked if there has been any discussion with SCE regarding recouping of lost revenue as a result of CPA's customers affected by PSPS events, similar to what PG&E has indicated it may do. Mr. Bardacke stated that the Governor has not required the CPUC to provide those refunds yet and the impacts to CPA's revenue as a result of power outages has not been significant.

Vice Chair Simmons asked about the requirement for 200 megawatts of storage to be procured, if that amount is just for CPA, if the process for allocating that requirement was transparent, and if CPA is happy with the allotment. Mr. Bardacke stated that the procurement mandate was a statewide mandate for all load serving entities (LSEs) based on each LSE's share of load. The decision by the CPUC was made quickly, but because it is a reliability issue, it was important for the State to respond. Mr. Bardacke noted that CPA was already going to procure battery storage but now the timeline has been accelerated due to the CPUC decision, and it is likely pricing will go up because of the demand for storage.

Committee Member Lesser complimented CPA on the successful CalCCA Conference with an informational line up of speakers and asked that CPA work to continue providing educational content related to resiliency and power planning and procurement.

3. Update on Local Programs Goals and Priorities Strategic Planning Process.

Doug Nordham and Tara Davis from ARUP, CPA's consultant for the Local Programs Goals and Priorities planning process, provided an update on the project. Based on outreach conducted thus far on the project, ARUP is developing a recommended set of prioritized local programs and a tool to compare them. Mr. Nordham reviewed the stakeholder engagement process which included multiple goal setting workshops with the CPA Board, CAC members, and community members, along with a survey completed by over 300 people. Committee member Gutierrez asked about how widespread the engagement was, including the survey that was utilized. Allison Mannos, Senior Manager of Marketing & Customer Engagement, stated that the survey was distributed in various languages to a large distribution list and utilized paid advertising on social media to reach target audiences, which resulted in a very good and diverse response rate. Chair Haake commented that the CAC should play a role in emphasizing some of the priorities, such as public health, that are more relevant to the community but that may have ranked lower.

Mr. Nordham reported that as a result of this engagement process, the program outcomes and types were ranked in order of preference. Some of the top priorities for program outcomes included making 100% Green Power more affordable, creating jobs, furthering decarbonization, creating local resiliency, increasing the accessibility and benefits of CPA service and programs for all customers, and protecting public health. Priorities for program types included DER, energy efficiency, education, electrification, funding, and partnerships.

ARUP then looked at sample programs launched by other CCAs and utilities and grouped the programs into three common categories: 1) resiliency and grid management, 2) electrification, and 3) local procurement. ARUP identified seven individual programs for CPA to assess through the comparison tool, as well as three additional programs for local procurement that will be assessed separately through CPA's Integrated Resources Plan (IRP) process. Mr. Nordham highlighted, that the comparison tool took into account feasibility, cost, impact to DACs, and if it provides resiliency. The tool then assigns an overall weighted score between 1-10. Mr. Nordham also highlighted the identified program categorization and specific programs within each of the categories. Committee member Nash asked for clarification on the term load shape. Mr. Nordham stated the load shape referred to hourly energy use. Committee member Fromer asked if there are programs that will encourage fuel switching. CPA and ARUP affirmed there will be programs that allow for fuel switching.

Committee member Nash asked about key inputs specifically related to commercial and industrial customer savings. Mr. Nordham and Ms. Davis provided additional details on the calculations used to arrive at certain estimates for customer participation, kWh increased, gallons of gasoline saved, and customer costs/savings.

Mr. Nordham then reviewed the approach to program implementation, which includes some programs administered by CPA, some by a third party, and some education and outreach conducted by CPA to encourage customers to participate in programs. Additionally, CPA will explore implementing some programs at a sub-regional or direct install project level, while also considering the establishment of an "innovation fund" set aside for member agencies to access funds for individual projects.

Committee member Gutierrez commented that there needs to be another layer of vetting for these programs and process, because as presented it gives the impression that there are no programs that would allow for the inclusion of diverse communities or customers to participate and that sends the wrong message. Ms. Davis did clarify that each program is intended to include equity, however, there are programs identified that not all communities may be able to take advantage of. Chair Haake agreed and also commented that currently there only seems to be one program inclusive of all CPA agencies. Gina Goodhill, Policy Director, commented that a CPA delivery system, such as a set-aside of funding for impacted communities or underrepresented communities would help to advance potential programs that are more inclusive. Chair Haake agreed that education and outreach is key to advance deep penetrations of programs. Committee member Gutierrez added that the marketing of these programs

is key. Programs need to be applicable to renters, as well as those who use alternative methods of transportation. Vice Chair Parkhurst added that if we can be encouraging all types of homes, including renters, to change over to electrification and smart technologies in a way that is equitable and practical, that is a good way for CPA to play a visible role in incentivizing and advancing programs. Vice Chair Simmons expressed his support for these comments and indicated that CPA's Sustainable Energy Incubator series have been a good way to educate member agencies and stakeholders on various programs and topics. Staff will be continuing to work on this project with ARUP and incorporate the CAC feedback and reporting back to the Committee.

VI. COMMITTEE MEMBER COMMENTS

Committee member Nash commented that CPA should reach out to automakers to have uniformity on vehicle charging infrastructure. Committee member Gutierrez announced that there will be a December 12th climate strike.

VII. ITEMS FOR FUTURE AGENDAS

Committee member Lesser requested that a presentation be given to the Committee on resiliency, at a future meeting.

VIII. ADJOURN – NEXT MEETING ON January 16, 2020

Chair Haake adjourned the meeting at 3:07 p.m.

MEETING of the Community Advisory Committee of the
Clean Power Alliance of Southern California
Thursday, January 16, 2020 1:00 p.m.

MINUTES

555 W. 5th Street, 35th Floor,
Los Angeles, CA, 90013

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800 South Victoria Avenue, Ventura, CA 93009

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I. WELCOME AND ROLL CALL

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

East Ventura/West LA County	Angus Simmons (Vice Chair)	Present
East Ventura/West LA County	Laura Brown	Absent
East Ventura/West LA County	Lilian Teran Mendoza	Remote
San Gabriel Valley	Richard Tom	Present
San Gabriel Valley	Robert Parkhurst (Vice Chair)	Present
West/Unincorporated Ventura County	Lucas Zucker	Absent
West/Unincorporated Ventura County	Steven Nash	Remote

Clean Power Alliance Community Advisory Committee
January 16, 2020

South Bay	David Lesser	Present
South Bay	Emmitt Hayes	Present
Gateway Cities	Jaime Abrego	Remote
Gateway Cities	Jordan Salcido	Absent
Westside	Cris Gutierrez	Absent
Westside	David Haake (Chair)	Present
Unincorporated Los Angeles County	Neil Fromer	Present
Unincorporated Los Angeles County	Kristie Hernandez	Absent

II. GENERAL PUBLIC COMMENT

There were no general public comments.

III. CONSENT AGENDA

1. Approve Minutes from November 14, 2019 Community Advisory Committee Meeting

Vice Chair Parkhurst asked staff to review the minutes and resubmit them to the Committee for approval at next month's meeting.

IV. REGULAR AGENDA

2. Update from the CPA Executive Director

Ted Bardacke, Executive Director, first highlighted the proposed CAC schedule to better align with the Board of Directors meetings so that the CAC's input can be incorporated in advance of the Board meetings.

Mr. Bardacke updated the CAC on the Local Programs Strategic Plan, explaining that based on the significant input provided by the CAC at its last meeting, staff has slowed down the process for the Local Programs plan to re-adjust and will provide the CAC with another opportunity to offer feedback before the final draft is presented to the Board of Directors.

Mr. Bardacke reviewed CPA's Power Purchase Agreement process and reported that CPA has released two Request For Offers (RFOs), one for reliability and one for clean energy. In December, the Energy Committee reviewed and moved forward a shortlist of project for the Reliability RFO. Mr. Bardacke noted that the storage projects were analyzed from both a workforce development and a development risk score, along with CPA's other RFO criteria. The shortlist includes projects located in Southern California and three in CPA's service territory. The prices received from developers were competitive and there were no significant differences in pricing between the local projects and those located in other parts of California. CPA has entered into exclusivity agreements. In the Reliability RFO, CPA asked for project online dates of 2021, 2022 and 2023, and it was expected there would be better pricing for 2023 projects, since technology prices would decline overtime, but the bids for 2021 storage did not reflect this.

Committee Member Fromer asked about the capacity CPA needs for 2021. Mr. Bardacke indicated it is about 150-200 Megawatts over the three years, however, it is front-loaded with about 60-65% of that capacity needed in 2021. Vice Chair Parkhurst asked if CPA would over procure at this time to meet those numbers. Mr. Bardacke stated that it is a possibility, and CPA could potentially pick up all the volume for the next three years out of this RFO. Committee member Lesser commented there is a concern with having energy available during high use times and to what extent these potential contracts address those concerns. Mr. Bardacke commented the clean energy plus storage projects address those concerns. Basically, the solar will charge the batteries and feed energy to the grid. The stand-alone storage projects will charge from the grid when prices are low and discharge when prices are high.

Mr. Bardacke reported that CPA over the holidays submitted an Advice Letter to the CPUC for community solar funding from the Disadvantaged Communities Green Tariff program. This would help fund community solar projects in CPA territory and provide 20% bill discounts to low income customers. The source of these funds are from the State Cap-and-Trade program and will enable CPA to offer this program and bill discount to customers at no cost to CPA. It is expected that CPA can launch the bill discounts portion of this program by the end of the year. Vice Chair Simmons asked if this could be combined with the community engagement grants. Allison Mannos, Senior Manager of Marketing & Customer Engagement, confirmed that it would be.

Mr. Bardacke let the CAC know that the Board of Directors authorized CPA to submit a letter of intent to be a funding partner for a three-year electric vehicle incentive program (CALeVIP), which is a statewide program, but CPA has an immediate opportunity to support a project investment in Ventura County. Vice Chair Simmons asked if CALeVIP would do outreach with each jurisdiction. Mr. Bardacke stated that Ventura County through their Regional Energy Network and other partnerships has been doing a lot of work on electric vehicle infrastructure planning, so there is already a built-in network that is ready to deploy this and get the word out. Committee Member Fromer asked if CPA will get access to the charging information from this program. Mr. Bardacke stated that CPA cannot require customers to sign up for a Demand Response program to obtain that information, but we can encourage them to do so. Committee Member Nash complimented Karen Schmidt, Regional Affairs Manager, for her work to obtain funding on both the community solar and CALeVIP programs, to which Mr. Bardacke concurred and thanked Ms. Schmidt for her hard work turning these around.

Vice Chair Parkhurst asked about how EV adoption is outpacing the availability of infrastructure. Mr. Bardacke said that for example, there are three fast chargers near his home, and each is always occupied even with a 30-minute limit imposed on charging. In Santa Monica, the City will be charging for the use of their EV chargers and they will assess a fee for staying too long to charge. As such, the infrastructure has been and continues to be limited currently, but programs such as CALeVIP that CPA is planning to participate in will help address these challenges.

Public Comments: Mr. Harvey Eder (Public Solar Power Coalition) made the following statement: I am in protest of everything that happened today. In 1970 I was the first Environmental Science major at UC Santa Cruz. I started the Green Christmas committee, and got a living Christmas tree accepted that was accepted by President Nixon and delivered up an elevator a 25-foot blue spruce tree and got very much involved with this and am trying to follow up now for the 50th anniversary. I got involved wrote around to ERDA the Energy Research and Development Agency in 1973 and obtained all the research on solar and renewable energy. I worked with Santa Cruz County in the 70's to create the first solar position. I funded a job for that energy position and the person beat out a Nobel laureate in physics for this position who was the person that invented the laser. I got involved in the PUC and all of the stuff that's being done for the Disadvantaged Tariff needs to be done as it was originally done forty years ago and integrate vertical and horizontal businesses and include a 30% refundable tax credit for hot water systems and we need to do this now. I was part of anti-nuclear movement and represented abalone alliance. I

went as the point person for this movement to Kentucky and was accused of being an FBI agent by Tom Haden who a few months later released the China Syndrome. For community solar and solar the transition needs to be thought out. We went to the UN to work on this.

3. Update on CPA Greenhouse Gas Free Procurement Goals and Resource Allocation

Mr. Bardacke highlighted that under the new PCIA there are non-renewable GHG Free Energy sources owned by SCE and paid by both SCE and CPA customers under the PCIA. CPA will be getting a portion of the environmental attributes from these sources for free, because customers have already paid for it. However, there are issues around nuclear energy because there are two options that are being considered for accepting large hydro and/or nuclear energy allocations. For context, Mr. Bardacke commented that CPA operates based on the financial policy established by the Board as well as the mandates within its Joint Powers Agreement, which establish that CPA have an energy supply portfolio with lower GHG intensity than SCE.

Committee member Fromer asked where the nuclear is coming from. Mr. Bardacke stated that that energy is coming from Palo Verde in Arizona. Committee member Tom asked what the current CPA reserve is at this time. Mr. Bardacke commented that it is at \$15 million.

Mr. Bardacke provided a detailed overview of CPA's two options pertaining to the allocation of GHG Free Energy resources in CPA's renewable energy products. Mr. Bardacke reviewed option 1, which recommends that CPA not accept a no-cost allocation of nuclear power from SCE, and to not procure any non-renewable GHG Free Energy purchases for Lean Power. This option would still achieve a lower GHG emissions intensity in the Clean Power product than SCE's base rate and would result in \$4.1 million in savings for CPA.

Mr. Bardacke provided an overview of option 2, which is to accept a no-cost allocation of nuclear power from SCE, which would be reported under the Lean Power product on CPA's power content label (PCL), a public document communicated to customers on an annual basis. Like the first option, under this scenario, the Clean Power product would still achieve a lower GHG emissions intensity than SCE's base rate. Mr. Bardacke also noted that this option would also result in \$4.1 million in savings and reduce CPA's procurement risk.

Mr. Bardacke stated that in 2022 the rules for reporting GHG content in the PCL is changing. First, it will still have the product by product separation, but unbundled RECs will be listed. Secondly, GHG intensity will be included in the PCL. Additionally, the methodology for calculations of renewables is changing due to a state law passed, and from a cost perspective it will probably cost more for CPA to maintain lower GHG intensity because of the way in which we now have to report this information and how certain sources are categorized.

Committee Member Fromer asked if we can choose to take one allocation, such as large hydro, and not the other. Mr. Bardacke indicated that is correct. Committee Member Tom asked if the total savings are the same for both options. Mr. Bardacke indicated that both option 1 and option 2 would save CPA \$4.1 million.

The CAC voted to endorse the Executive Committee's recommendation for option one, whereby CPA would not accept nuclear energy, which still allow CPA to save \$4.1 million and keep the organization focused on new renewable energy contracts. Additionally, the CAC suggested that staff ensure that information be provided to CPA customers and communities indicating that CPA's reported GHG intensity is not as low as it could be because CPA does not use nuclear energy.

Motion: Robert Parkhurst, San Gabriel Valley
Second: Angus Simmons, East Ventura/West LA County
Vote: Item 3 was approved by a unanimous roll call vote.

4. Update on Community Based Organization (CBO) Grant Program

The Committee requested that we move this item to the February 20th Committee meeting.

V. COMMITTEE MEMBER COMMENTS

VI. ITEMS FOR FUTURE AGENDAS

VII. ADJOURN – NEXT MEETING ON FEBRUARY 20, 2020

Committee Chair David Haake adjourned the meeting.



Staff Report – Item 3

To: Clean Power Alliance (CPA) Community Advisory Committee
From: Ted Bardacke, Executive Director
Subject: Executive Director Update
Date: February 20, 2020

Clean Energy RFO Update

CPA launched a Clean Energy Request for Offers (RFO) in the fall of 2019, consisting of two tracks. The Utility Scale track is for projects between 10MW and 400MW in size and is for standalone renewable energy projects or renewable energy projects paired with energy storage. Projects in this track must be online no later than December 31, 2023. The Distributed Track is for projects located in Los Angeles or Ventura counties between 500kW and 10MW in size and is for renewable energy, renewable energy paired with energy storage, or standalone energy storage. These projects must be online by December 31, 2024.

On January 22, 2020, the Energy Committee approved a shortlist of 11 projects for the Utility Scale track, a summary of which is attached. Power Purchase Agreements from this RFO are likely to be ready for Board consideration in the spring and summer of 2020. The Energy Committee is expected to consider a shortlist for the Distributed track for the Clean Energy RFO in February 2020.

Customer Programs Launch

Over the course of February, CPA will be formally launching its “CPA Power Response” suite of programs, which the Board approved in October 2019 as a 12-18 month Distributed Energy Resources (DER) Pilot Program. CPA Power Response has three customer elements: 1) a residential smart thermostat program; 2) a residential and commercial battery storage program; and 3) a commercial EV charger program. Each of these programs will attempt to use existing thermostat, battery storage and EV charging

infrastructure to shift customer electricity demand away from high-cost, high GHG intensity time periods in exchange for incentive payments.

Also in February, CPA will launch a web-based solar and storage marketplace in collaboration with [EnergySage](#), a private company operating in 30 states that was spun out of the US Department of Energy's SunShot program. CPA's Solar and Storage Marketplace will enable residential, multifamily and small commercial customers to get free expert advice on solar and battery storage installation – including cost savings estimates tied directly to CPA's rate structure – as well as price quotes from pre-screened solar installers.

A press release announcing the formal launch of both CPA Power Response and the Solar and Storage Marketplace will be sent out later this month.

Financial Performance

CPA's financial performance continued to improve in October and November after from a first quarter of Fiscal Year 2019/2020 that was below expectations. In November energy revenue was 9% higher than budget and energy costs were 2% less than budgeted. Net income for November was \$5.1 million greater than budget forecast.

The monthly financial dashboard for November is attached to this report. The favorable monthly results could be misleading as they result primarily from timing differences arising from the sale of congestion revenue rights (CRRs) in the annual auction administered by the California Independent Systems Operator. The sale of CRRs reduced the cost of energy for the month and were booked in November but CPA expects to incur congestion costs, which the CRRs are designed to offset, over the course of 2020.

Staffing Update

Gabriela Monzon was hired as CPA's Clerk of the Board. With over 10 years of experience in both the legal and municipal clerk fields, she joins the agency from the City of Culver City where she served as a City Clerk Specialist overseeing a variety of records keeping, meeting and agenda management, and elections tasks. Gabriela also worked in the Clerk's office of the Southern California Association of Governments (SCAG), a

multi-jurisdictional body representing 197 local governments across Southern California. Gabriela started with CPA on February 10.

Attachments: 1) 2019 Clean Energy RFO Shortlist (Utility Scale)
 2) November 2019 Financial Dashboard

2019 Clean Energy RFO – Utility Scale Shortlist

11 projects
4,445,999 MWh / year

NPV Quartile	Online	Technology Type	MW Gen Range	MW Storage Range	Environmental Stewardship	Benefits to DACS	Workforce Development	Project Location	Development Risk Rating	City	
1	A	Q4 2021	Solar + Storage	51-100	50-100	Medium	High	High	Medium	High	El Centro
1	B	Q1 2023	Solar + Storage	51-100	50-100	High	Medium	Medium	Medium	High	Jacumba
1	C	Q4 2022	Solar + Storage	51-100	0-49	Neutral	High	High	Medium	High	Lost Hills
1	D	Q4 2022	Solar + Storage	101-200	101-200	Neutral	High	High	Medium	High	Los Banos
1	E	Q4 2023	Solar + Storage	201-400	101-200	Neutral	Neutral	High	Medium	High	Blythe
1	F	Q4 2023	Solar + Storage	51-100	0-49	Neutral	High	High	Medium	Medium	Avenal
1	G	Q4 2023	Solar + Storage	201-400	101-200	Neutral	High	High	Medium	High	Unin. Tulare County
1	H	Q4 2022	Solar + Storage	51-100	50-100	High	High	High	Medium	High	Mettler
2	I	Q3 2021	Solar + Storage	51-100	50-100	Neutral	High	High	Medium	High	Victorville
3	J	Q4 2022	Solar + Storage	51-100	0-49	Neutral	Medium	High	High	High	Unin. LA county and Rosamond
3	K	Q1 2020	Hydro	0-50	NA	Neutral	Medium	Medium	Medium	High	Lemon Cove

**2019 Clean Energy RFO –
Utility Scale Shortlist**

11 projects
4,445,999 MWh / year

	Environmental Stewardship	Benefits to DACS	Workforce Development	Project Location	Development Risk Score
High	20%	70%	90%	10%	90%
Medium	10%	20%	10%	90%	10%
Neutral	70%	10%	NA	NA	NA
Low	0%	0%	0%	0%	0%

*excludes existing projects



Financial Dashboard

YTD November 2019

Active Accounts
1,010,000

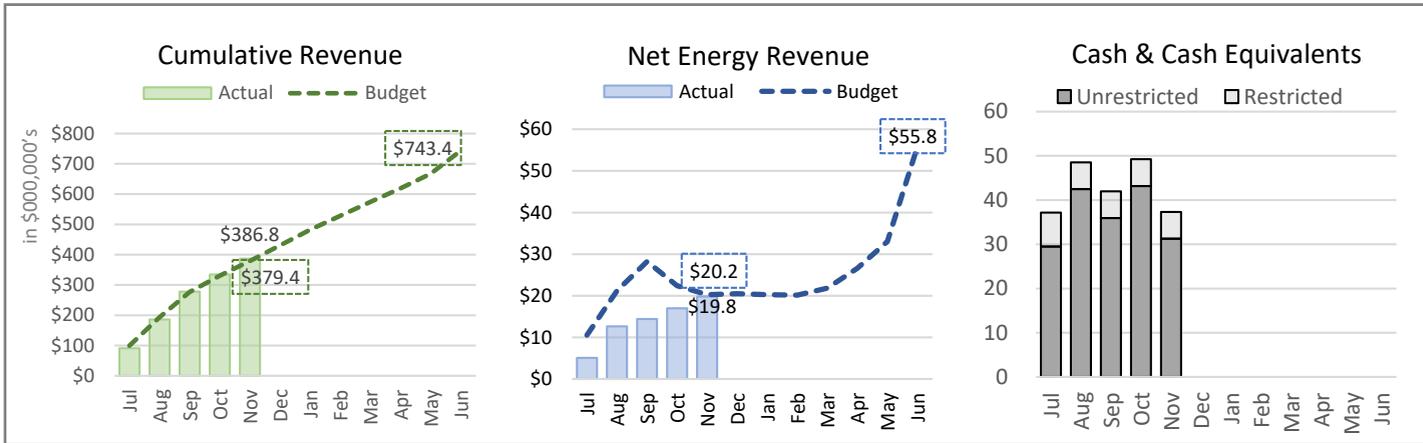
Opt-Out %
5.3%

YTD Sales Volume
5,132 GWh

Summary of Financial Results

in \$000,000's	November				Year-to-Date			
	Actual	Budget	Variance	%	Actual	Budget	Variance	%
Energy Revenues	\$52.5	\$48.4	\$4.1	9%	386.8	379.4	7.3	2%
Cost of Energy	\$49.6	\$50.6	-\$0.9	-2%	366.9	359.2	7.8	2%
Net Energy Revenue	\$2.8	-\$2.2	\$5.0	230%	19.8	20.2	-0.4	-2%
Operating Expenditures	\$2.0	\$2.0	\$0.0	-2%	9.0	10.6	-1.6	-15%
Net Income	\$0.9	-\$4.2	\$5.1	121%	10.8	9.7	1.1	12%

- CPA recorded results for the period that were above budget. The favorable results result primarily from timing differences arising from the sale of congestion revenue rights (CRRs) in the annual auction administered by the California Independent Systems Operator. The sale of CRRs reduced the cost of energy for the month. CRR annual auction results can not be reasonably estimated and CRR sales were spread out over the fiscal year for budgeting purposes. CPA expects to incur congestion costs, which the CRRs are designed to offset, over the course of 2020. Expenditures remain within authorized budget limits. For year-to-date:
 - Revenues of \$386.8 million were \$7.3 million or 2% above budgeted revenues. Cost of energy of \$366.9 million was 2% above budgeted energy costs.
 - Operating expenditures of \$9.0 million were 15% lower than budgeted primarily due to lower than budgeted staffing, technical and legal costs.
 - Net income of \$10.8M was \$1.1 million above budgeted net income of \$9.7M.
 - Management believes that available liquidity and bank lines of credit are sufficient for CPA to continue to meet its obligations.



Definitions:

Accounts: Active Accounts represent customer accounts of active customers served by CPA per Calpine Invoice.
 Opt-out %: Customer accounts opted out divided by eligible CPA accounts
 YTD Sales Volume: Year to date sales volume represents the amount of energy (in gigawatt hours) sold to retail customers
 Revenues: Retail energy sales less allowance for doubtful accounts
 Cost of energy: Cost of energy includes direct costs incurred to serve CPA's load
 Operating expenditures: Operating expenditures include general, administrative, consulting, payroll and other costs required to fund operations
 Net income: Net income represents the difference between revenues and expenditures before depreciation and capital expenditures
 Cash and Cash Equivalents: Includes cash held as bank deposits.
 Year to date (YTD): Represents the fiscal period beginning July 1, 2018



Staff Report – Agenda Item 4

To: Clean Power Alliance (CPA) Community Advisory Committee

From: Allison Mannos, Senior Manager, Marketing & Customer Engagement

Approved by: Ted Bardacke, Executive Director

Subject: Update on Community Based Organization (CBO) Grant

Date: February 20, 2020

SUMMARY

Clean Power Alliance recently launched a Community Based Organization Outreach Grant (CBO Grant) Request for Proposals (RFP) that will fund non-profits, Chambers of Commerce, and other local organizations to conduct outreach amongst underserved residents and/or small businesses in Los Angeles or Ventura counties. The goal of the CBO Grant program is to reach low-income customers in Disadvantaged Communities (DAC) and provide education on CPA service, the benefits of clean energy and financial incentives through CARE and FERA, CPA Power Response (CPA's Distributed Energy Response pilot program), and the DAC Green Tariff customer program (pending CPUC funding/approval). CPA's launch of the CBO Grant originated in part from feedback gathered during the Local Programs Strategic Plan community engagement process calling for culturally competent and intensive outreach to these customer populations.

Eight grants are being offered of up to \$20,000 each for work conducted between April 2020 – April 2021. Applicants awarded the full amount of \$20,000 will be expected to reach 5,000 residents and/or small businesses during the grant timeframe. There will be an emphasis on in-person engagement opportunities and CPA will offer training and translated outreach kits to awarded applicants. CBO Grant applications were due by email January 31, 2020. CPA received 9 applications and staff has conducted an initial review of these applications and is reviewing a shortlist of recommended applicants

with a sub-set of CAC members. Based on this feedback, CPA will proceed with awarding grants to the applicants whose proposals best meet the needs of the CBO Outreach program.

Based on the number of grants awarded to top applications received through the RFP process, CPA may issue an additional CBO Grant RFP to focus specifically on outreach goals and target areas that were not addressed by the majority of applications received.



Staff Report – Agenda Item 5

To: Clean Power Alliance (CPA) Community Advisory Committee
From: Natasha Keefer, Director of Power Planning & Procurement
Approved by: Ted Bardacke, Executive Director
Subject: Update on Integrated Resource Plan (IRP)
Date: February 20, 2020

SUMMARY

Natasha Keefer, Director of Power Planning & Procurement will provide a presentation to the Community Advisory Committee on the 2019-2020 Integrated Resources Plan (IRP) Cycle.

Attachment: 1) IRP Presentation



Update on 2020 Integrated Resource Plan

February 20, 2020

Background

- Under SB 350, the CPUC conducts a two-year planning cycle to consider Integrated Resource Plan (IRP) filings from all Load Serving Entities (LSEs)
 - In August 2018, CPA submitted its Board-approved Conforming Portfolio plan as part of the 2017-2018 IRP Cycle
- The IRP encompasses discrete planning exercises at the LSE and statewide levels to estimate reliability and environmental outcomes of hypothetical future portfolios, focusing on:
 - Transition from centralized, monopoly IOU service to a disaggregated new paradigm with the proliferation of CCAs
 - Moving from dependence on California's 30-40% natural gas resources to 100% clean energy
 - Plan for a diverse portfolio of resources that maintain overall system grid reliability

2019-2020 IRP

- The 2019-2020 IRP Cycle activities have begun, with LSEs' plans due on July 1, 2020
 - IRP filings must be Board-approved; CPA will be bringing its IRP for Board consideration in June
- Four CCAs¹, including CPA, have banded together to conduct IRP modeling jointly for the 2019-2020 IRP Cycle (referred to as the “Joint IRP”)
- The effort is intended to minimize inefficiencies, comprehensively plan for future resource needs, and ensure that individual IRPs integrate well to achieve statewide GHG and reliability goals

(1) The Joint CCAs include CPA, East Bay Community Energy, Peninsula Clean Energy, and San Jose Clean Energy

Conforming IRP Plan

- The CPUC requires all LSEs to submit a Conforming IRP Plan that must be consistent with the CPUC's Reference System Plan (RSP)
- The RSP requires CA's electric sector to meet a 46 million metric ton (MMT) greenhouse gas emissions target by 2030
 - 46 MMT is the target set for the state by the California Air Resources Board (CARB)
 - Various parties have advocated for more aggressive GHG targets, including a 38 MMT and 30 MMT case

Conforming Plan (cont.)

- The CPUC also prescribes other portfolio assumptions:
 - Assigned load forecast, including electric vehicle and behind-the-meter generation penetration assumptions
 - Representative resources recommended to be procured and associated resource costs
 - Other financial assumptions, e.g. gas and carbon price forecasts

Key Modeling Objectives

- Evaluate CPA's current portfolio and a range of alternative future portfolios to meet customers' electrical energy needs in an affordable, system-wide manner
- The IRP must balance the following procurement priorities: **affordability, GHG reductions, and system reliability/operability**
- The IRP modeling effort will focus on answering the following questions:
 - What tradeoffs are associated with various GHG reduction strategies?
 - How much renewable energy and flex capacity is needed to achieve CPA's renewable targets?
 - What is the ideal mix of resources for CPA to achieve the goals of both the state and its community?

Draft 2019-2020 Joint IRP Schedule (subject to change)

Date	Action
Jan – March	Formulate Joint Conforming and Alternate IRPs; disaggregate into individual IRPs
March – April	Consultation with internal and external stakeholders ¹
May	Update Board on initial IRP modeling results
June	Finalize IRP submission and bring to Board for consideration
July 1	IRP submissions due

(1) Stakeholders include CPA's Community Advisory Committee, Energy Committee, and environmental advocates, environmental justice advocates, renewable energy trade groups, and community organizations that intervene in the CPUC IRP process

Next Steps

- The Joint IRP group is finalizing modeling tools and developing preliminary scenarios
- CPA plans to engage with internal and external stakeholders, including the Community Advisory Committee, once initial modeling results are complete
- Key assumptions and trends will be presented to the Board in May, with the final IRP presented to the Board for consideration in June