

**VALLEY CLEAN ENERGY ALLIANCE  
COMMUNITY ADVISORY COMMITTEE**

**Staff Report Item - 5**

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**TO:** VCEA Community Advisory Committee

**FROM:** Alisa Lembke, Board Clerk/Administrative Analyst

**SUBJECT:** CAC Minutes of May 30, 2018 and July 2, 2018 Meetings

**DATE:** July 30, 2018

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**Recommendation**

- 1) At the CAC's meeting held on July 2, 2018, the draft May 30, 2018 meeting minutes were tabled to the next scheduled CAC meeting. The minutes have been revised for clarification purposes only by Staff Member Olof Bystrom, which are attached in "red lined" form for your review. Please note that formatting of the Minutes will need to occur after the changes have been approved by the CAC. Staff recommend receiving and approving the revised draft minutes from the May 30, 2018 meeting.
  
- 2) Receive and approve the minutes from the July 2, 2018 CAC meeting.

**MINUTES OF THE VALLEY CLEAN ENERGY ALLIANCE**  
**COMMUNITY ADVISORY COMMITTEE**  
**Wednesday, May 30, 2018**

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Chairperson Gerry Braun opened the Community Advisory Committee of the Valley Clean Energy Alliance in regular session beginning at 5:36 p.m. in the Davis Senior Center, located at 646 "A" Street, Davis, CA 95616.

**Welcome and Roll Call**

Committee Members Present: Gerry Braun (Chair), Christine Shewmaker (Vice-Chair), Mark Aulman, Tom Flynn, David Springer, Marsha Baird (Secretary), Yvonne Hunter, and Lorenzo Kristov

Committee Members Absent: None

**Approval of Agenda** Y. Hunter moved, seconded by M. Aulman to approve the agenda. Motion passed by the following vote:

AYES: Braun, Shewmaker, Aulman, Flynn, Springer, Baird, Hunter, Kristov  
NOES: None  
ABSENT: None  
ABSTAIN: None

**Public Comment** Chairman Braun opened it up for public comment. A person from the public, who is a volunteer for UC Davis Energy Center, and now works as an independent consultant, will be more engaged in VCEA.

Mr. Kristov commented that a future agenda item for the CAC to discuss are those current customers that are participating in 3<sup>rd</sup> party demand response (home connect). No structure is in place such as this with VCEA, so the transition needs to be discussed to offer this to the customers. This is a deficiency within all CCA's. Ms. Hunter asked if the only way to resolve this issue is through legislation? Mr. Kristov answered by saying that he did not think so, but rather VCE should come up with a similar contract. Ms. Hunter's thought was that possibly CCA could come up with a contract/agreement template.

Chairperson Braun asked for a Staff update. Mr. Sears announced that he has asked SMUD technical, Lean Energy and other CCAs how they have handled 3<sup>rd</sup> party demand response questions and issues. Currently, Mr. Sears does not know the scope of the number of customers this effect.

**Legislative and Regulatory Task Group:** Ms. Hunter stated that Shawn Marshall of Lean Energy listed the bills at the last CAC meeting of what bills CCA is following and what Cal CCA's point of view/approach is on those bills. She said that there is a summary available, but it does not give CCAs opinion on each at this point – there were several bills that were "opposed unless amended". So, they wait till all opinions come out. There are other bills moving forward and the Task Group will keep the other members of the CAC apprised of what those are. Chairperson Braun asked if the Task Group have met in person. Ms. Hunter said they have not but have been communicating through e-mails. Ms. Shewmaker informed those present that she has seen copies of letters on the internet from Cal CCA stating their opinions, but we (CAC) can't have them? Mr. Sears commented that Cal CCA is trying to position and organize themselves with an approach with the minute by minute changes in legislation. If there are letters available to the public on the internet, then it is okay to have them.

Mr. Kristov commented that there is a hot item in front of the CPUC regarding regulatory adequacy - Phase 2 will be addressing procurement and hearings on this subject start soon. Mr. Kristov informed those present that Cal CCA has asked him to provide expert testimony at the CPUC hearings. He would like to meet with the Task Group soon, then at the CAC July 2<sup>nd</sup> meeting he can provide the status of his testimony and how it is going. Mr. Kristov stated that Cal CCA is trying to offer solutions as their strategy. Mr. Sears agrees that Cal CCA is approaching with solutions rather than firm opposition.

Mr. Aulman asked how the revisions to the website were coming along? Ms. Hunter reviewed the VCEA website for completion, accuracy and clarity. Ms. Hunter says that it is a group process and that she has met with VCEA Staff Member Jim Parks on the proposed revisions. Ms. Shewmaker provided her opinion that the VCEA website needs to change as it is not user friendly and some of the information is not accurate. Ms. Hunter would like to see the revisions and updates be combined with the result being captured in a new pamphlet. Mr. Springer asked if the information on the website came from CirclePoint? Ms. Hunter said that it appears that it did. Mr. Sears reassured those present that the information on the VCEA website and postcard mailers is accurate.

There were no further comments from the public.

**Approval of April 26, 2018 Committee Meeting Minutes – IRP Workshop** Mr. Aulman moved, seconded by Mr. Springer to approve the April 26, 2018 Committee meeting minutes. Motion passed by the following vote:

AYES: Braun, Shewmaker, Aulman, Flynn, Springer  
NOES: None  
ABSENT: None  
ABSTAIN: Kristov, Hunter, Baird

**Million LED Lamp Challenge (Informational)** Professor and Director Michael Siminovitch of the UC Davis California Lighting Technology Center presented information on the Million LED Lamp Challenge. A brief slide presentation was provided which highlighted the program of establishing quality-based standards for lighting inside structures, so one specification that all lighting must meet. It is a statewide alliance of colleges and other Agencies. When the Request for Proposals went out, 20 companies responded. The objectives were to: 1) develop performance specifications, 2) establish a MLC program and 3) have a two-phase implementation approach. They looked at all aspects of a light bulb: color, shadow, strength, length of bulb, etc. As a result, performance specifications were developed and adopted.

**Question from Public:**

What percentage of California is lighting? Answer: Depends on the building type and operating under – applies to all facilities/homes.

Is there a requirement to list on the bulb information/labeling? Answer: Currently not, but it is forthcoming.

Was the RFP solicitation for the bulb or specifications? Answer: Specifications - one vendor was selected for this round, but each year they will have to go out to RFP.

LED only? Answer: yes, only LED lighting.

How can a CCA help? Via customers? Or? Answer: websites have information and are helpful especially while moving into the customer side. So, yes, CCA's can put it on their website, through a link with quality information.

Ms. Hunter offered to connect Mr. Siminovitch to a few government entities.

Gary Lawson and Olof Bystrom of SMUD each introduced themselves. Mr. Lawson reminded the Board Members that the IRP is due August 1<sup>st</sup>. SMUD met with CAC at the end of May and will provide a draft IRP and their recommendation to the CAC's July meeting. He asked that the CAC give thought as to what needs to be answered and/or done for the CAC to make a recommendation to the Board. Mr. Sears reminded those present that this is the third time the CAC has addressed a draft IRP and now things are coming into sharper focus. He stated that tonight the Board will assist the CAC in digging deeper and setting the stage for the CAC to make their recommendation to the Board at their July meeting.

Mr. Bystrom provided a brief recap of the CAC workshop and the last CAC meeting. He provided a few size reference maps. (Slide 3) UC Davis Rooftop Solar at Winery, Brewery and Food Science Laboratory with 756 Kw capacity. Ms. Hunter asked what size would you call this? Mr. Bystrom indicated small megawatt production of 1 megawatt (MW) and up, economies of scale. (Slide 4) City of Woodland Police Department rooftop and parking lot solar with a .45 MW capacity. (Slides 5 and 6) SMUD feed-in-tariff utility scale solar with 10 MW capacity over 128 acres and 18 MW capacity over 160 acres. Per Mr. Lawson, this was completed in 2012. Mr. Sears stated that for comparison, the Cannery is over 100 acres. Ms. Shewmaker asked how many would you need? Mr. Bystrom answered 30. Mr. Kristov asked if more electricity is generated if facing north-south? Mr. Bystrom answered yes. (Slide 7) Antelope Valley Solar Ranch with the capacity of 230 MW spread over 2,100 acres - very large scale (Edison territory, but Cal ISO territory).

Mr. Bystrom reviewed Slide 9 - IRP Resources Portfolio Alternatives and made the following comments on each portfolio:

**Base:** meets minimum requirements, but the 75% carbon free remains throughout until 2030. Mr. Flynn asked how well does the base meet or line up with the climate action plans adopted by VCEA jurisdictions? Mr. Bystrom explained that all IRP scenarios presented today will meet or exceed the various climate action plan objectives.

**Cleaner Base:** a little more ambitious in the Renewable Portfolio Standard (RPS) and carbon free, with carbon free being present through 2030. Ms. Shewmaker asked if this was affordable and available? Mr. Bystrom explained that considering the assumptions used (mainly from CPUC), this would be affordable and it is assumed that carbon-free resources would be available ~~answered yes, that is the assumption.~~

**Cleaner VCEA:** Similar to the Cleaner Base scenario with respect to the resource choice, RPS level and carbon free content but using VCEA's load forecast rather than the IEPR. Mr. Kristov asked if the load forecasting was the main difference between this scenario and Cleaner Base? Mr. Bystrom answered yes, this is a non-conforming forecast in terms of CPUC requirements.

Mr. Braun asked what are the benchmarks that must be met? Mr. Bystrom answered that one of them is the greenhouse gas benchmark which is based on VCEA's share of the total expected greenhouse gas emissions in 2030 - 129,000 tons.

Mr. Braun stated that when looking at 2030, where large hydro is not increasing, this appears to be Carbon Free modeling in 2030, which in his opinion is not feasible. Possibly, the CAC should look at the scenario. Ms. Shewmaker stated that shifting resources is not good. Mr. Flynn commented that it appears that VCEA would be utilizing more hydro in the future than what we use today. Mr. Kristov asked if we would be importing it? Mr. Flynn said yes.

#### **Clean Local:**

Mr. Bystrom reviewed Slide 10 - Resource Portfolio Renewables, which shows resource renewables for each of the portfolios (Base, Cleaner Base, Clean Local and Cleaner VCEA). Ms. Hunter asked if the CAC chooses one portfolio or do we do a range? Mr. Bystrom suggested that the Board should choose ~~preferred-Preferred~~ and ~~alternative Alternative~~ portfolios, but at a minimum one portfolio that meets the CPUC requirements. Ms. Hunter commented that it is her understanding that VCEA's IRP is not set in stone. Mr. Bystrom ~~stated that confirmed and highlighted that IRP is to be updated every 2 years is correct and can be adjusted, at a minimum every 2 years.~~ Mr. Lawson also stated that yes at that point time, we will have more information about procurement and costs, to make changes. Mr. Bystrom also stated that VCEA will ~~also~~ have other CCA's IRP filings for reference since the IRPs are public documents.

Mr. Flynn asked if local meant small scale? Mr. Bystrom answered, yes – such as parking lots, small ag fields, not behind the meter. One of the main considerations is cost. Mr. Braun asked why “behind the meter” is 0? Mr. Bystrom stated that they start at 0, then in 2022 39 solar MW. Mr. Braun asked exiting behind the meter? Mr. Bystrom answered yes, residential and business already installed. Mr. Braun commented that incremental adjustment could potentially be achieved.

Mr. Kristov asked about geothermal - is that all new construction? Mr. Bystrom answered yes ~~-- for the purposes of the IRP and for VCEA it is new capacity, but it would not have to be new construction new capacity for VCEA, but not really whether it is new geothermal.~~ He continued to state that wind power in Tehachapi and Solano could potentially be used, but there is limited availability this source is expensive. Mr. Kristov stated that solar is the lowest cost per megawatt - 3 megawatts battery come from CPUC requirements. Mr. Bystrom stated yes - there is a requirement for usage of new battery storage.

Mr. Braun commented about wind: there is an interest by Energy Commission looking at off shore wind, technologies being demonstrated showing that California could have off shore wind power. Thereby, mitigating the cost of wind power on land.

Mr. Bystrom reviewed Slide 11 - Resource Portfolio Generation Mix.

Mr. Bystrom reviewed Slide 13 - Resource Portfolio Capacity at Annual Peak Hour which showed that in 2016 the cost of wholesale energy [electricity, fixed cost (loans), reserve capacity] does not have any transmission or distribution charges because PG&E is required to pay this. The key results are shown in the 2030 Power Cost Breakdown of energy graph on the far right, with being Carbon Free content in 2030.

Mr. Bystrom skipped Slide 14 - Carbon Neutral vs. Carbon Free.

Mr. Bystrom reviewed Slide 15 - Observations & Recommendations. On the left are the observations and to the right shows the recommendations. Ms. Shewmaker asked what do you mean by Carbon neutrality? Mr. Bystrom then referred to Slide 14 - showing

hour by hour over a 24-hour period, purchasing in a block, showing the difference between Carbon Neutral and Carbon Free. Mr. Lawson stating that the comparison shows balancing loads with VCEA's needs so, looking at it hour by hour rather than over the course of 24 hours and/or based on your portfolio. Ms. Shewmaker observed that in the long term getting away from using fossil fuels.

Mr. Bystrom continued with his review of costs for renewable energy in Slide 15 - Observations & Recommendations. SMUD's recommendation is leaning towards "Cleaner ~~based~~ Base" portfolio, focusing on large scale conventional renewables and be open to local competitive offers. Ms. Shewmaker commented that she is thinking about what it means to be carbon neutral and carbon free - she needs to think about this.

Mr. Braun commented that the environmental effects on where things located are different (such as: local, in the community, ground field sites) and there is a trade off with things elsewhere. All have effects on the environment. Transmission costs and losses on generation expansion - CCAs do not have to worry about this. ~~This does not mean that others who do have to pay attention to this have to pay these costs.~~

Mr. Flynn asked about the Resource Portfolio on Slide 13, the graph emphasizes function? It appears that it is assuming 36.5 increments for 3 years. Maybe not so ambitious so smooth out the curves. Mr. Bystrom stated that there are many ways to make the curves. Mr. Lawson added that possibly there will be favorable local prices in the procurement process.

Mr. Sears commented that the main slide for the CAC to look at is Slide 15 to fashion a recommendation to the Board.

**Integrated  
Resource Plan  
(IRP)  
Prioritization of  
Action Plan  
Activities for  
Years 1-3**

Mr. Lawson reminded the CAC that the IRP – Action Plan will be important as it will be VCEA's "deliverable" on how you are going to get to your 2030 goals.

Mr. Braun suggested that the CAC Members go through the listed items understood by the Committee, do an on-line survey for the Committee Members to prioritize, then ask Staff to see if the CAC members are trending in the same direction/consensus.

Mr. Kristov asked what the significance is of the IRP? Mr. Lawson explained that the CPUC wants to know what VCEA's commitment is to achieve your 2030 goals, then the next deliverables will be in the next IRP due in 2 years.

Mr. Lawson reviewed Slides 44-46, which is Staff's prioritization of possible Action Plan Activities. On Slide 47, it lists the logic behind Staff's proposed prioritization.

Mr. Braun asked what does VCEA want to commit to in this "cycle" - can we also do things beyond what is in our Action Plan? Can VCEA look at the IRP that way? Mr. Sears responded with yes, there are basics that need to be in Plan, but "behind the scenes" goals and how to go about accomplishing those goals can certainly be discussed by the CAC and the Board. Mr. Braun suggested that possibly those "outside" goals could be broken down into some business plan years (such as 5, 4, 3) then there are longer term vision goals that do not have to be done by next meeting. To summarize, scoping before resources are being committed or IRP CPUC requirements then outline a VCEA long term process. Mr. Sears suggested that those ideas or approach should be presented to the Board at their June 6<sup>th</sup> meeting.

Ms. Hunter suggested that the CAC develop long term goals which may include 1<sup>st</sup>, 2<sup>nd</sup> or 3<sup>rd</sup> year actions, but that the CAC should come back to Staff and the Board for suggestions. Ms. Hunter liked the idea of being pre-emptive by looking at a variety of issues, priorities and goals.

**Public Comment:** A person from the audience suggested that the CAC consider placing in the IRP that the Board will “develop a long-term plan....” or however, they would like to word it.

Mr. Braun supports Staff’s recommendation of outlining high operational priority action steps, then identifying the intention to come back to the Board with CAC’s long-term goals that will first need to be developed, resolved and planned for, but those goals would not feed into this IPR process. Mr. Sears reiterated that this will set the stage for the next Board meeting whereby the CAC presents a 1-3 year Action Plan and confirms with the Board on whether they agree with the priorities and descriptions suggested.

**Recommendation on Suspension of Forward PCC-2 Renewable Procurement**

Mr. Lawson reviewed the Staff report with those present asking that the CAC support Staff’s recommendation for the Board to adopt a resolution in summary 1) to suspend the current procurement of PCC2 until 2019 pending outcome of the California Energy Commission’s effort until we know how it is defined; 2) authorize the General Manager to reactivate PCC2 Renewable procurement should the ruling be favorable as to the treatment of PCC2 power; and, 3) require staff to return for additional authorization in the event that CEC’s change in Power Source Disclosure / Power content labeling requirements is not favorable.

Mr. Lawson reviewed the chart on page 59 of the packet showing 2019 carbon footprint and renewable input estimations under current assumptions. He also reviewed the chart on page 60 showing the same estimations but under the proposed report requirements.

Mr. Braun commented that by taking time off from PCC2 procurement, it will give the CAC the opportunity to see how it is generated, in what way, what the environmental impact is, and what are the implications of purchasing PCC2 power. Mr. Sears commented that yes, the VCEA has an environmental and fiduciary duty to look at all aspects of the type of energy procured.

There were no public comments made.

Ms. Hunter moved, seconded by Mr. Flynn to support Staff’s recommendation to the Board to suspend the procurement of PCC2 renewables. Motion passed by the following vote:

AYES: Braun, Aulman, Flynn, Springer, Baird, Hunter, Kristov  
NOES: None  
ABSENT: None  
ABSTAIN: Shewmaker

**Advisory Committee Member and Staff Announcements**

Mr. Sears reminded those present that the VCEA Launch party is this Friday. He stated that the opt out rates was at approximately 2% and or large loads the opting out rate is at about 5.5-6%. He reminded those present that the economic modeling assumed a 10% opt out rate. Mr. Flynn asked if the large was agricultural or residential? Mr. Sears

answer with agricultural. Ms. Hunter asked if Staff knew the reason as to why agricultural were opting out. Mr. Sears said that they did not like the automatic opting in. Ms. Hunter asked if Staff can look at the trends as to why they are opting out in the hopes of developing a process to get them back in. Mr. Sears stated that Mr. Parks and Cole were looking into the trends. Mr. Sears continued by stating that there were 28 residential opt ups. Mr. Sears also stated that Mr. Parks was looking at a marketing strategy top address opt outs.

Ms. Hunter announced that Cool Davis hosted a VCEA presentation and there was a good discussion amongst those who attended with the panel of speakers. Ms. Hunter asked Staff if she had heard Davis Councilperson Lucas Frerich correctly when he mentioned that City of Davis is requiring new commercial customers, a hotel she thinks, to opt up. Did she hear this correctly? Mr. Sears answered that she heard correctly, but it was his approach as the Interim General Manager he did not want to mandate customers to opt up but would rather leave this decision up to the customer.

Mr. Lawson announced that this Friday will also be the launch of Indian Valley hydro project.

Ms. Baird asked if VCEA will offer the same PG&E rates. Mr. Lawson stated that VCEA holds all tariffs that PG&E offered.

Mr. Sears thanked Mr. Lawson and the SMUD team for getting Indian Valley hydro, which is not a huge power supplier, but it is local.

Mr. Aulman announced that he would be doing a VCEA presentation on June 6<sup>th</sup> to the Woodland League of Women Voters. He will need a computer, projector and screen but that Ms. Shewmaker would confirm that they had a screen. He will also need a jump drive (USB port) with the PowerPoint presentation on it. He will be speaking with Jim Parks on the common questions asked.

**Next Steps** CAC Members are to go through the listed action plan items and prioritize them, then Staff will look at whether the Members are trending in the same direction/consensus. This information should be presented to the Committee at their July meeting to assist the Committee in making an IRP recommendation to the Board.

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**Next Meeting** The next CAC meeting is scheduled for Monday, July 2, 2018 at 5:30 p.m. at the Woodland Community & Senior Center located at 2001 East Street, Woodland, CA 95776.

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Meeting was adjourned at 8:13 p.m.

Alisa Lembke  
Board Clerk/Administrative Analyst



**MINUTES OF THE VALLEY CLEAN ENERGY ALLIANCE**  
**COMMUNITY ADVISORY COMMITTEE MEETING**  
**Monday, July 2, 2018**

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Chairperson Gerry Braun opened the Community Advisory Committee of the Valley Clean Energy Alliance in regular session beginning at 5:30 p.m. in the Yolo County Department of Community Services, Cache Creek Room, 292 W. Beamer St., Woodland, CA 95695.

**Welcome and Roll Call**

Committee Members Present: Gerry Braun (Chair), Christine Shewmaker (Vice-Chair), Mark Aulman, Tom Flynn, Yvonne Hunter, Marsha Baird\*, and Lorenzo Kristov\*\*

Committee Members Absent: David Springer

**Approval of Agenda**

M. Aulman moved to approve the July 2, 2018 CAC Agenda, seconded by Y. Hunter. Motion passed unanimously with the following vote:

AYES: Braun, Shewmaker, Aulman, Flynn, Hunter  
NOES: None  
ABSENT: Springer, Baird, Kristov  
ABSTAIN: None

\*Member Marsha Baird arrived at 5:34 p.m.

**Public Comment**

Chairperson Braun opened up the floor to public comment. There was no public comment.

**VCEA Staff and Advisory Task Group Reports**

There were no reports from VCEA Staff.  
\*\* Member Lorenzo Kristov arrived at 5:41 p.m.

**Community Outreach Task Group:** Mark Aulman provided an update. He informed those present that VCEA is going out for a marketing and public outreach RFP since Circlepoint's contract will terminate in September 2018. VCEA will be abiding by City of Davis procurement policies including request for proposals (RFP) subject to legal counsel's review. The current status is that VCEA Staff are waiting for legal counsel's comments to the draft RFP. He informed those present that based on input from solar vendors and NEM customer feedback, VCEA Staff was asked to address potential modifications to the current NEM policy.

Gary Lawson reported that a fire took out 30 poles at Hidden Valley Hydro. SMUD, PG&E and other entities will be viewing the site and assisting where possible.

**Legislative and Regulatory Task Group:** Delayed to later discussion in this meeting.

**Energy Task Group:** Delayed to a later discussion in this meeting.

**Approval of May 30, 2018 Committee Meeting Minutes**

Chairperson Braun suggested that the Minutes be sent out to the CAC Members for review prior to finalizing the draft meeting minutes; removing the May 30, 2018 draft Minutes from the consent Agenda; and, tabling the Minutes to the next CAC meeting. Members discussed the process by which Minutes are to be amended and approved.

**Public Comment:** None.

C. Shewmaker moved to table the approval of the May 30, 2018 meeting minutes to the next regular scheduled CAC meeting, seconded by Chairperson Braun. Motion passed by the following vote:

AYES: Braun, Shewmaker, Aulman, Flynn, Baird, Kristov  
NOES: Yvonne Hunter  
ABSENT: Springer  
ABSTAIN: None

**Long Range Calendar**

Y. Hunter moved to have the Monday, September 3<sup>rd</sup> CAC meeting rescheduled to Wednesday, August 29, 2018 due to September 3<sup>rd</sup> being a national holiday, seconded by C. Shewmaker. Motion passed unanimously by the following vote:

AYES: Braun, Shewmaker, Aulman, Flynn, Hunter, Baird, Kristov  
NOES: None  
ABSENT: Springer  
ABSTAIN: None

A few Agenda items were requested to be added to the calendar:

1. add NEM policy to the CAC's Monday, July 30<sup>th</sup> meeting and to the Board's Thursday, August 9<sup>th</sup> meeting.
2. add solicitation of draft long term renewable procurement policy to CAC's July 30<sup>th</sup> meeting.

C. Shewmaker moved to add the above items to the long term calendar, seconded by Chairperson Braun. Motion passed unanimously by the following vote:

AYES: Braun, Shewmaker, Aulman, Flynn, Hunter, Baird, Kristov  
NOES: None  
ABSENT: Springer  
ABSTAIN: None

**Net Energy Metering (NEM) Policy**

VCEA Staff Jim Parks reviewed the current NEM policy and the potential issues that may arise. He reviewed numerous slides that covered solar community feedback and concerns about the true up date and other issues that have come to light. As a result, VCEA Staff reviewed the current NEM policy to look at those concerns. Staff is recommending to postpone NEM enrollment until 2019 (expected first quarter of calendar year 2019) to allow for development/finalization of a modified policy and billing systems. Mr. Parks reviewed several policy amendment concepts:

- 1) consider staying with the PG&E model;
- 2) shift some customers from annual billing to monthly billing who consistently owe more than \$500 a year while maintaining their existing true up date; and,
- 3) for new NEM customers, place them on annual billing and their true up date will be in the month they become a NEM customer, unless their annual true up exceeds \$500.

Chairperson Braun asked what does “impact” mean to the business - a loss? Accounts receivable? Mr. Parks responded stating that it is a cash issue - cash is recognized as revenue once it is received.

Mr. Parks asked that the CAC start to think about the issues for a future discussion. He also presented the next steps.

Y. Hunter moved to request that the VCE Board postpone enrollment of NEM customers until 2019 to allow for Staff to develop/finalize a modified policy and billing systems; asked that the Board address the NEM policy at their scheduled August 9, 2018 meeting; and, if the Board approved CAC’s recommendation, the CAC would like to emphasize to the Board the need for communication with NEM customers on the postponement and any amendments to the policy, seconded by M. Aulman. Motion passed unanimously by the following vote:

AYES: Braun, Shewmaker, Aulman, Flynn, Hunter, Baird, Kristov  
NOES: None  
ABSENT: Springer  
ABSTAIN: None

**Integrated  
Resource Plan  
(IRP) – CAC to  
recommend final  
draft to Board  
for submittal to  
CPUC**

VCEA Staff Olof Bystrom presented a final draft Integrated Resource Plan and Action Plan within. Mr. Bystrom reviewed several items including: “What’s New”, Resource Portfolio Generation Mix, and the differences between Base, Cleaner Base, and Local.

Mr. Kristov commented that in one of the graphs, local consumption in 2030 flattens out from the year 2022. Mr. Bystrom stated that it actually goes down slightly since additional PV (photovoltaic), behind the solar meter, drives down the demand and that it is anticipated additional technical efficiency will be achievable in the future. He also mentioned that they used .49 range in increase in VCEA’s ten (10) year budget forecast.

Mr. Kristov asked why in Slide 22 (Estimated General Costs by Portfolio) does the graph go up dramatically in 2026? Mr. Olof responded that the carbon cost goes up in 2026. He added that they used the CPUC reference portfolio model, which must be used as a reference portfolio for comparison.

Ms. Shewmaker asked what does “greenfield” mean on Slide 23 (Notes on Resource Choices)? Mr. Bystrom stated that “greenfield” means that the site is starting from scratch, no rehabbing an established site. He added that solar, storage, scale, resources, environmental and regulatory issues are looked at when considering development within Yolo County. Mr. Flynn asked if storage will cost less in the future? Mr. Bystrom said that it is anticipated that the costs would go down around the year 2022. Mr. Bystrom continued reviewing the slides.

Ms. Shewmaker asked what is your time for ramp up if the deadline year is 2021? Mr. Bystrom responded that modeling shows that in 2021 should be ramped up to 65% and another ramp up in 2022. Ms. Hunter suggested that Staff clarify with better examples in the section “...161,518 MWh by 2021...” for the Board.

Mr. Lawson reviewed the slides pertaining to the Action Plan by highlighting the changes and edits to the initial draft IRP and the incorporation of the CAC Members’ ranking of action plan activities. Mr. Lawson asked if there were any questions or comments. Mr. Kristov wanted to emphasize the opportunistic approach of the procurement strategy as addressed in the IRP by Staff.

The Members and Staff discussed the IRP and made various suggestions on how to improve, clarify and expand on items covered within the IRP. Chairperson Braun reminded those present that VCEA is at a very early stage in its existence and that it is difficult to come up with a solid five (5) year plan, but that there will be plenty of opportunities to revise the plan as more information comes in and is available. Ms. Shewmaker suggested that possibly an alternate plan be included. Mr. Bystrom stated that the IPR needs to include a portfolio that CPUC will certify as compliant and alternate portfolios can be listed within. He informed the Members that all three (3) portfolios (Base, Cleaner Base, and Local) are in compliance but that only one will be certified by the CPUC.

Ms. Hunter suggested that a statement be included in the IRP that summarized Chairperson Braun's suggestion that as VCEA gains more experience, information and as VCEA evolves, VCEA will explore local renewables. Mr. Lawson stated that this discussion on renewables will come up sooner than later and should be discussed at a future meeting. Mr. Bystrom reminded those present that the IRP is a document that "advertises" VCEA's policies and that the 3 year Action Plan outlines the actions VCEA plans to take to achieve the goals and objectives set out in the IRP.

Members discussed what factors and future analysis will need to be made after the IRP has been submitted. It was suggested that the Cities' and County's Action Plans be looked at while talking about future planning for VCEA.

C. Shewmaker made a motion to 1) accept Staff's recommendation to approve the attached IRP adopting Cleaner Base as its preferred portfolio with the local being the alternative and would ask Staff to insert in the appropriate places to look at local renewable proactively and we would incorporate local renewables where feasible and cost effective and 2) approve the IRP Action Plan, seconded by Y. Hunter.

Chairperson Braun commented that he has a concern with the motion as made. He would like to codify the motion - he would like it clarified. Board Clerk Alisa Lembke repeated several times the motion, each time making it clearer with suggestions from Ms. Shewmaker and Mr. Hunter. After Ms. Lembke repeated the motion as clarified, Chairperson Braun asked if the other Members were good with the motion as clarified. Mr. Aulman and Ms. Baird said they liked the motion. Mr. Flynn said he had nothing to add. Mr. Kristov had no comments.

C. Shewmaker revised her original motion to 1) accept Staff's recommendation to approve the draft IRP adopting Cleaner Base as its preferred portfolio with Local being the alternative portfolio; 2) direct Staff to insert in the appropriate places, VCEA's desire to maximize the incorporation of local renewables to the extent feasible and cost effective; and, 3) approve the IRP Action Plan, seconded by Y. Hunter. Motion passed unanimously by the following vote:

AYES: Braun, Shewmaker, Aulman, Flynn, Hunter, Baird, Kristov

NOES: None

ABSENT: Springer

ABSTAIN: None

**Group Summary  
and  
Recommendation  
on Assembly Bill  
813 and Senate  
Bill 100**

how the CAC would go about reviewing legislation and would follow CalCCA's position recommendation but that if the Task Group thought differently on CalCCA's position, the Task Group would bring it to the Board as a CAC recommendation.

**Senate Bill 100 (SB 100):** Both Leg./Reg. Task Group and VCEA Staff agree to support this bill, which is being heard in Committee tomorrow.

Y. Hunter moved to accept Task Group's recommendation to the VCEA Board to support SB 100 (de Leon) Renewable Portfolio Standard. GHG Emissions, said position is consistent with CalCCA's position including the topics raised in CalCCA's letter dated January 16, 2018 to Honorable Kevin DeLeon which would result in withdrawal of support, seconded by M. Aulman. Motion passed by the following vote:

AYES: Hunter, Flynn, Shewmaker, Aulman, Baird

NOES: -0-

ABSENT: -0-

ABSTAIN: Braun, Kristov

**Assembly Bill 813 (AB 813):** Ms. Hunter reviewed AB 813 which proposes for a multi-State regional transmission system organization. Task Group recommends "No Position". She noted that VCEA Staff is recommending to follow CalCCA's position, which is to support AB 813.

Mr. Kristov expressed concern on how CalCCA derives their decisions and whether VCEA Staff are involved. Ms. Hunter clarified that CalCCA is new and getting organized. They have a Board of Directors and Leg. Committee consisting of CCA Members, who make recommendations to the CalCCA's Board of Directors. CalCCA is trying to stream-line their process. Ms. Shewmaker commented that this is a very complicated issue and even though she has listened to many opinions and read analysis, she is comfortable with the Task Group's position. Mr. Kristov commented that possibly it is an innate response to agree with CalCCA's position. Mr. Kristov continued that he personally opposes AB 813 because there are only 2 choices, which do not recognize objectives and how to approach those objectives. He thinks that there should be a third choice that outlines those objectives and how to achieve them. Ms. Shewmaker commented that there is no hurry to take a position - it has not gone through the Committee. Ms. Hunter agrees with Mr. Kristov and Ms. Shewmaker and suggested that taking a "No Position" is better than opposing or supporting.

Ms. Baird asked if the CAC Members need to vote on a position or can the recommendation go to the Board from the Task Group. Ms. Hunter stated that the recommendation needs to come collectively from the CAC not the Task Group.

C. Shewmaker moved to accept Task Group's recommendation to the VCEA Board to take "No Position" on AB 813 (Holden) Multi-State Regional Transmission System Organization, seconded by Y. Hunter. Mr. Kristov asked if there were any questions or comments. There being none. Motion passed with the following vote:

AYES: : Braun, Shewmaker, Aulman, Flynn, Hunter, Kristov

NOES: -0-

ABSENT: David Springer

ABSTAIN: Marsha Baird

Chairperson Braun asked if there was any public comment. An Attendee mentioned that in Agenda Item #7 – Net Energy Metering (NEM) Policy that VCEA might want to consider the PR implications and get the message to NEM Customers sooner than later. Also the suggestion was made to consider creating incentives to bring them (NEM Customers) on board sooner than delaying their enrollment until later. She suggests getting them informed and involved as soon as possible. Also, she suggested that the subject of looking for grants should be added to the CAC Agenda.

**Advisory  
Committee  
Member and Staff  
Announcements**

Chairperson Braun thanked Staff for collecting information on the Action Plan activities in the IRP. Ms. Shewmaker said the webinar that took place on June 27, 2018 was good.

Mr. Lawson presented a PowerPoint slide outlining “VCEA Staff Critical Path Items for Long Term Renewables Solicitation”. He said he would send it out to the CAC Members in the hopes that it will be placed on the CAC’s July 30<sup>th</sup> agenda for discussion and possible recommendation to the Board.

**Next Steps**

CAC Members are to review the slide presented tonight by Staff regarding “critical path items for long term renewable procurement solicitation”. This item will be discussed at the next CAC meeting scheduled for Monday, July 30<sup>th</sup>.

**Next Meeting**

The next CAC meeting is scheduled for Monday, July 30, 2018 at 5:30 p.m. at the Davis Senior Center located at 646 “A” Street, Davis, CA 95616.

**Adjournment**

Y. Hunter made a motion to adjourn the meeting, seconded by M. Aulman. Motion passed unanimously by the following vote:

AYES: Braun, Shewmaker, Aulman, Flynn, Hunter, Baird, Kristov

NOES: None

ABSENT: Springer

ABSTAIN: None

Meeting was adjourned at 7:50 p.m.

Alisa Lembke  
Board Clerk/Administrative Analyst