

#### Regular Meeting of the Community Advisory Committee (CAC) of Valley Clean Energy Alliance Thursday, August 24, 2023 at 5:00 p.m. City of Davis Community Chambers 23 Russell Blvd., Davis, California 95616

CAC Members will be attending in-person and public participation will be in-person or available via Zoom Webinar (video/teleconference). Valley Clean Energy (VCE) will, to the best of its ability, provide hybrid and remote options for VCE meeting participants and to the public; however, VCE cannot guarantee these options will be available due to technical limitations outside of our control. For assurance of public comment, VCE encourages in-person and written public comments to be submitted as described below when possible. VCE, to the best of its abilities, will provide participation via the Zoom platform.

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 Alisa Lembke, VCE Board Clerk/Administrative Analyst, at least two (2) working days before the meeting at (530) 446-2754 or <u>Alisa.Lembke@valleycleanenergy.org</u>.

If you have anything that you wish to be distributed to the CAC and included in the official record, please hand it to a member of VCE staff who will distribute the information to the CAC members and other staff.

Please note that the numerical order of items is for convenience of reference. Items may be taken out of order on the request of any CAC member with the concurrence of the CAC. Staff recommendations are advisory to the CAC. The CAC may take any action it deems appropriate on any item on the agenda even if it varies from the staff recommendation.

<u>Members of the public</u> who wish to participate remotely in the CAC's meeting may do so with video/teleconferencing call-in number and meeting ID code. To join remotely, please see the Zoom Webinar (video/teleconference) information below:

From a PC, Mac, iPad, iPhone, or Android device with high-speed internet.

(If your device does not have audio, please also join by phone.)

https://us02web.zoom.us/j/82614629070 Meeting ID: 826 1462 9070

#### b. By phone

<u>One tap mobile:</u> +1-669-900-9128,, 82614629070# US +1-669-444-9171,, 82614629070# US <u>Dial:</u> +1-669-900-9128 US +1-669-444-9171 US **Meeting ID: 826 1462 9070** 

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Public comments may be submitted electronically or verbally during the meeting. Instructions on how to submit your public comments can be found in the PUBLIC PARTICIPATION note at the end of this agenda.

**Committee Members:** Mark Aulman (Chair), Rahul Athalye (Vice Chair), David Springer, Marsha Baird, Cynthia Rodriguez, Lorenzo Kristov, Jennifer Rindahl, Keith Taylor, Carl Linvill, Diccon Westworth

#### 5:00 P.M. CALL TO ORDER

- 1. Welcome New Member(s)
- 2. Public Comment: This item is reserved for persons wishing to address the CAC on any VCE-related matters that are not otherwise on this meeting agenda <u>or</u> are listed on the Consent portion of the agenda. Public comments on matters <u>listed</u> on the Regular agenda shall be heard at the time the matter is called. As with all public comment, members of the public who wish to address the CAC are customarily limited to two minutes per speaker, electronically submitted comments should be limited to approximately 300 words. Comments that are longer than 300 words will only be read for two minutes. All electronically submitted comments, whether read in their entirety or not, will be posted to the VCE website within 24 hours of the conclusion of the meeting. See the information below under PUBLIC PARTICIPATION at the conclusion of this agenda about how to provide your public comment.
- 3. Brief VCEA Staff and Advisory Task Group Reports (≈ 20 minutes) Representatives of VCE staff and active Task Groups will provide updates on on-going Staff and Task Group work. Task Group recommendations requiring Committee attention require a regular agenda item. Summaries of written reports received by the Committee in advance of the meeting will receive a time allocation of up to ten minutes. Otherwise, the time allocation will be five minutes, including questions and answers. The Committee may decide to allocate additional time at the end of the regular agenda.
  - a. Task Group Reports
  - b. Staff Report / Recap of Board 7/13/23 Meeting

#### CONSENT AGENDA ( ≈ 5 minutes)

- 4. Approval of June 22, 2023 Meeting Minutes.
- 5. Receive Customer Participation update. (Information)

#### **REGULAR AGENDA**

- 6. Energy Markets update and Procurement Direction. (Discussion/Action)
  - a. 2024 and 2025 Resource Adequacy Market and procurement framework
  - B. Renewable Product Content Category (PCC) options for Compliance Period 4 (ending 2024). (≈ 30 minutes)
- 7. Seeking feedback and recommendation on minor update of VCE's Strategic Plan and extension of the planning period to the end of 2025. (Discussion/Action) (≈ 15 minutes)



- Seeking recommendation on Phase 2 of VCE's Electric Vehicle Rebate Pilot Program. (Discussion/Action) (≈ 20 minutes)
- 9. Receive 2023 Long Range Calendar. (Information/Discussion) (≈ 10 minutes)
- **10.** Advisory Committee Member and Announcements. (≈ 5 minutes) Action items and reports from members of the Advisory Committee, including announcements, reports on meetings, and information which would be of interest to the Committee or the public.
- **11. Announcement and Adjournment.** The CAC's next scheduled meeting is Thursday, September 28, 2023 at 5 p.m. at the City of Woodland Council Chambers located at 300 First Street, Woodland, California 95695.

**PUBLIC PARTICIPATION**: <u>Public Comments</u>: Public participation for this meeting will be done electronically via e-mail and during the meeting as described below.

**Public participation via e-mail:** If you have anything that you wish to be distributed to the CAC and included in the official record, please e-mail it to VCE staff at <u>Meetings@ValleyCleanEnergy.org</u>. If information is received by 3:00 p.m. on the day of the CAC meeting it will be e-mailed to the CAC members and other staff prior to the meeting. If it is received after 3:00 p.m. the information will be distributed after the meeting, but within 24 hours of the conclusion of the meeting. Written public comments that do not exceed 300 words will be read by the VCE Board Clerk, or other assigned VCE staff, to the CAC and the public during the meeting subject to the usual time limit for public comments [two (2) minutes]. General written public comments will be read during Item 2, Public Comment. Written public comment on individual agenda items should include the item number in the "Subject" line for the e-mail and the Clerk will read the comment during the item. Items read cannot exceed 300 words or approximately two (2) minutes in length. All written comments received will be posted to the VCE website.

#### Verbal public participation during the meeting:

- 1) If attending in person, please complete a Comment Card and return it to the Board Clerk.
- 2) If attending remotely via Zoom, there are two (2) ways for the public to provide verbal comments:
  - A. If you are attending by computer, activate the "participants" icon at the bottom of your screen, then raise your hand (hand clap icon) under "reactions". When called upon, you will be "unmuted" to allow to speak.
  - B. If you are attending by phone only, you will need to press \*9 to raise your hand. When called upon, press \*6 to unmute your microphone.

# VCE staff will acknowledge that you have a public comment to make during the item and will call upon you to make your verbal comment.

Public records that relate to any item on the agenda for a regular or special CAC meeting are available for public review on the VCE website. Records that are distributed to the CAC by VCE staff less than 72 hours prior to the meeting will be posted to the VCE website at the same time they are distributed to all members, or a majority of the members of the CAC. Questions regarding VCE public records related to the meeting should be directed to Board Clerk Alisa Lembke at (530) 446-



2750 or Alisa.Lembke@ValleyCleanEnergy.org. The Valley Clean Energy website is located at: <a href="https://valleycleanenergy.org/cac-meetings/">https://valleycleanenergy.org/cac-meetings/</a>.

Accommodations for Persons 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 Alisa Lembke, VCE Board Clerk/Administrative Analyst, as soon as possible and preferably at least two (2) working days before the meeting at (530) 446-2754 or <u>Alisa.Lembke@ValleyCleanEnergy.org</u>

## VALLEY CLEAN ENERGY ALLIANCE COMMUNITY ADVISORY COMMITTEE

### Staff Report - Item 4

то:	Community Advisory Committee
FROM:	Alisa Lembke, Board Clerk/Administrative Analyst
SUBJECT:	CAC June 23, 2023 Meeting Minutes
DATE:	August 24, 2023

### **Recommendation**

Receive, review and approve the attached June 23, 2023 meeting minutes.



### MINUTES OF THE VALLEY CLEAN ENERGY ALLIANCE COMMUNITY ADVISORY COMMITTEE MEETING THURSDAY, JUNE 22, 2023 CITY OF DAVIS COMMUNITY CHAMBERS 23 RUSSELL BLVD., DAVIS, CA 95616

Chair Mark Aulman established that there was a quorum present and opened the Community Advisory Committee of the Valley Clean Energy Alliance in a meeting on Thursday, June 22, 2023 beginning at 5:03 p.m., held at City of Davis Community Chambers located at 23 Russell Blvd., Davis, California 95616.

Welcome and Roll Ca	<u>   </u>					
Committee Members Present:		Mark Aulman (Chair), Rahul Athalye (Vice Chair), David Springer, Marsha Baird, Lorenzo Kristov, Jennifer Rindahl, Keith Taylor, Carl Linvill				
Committee Members	Absent:	Cynthia Rodriguez				
Welcome	being reappoi for being appo	welcomed everyone and congratulated Jennifer Rindahl for nted to the CAC representing the City of Winters and Carl Linvill pinted to the CAC representing the City of Davis. Chair Aulman . Linvill introduce himself.				
Public Comment / Introductions		o verbal or written public comments on items not on the agenda nt Agenda items. Chair Aulman moved on to the Regular				
Brief Task Group and VCE staff Reports	to report since Legislative / R	Putreach: David Springer informed those that there was nothing e the Task Group has not met in a while. egulatory: Lorenzo Kristov informed those present that the				
	Staff Yvonne H ratification of (Central Procu	ues to meet, and reported that there is not much going on. VCE Hunter referred the CAC to Item 5 of their packet on the Board's two (2) legislative bills (Ab 50 (Interconnection) and AB 1373 urement. Resource Adequacy). VCE continues to work with viewing proposed legislation and monitoring the State's annual				
VCE CAC Minutes		: Nothing to report and refer to Item 9 – Strategic Plan the Regular agenda. June 22, 2023 Meeting	Page 1 of 4			



	June 15, 2023 Board Special meeting and 5-Year Anniversary reception
	update: Assistant General Manager Gordon Samuel provided an update on
	the Board's June 15, 2023 special meeting and provided highlights of VCE's 5-
	year anniversary reception held prior to the Board meeting. He informed those
	present that an application for appointment to the CAC has been received
	from a City of Woodland Customer. This application, along with any other
	Customer applications received, will be provided to the Board at their July 15,
	2023 regular meeting for consideration of appointment. VCE received Kristin
	Jacobs' resignation from her CAC At-large seat due to her moving out of VCE's
	jurisdiction. He informed those present that VCE Staff, Board Members and
	CAC Member Jennifer Rindahl attended CalCCA's annual conference in early
	Мау.
Consent Items	There were no written or verbal comments as identified above.
	Marsha Baird made a motion to approve the Consent agenda, seconded by
	Rahul Athalye. Motion passed with Rindahl and Linvill abstaining and Cynthia
	Rodriguez absent. The following items were:
	4. approved April 27, 2023 meeting Minutes; and
	5. received copy of Board staff report ratifying VCE's position on
	legislative bills: A) AB 50 (Interconnection) - Support and B) AB 1373
	(Central Procurement. Resource Adequacy) Oppose Unless Amended
	and Neutral.
Item 6: Power	VCE Staff Gordon Samuel provided an update on VCE's power procurement
Procurement /	2022 targets with actuals; and, provided a status update on the Resurgence
Renewable	Solar 1, Willy 9 Chap 2 (formerly Willow springs Solar), and "compliance period
Portfolio Standard	4". The CAC discussed: impacts on load, market rates, and reasons for
update.	development delays.
(Information)	
	There were no written or verbal public comments.
ltem 7: CAC to	Mr. Samuel introduced Jim Himelic of First Principles Advisory (FPA) who
consider a	attended the meeting remotely. Mr. Samuel informed those present that Mr.
recommendation	Himelic analyzed the cost impacts of increasing VCE's renewable portfolio
to the Board on	content; and, updated technology cost assumptions including the
current 80%	incorporation of the Inflation Reduction Act (IRA), to compose portfolio
Renewable by	modeling scenarios. Mr. Samuel reviewed and compared the four (4) portfolio
	modeling scenarios with those present. Staff and the CAC discussed: what

VALLEY CLEAN ENERGY

2030 Policy. (Discussion/Action)	<ul> <li>power resources are considered renewable; how much "local" resources does VCE currently have in their portfolio; differences between the four portfolio modeling scenarios; benefits of local resources; cost factors; procurement strategy; ELCC (effective load carrying capacity) value of different resources; resiliency; and, the definition of "local" resources.</li> <li>There were no written or verbal public comments.</li> <li>Motion made by Lorenzo Kristov for the CAC to make a recommendation to the Board to:</li> <li>1. increase the current 80% renewable policy by 2030 to 100% renewable by 2030 and substitute the 25% renewable local component goal with a goal of 25% of future storage amounts to be from local installations; and</li> <li>2. when VCE solicits for power procurement Request for Proposals (RFP), included is a local preference (Yolo County and adjacent to), in VCE's evaluation criteria.</li> <li>This motion was seconded by Jennifer Rindahl. Motion passed with Rodriguez absent.</li> </ul>
Item 8: CAC to consider recommendation to the Board on allocation of 2022 net margin. (Discussion/Action)	<ul> <li>VCE Staff Edward Burnham provided on overview of the audited 2022 net margin; the current 2022 net margin allocation; and, Staff's recommendation on allocation. Staff and the CAC discussed: cash reserves; target of 180 days in cash reserves; the effects on VCE's programs; and, rates. There were no written or verbal public comments.</li> <li>Motion made by Keith Taylor that the CAC recommend to the Board to approve the following allocation of the \$5.3M 2022 Audited Net Margin as follows: <ol> <li>\$712,500 to the Local Programs Reserve (LPR);</li> <li>\$0 to dividends; and</li> <li>the balance of \$4,611,000 to cash reserves to reach cash reserve targets.</li> </ol> </li> <li>This motion was seconded by Lorenzo Kristov. Motion passed with Rodriguez absent.</li> </ul>
Item 9: CAC to consider recommendation to the Board on	Mr. Burnham informed those present that Staff have been working with the Strategic Plan Task Group to draft guidelines to update the approach and timeline for extending the 2021-2023 Strategic Plan beyond the current end of the planning period (end of 2023) and develop a process for future plans. Mr.



Strategic Plan Guidelines for Plan updates.	Burnham gave a brief background on the Strategic Plan; presented an updated approach and timeline; and, reviewed Staff's recommendation.
(Discussion/Action)	There were no written or verbal public comments.
	Motion made by Athalye for the CAC to make a recommendation to the Board to adopt the Strategic Plan Guidelines, seconded by Springer. Motion passed with Rodriguez absent.
Item 10: Discuss meeting schedule and topics as listed on CAC 2023 Long	Past CAC Member Christine Shewmaker provided written public comment dated June 21, 2023 on this item, which was read for about two (2) minutes into the record. There was no verbal public comment.
Range Calendar. (Discussion)	The CAC reviewed remaining meeting dates, topics scheduled and those listed at the bottom of the calendar as "proposed topics". The CAC discussed: bringing forth new topics and topics listed in future "proposed topics", if it would benefit the CAC; having shorter meetings; and, spreading out topics amongst the monthly meetings rather than cancelling meetings. Staff encouraged members to share their topic ideas with the Chair, Vice Chair and Staff. Staff will continue to work with the Chair and Vice Chair on preparing agenda and will discuss what could be brought forth for a July 27, 2023 meeting.
Item 11: Advisory Committee Member and Staff Announcements.	Mr. Springer reported that the City of Winters is looking for support for the City to opt up to UltraGreen. Chair Aulman reported that the Yolo County Climate Action Committee has been discussing with the City of Woodland opting up and they are also looking for support. Staff shared with the CAC that VCE has shared data with the City of Winters and is in communication with the City of Woodland regarding both cities opting up to UltraGreen.
Adjournment to Next Meeting	The next meeting is currently scheduled for Thursday, July 27, 2023 at 5 p.m. at the City of Davis Community Chambers located at 23 Russell Blvd., Davis, CA 95616. Staff will discuss with CAC Chair and Vice Chair an agenda and determine whether to cancel or hold a July meeting. The meeting was adjourned at 7:28 p.m.

Alisa M. Lembke Board Clerk/Administrative Analyst

## VALLEY CLEAN ENERGY ALLIANCE COMMUNITY ADVISORY COMMITTEE

## Staff Report – Item 5

TO:	Community Advisory Committee
FROM:	Rebecca Boyles, Director of Customer Care & Marketing
SUBJECT:	Receive 7/13/23 Board Meeting Staff Report on Customer Participation update (Information)
DATE:	August 24, 2023

### RECOMMENDATION

Informational – no action requested.

At the Board's <u>July 13, 2023</u> meeting, Staff provided a quarterly Customer Participation update. Please see <u>Item 10</u> for the staff report.

## VALLEY CLEAN ENERGY ALLIANCE COMMUNITY ADVISORY COMMITTEE

#### Staff Report – Item 6

TO:Community Advisory CommitteeFROM:Gordon Samuel, Chief Operating OfficerSUBJECT:Product Content Category – Compliance Period 4 DiscussionDATE:August 24, 2023

#### **Recommendations**

- 1. Receive presentation and provide feedback on Compliance Period 4 (CP4) short term Renewable Energy Credit (RECs) procurement.
- 2. Based on current market conditions, maximize the 10% allowance of Product Content Category (PCC) 3 RECs.

#### **Background**

California requires load serving entities (LSEs), such as VCE, to procure a minimum percentage of their load from eligible renewable resources such as wind, solar, geothermal, small hydro, etc. From a State perspective, LSEs need to procure 60% of the load from renewable energy by 2030 as outlined in SB 100. At VCE's July Board meeting the Board adopted a more aggressive target of achieving 100% renewable by 2030.

LSEs cannot wait until 2030 to show compliance but rather must achieve interim targets referred to as Compliance Periods (CP1, CP2, CP3, etc). As shown in the below in figure 1, 2021-2024 is CP4. It is important to note that LSEs are measured over the time in each CP and not an individual year, therefore the average for CP4 is 40%.

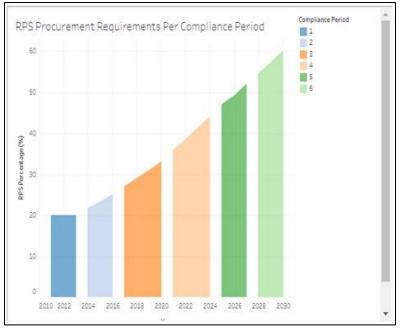


Figure 1 – RPS Procurement Requirements

The measurement of this compliance is in the form of a REC and is "retired" to show compliance. A REC contains the "Green Attributes" of a unit of energy, and represents that the energy was generated with an eligible renewable technology. One REC is equivalent to one MWh (for example, if a geothermal resource produced 50,000 MWhs in a given year, that is equal to 50,000 RECs). Finally, RECs can be purchased on a long term basis (multiple years) or a short term purchase is an option (for example, VCE could buy RECs for year 2023).

California also has different categories of RECs called Product Content Categories (PCC):

- PCC 1: Eligible renewable resources directly connected to California's grid (these can be either in-state or out-of-state. For example, VCE's Fish Lake Geothermal project is located in Nevada but is directly connected to the California grid)
- PCC 2: Out of state eligible renewable resources imported into California's grid
- PCC 3: Eligible renewable resources not brought to California's grid (REC Only)

There are some other nuances between the categories but those are the basic distinctions. Since launch, VCE has only procured PCC1 and PCC2 RECs. During CP3, the Community Advisory Committee (CAC) and the Board had discussions on this topic of type of RECs to procure as at that time VCE had annual goals that were being met with all short term purchases (long term power purchase agreements (PPAs) were not yet part of the portfolio). In addition, the cost of a REC in each category was not as significant as it is today (more on the cost per REC below).

#### **Analysis**

There are several factors that influence the amount of RECs required to achieve the 40% average for CP4. VCE's retail load can fluctuate – 2021 load was 760 GWh, 2022 load was about 740 GWh and currently 2023 load is trending below forecast. Therefore, VCE has to manage this variance with all of the tools available to it in terms of renewable procurement. The second factor to consider is the

timing of VCE's long term PPAs coming on-line. Unfortunately, most projects tend to get delayed versus coming online early. Putah Creek was one year delayed and Resurgence was several months delayed as well. Third, renewable energy projects have variable performance after they come online: several resources are dependent on mother-nature. For example, Indian Valley did not generate for nearly two years due to drought, Aquamarine solar appears that it will have generated more in 2022 than in 2023. The point is, it is difficult today to set one value of RECs that VCE will need to meet compliance. Note: fast-forward a few years when all the contracted PPAs are producing energy and this will not be as difficult of an issue as the amount generated will in all likelihood far exceed the State target and VCE will have the luxury of absorbing these variabilities and can find ways to monetize its ability to absorb said variance.

## VCE's Current CP4 Renewable Portfolio

VCE's has signed seven renewable PPAs consisting of photovoltaic (PV), hybrid (PV + storage) and geothermal of which four of the PPAs will impact CP4.

Long Term PPAs	Actual or Expected COD	Capacity*				
Resurgence Solar I	8/3/2023	90 MW PV, 75 MW BESS (250,000 MWhs)				
Aquamarine Solar         9/22/2021         50 MW PV (130,000 MV)						
Putah Creek Energy Farm	10/15/2022	3 MW PV, 3 MW BESS (7,600 MWhs)				
Willy 9 Chap 2**         12/31/2023         72 MW PV, 36 MW BESS (210,000 MWhs)						
* All BESS are 4-hour duration, except the Gibson Solar project is a 5-hour battery system. Approx annual MWhs shown. ** Formerly Willow Springs Solar 3. Name changed at the request of the CAISO.						

Table 1 – VCE's Executed Long-Term Renewable PPAs That Impact CP4

Staff is anticipating the CP4 shortfall to be in the range of 100-150 GWh depending on the abovementioned factors. Staff will continually assess the open position especially at the end of 2023 when the 2023 load is nearly finalized and the Resurgence project will have operated for several months as well as the in-service date of Willy 9 Chap 2 will be known.

#### Market Volatility of REC Prices

Historically, REC prices stayed relatively stable, but unfortunately that is no longer the case. At the time of VCE's launch the spread between a PCC1 and a PCC3 REC was approximately \$15. Today that spread is \$40.

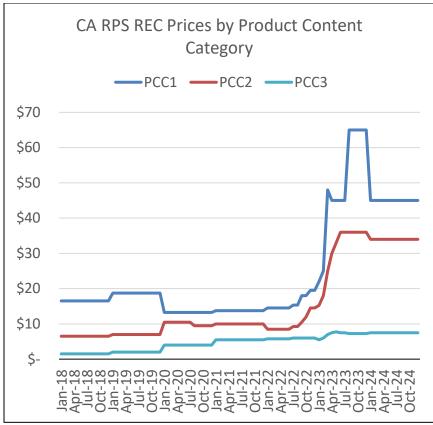


Figure 2 – REC Prices

#### Power Content Label (PCL)

The PCL is a backwards-looking document/graphic that identifies percentage of renewable resources an LSE used the prior year (PCL issued in October '23 for 2022 actuals). Depending on the type of REC chosen it does have some emission related information that would change. Below is an illustrative example showing how the PCC3 is accounted for.

Example A: 100,000 MWh of load, 80,000 MWh of a Solar PPA (PCC1), 10,000 MWh of Short-Term Solar PCC1

	Adjusted Net Procured (MWh)	Percent of Total Retail Sales
Renewable Procurements	90,000	90.0%
Biomass & Biowaste	-	0.0%
Geothermal	-	0.0%
Eligible Hydroelectric	-	0.0%
Solar	90,000	90.0%
Wind	-	0.0%
Coal	-	0.0%
Large Hydroelectric	-	0.0%
Natural gas	-	0.0%
Nuclear	-	0.0%
Other	-	0.0%
Unspecified Power	10,000	10.0%
Total	100,000	100.0%
Total Retail Sales (MWh)		100,000
GHG Emissions Intensity (con	verted to Ibs CO <sub>2</sub> e/MWh)	94
Percentage of Retail Sales Co Unbundled RECs	vered by Retired	0.0%

Example B: 100,000 MWh of load, 80,000 MWh of a Solar PPA (PCC1), 10,000 MWh of Short-Term Solar PCC3

	Adjusted Net Procured (MWh)	Percent of Total Retail Sales
Renewable Procurements	80,000	80.0%
Biomass & Biowaste	-	0.0%
Geothermal	-	0.0%
Eligible Hydroelectric	-	0.0%
Solar	80,000	80.0%
Wind	-	0.0%
Coal	-	0.0%
Large Hydroelectric	-	0.0%
Natural gas	-	0.0%
Nuclear	-	0.0%
Other	-	0.0%
Unspecified Power	20,000	20.0%
Total	100,000	100.0%
Total Retail Sales (MWh)		100,000
GHG Emissions Intensity (con-	verted to lbs CO <sub>2</sub> e/MWh)	189
Percentage of Retail Sales Cov Unbundled RECs	vered by Retired	10.0%

#### **Conclusion**

Since launch in mid-2018, VCE has taken an overall approach to balance emission reduction with cost competitive customer rates. It has also continued to take a long-view in building a portfolio focused on causing renewable projects to actually be built, with regulatory compliance as an attribute and not as the primary driver. It is within this context that staff makes its recommendation to utilize PPC3 RECs as a bridge to its eminent long-term portfolio. If not for delays to on-line dates associated with this long-term portfolio that were outside VCE's control (or the developers in many cases), utilization of this type short-term resource would be greatly diminished. Based on these factors and the market conditions illustrated in Figure 2 above, staff believes it is prudent to utilize PCC1 as well as the maximum permissible amount of PCC3 in order to meet CP4 target. For two reasons staff believes all options should be used to satisfy the CP4 requirement: 1) the costs are material dollars and need to be a factor in the decision, 2) staff recognizes that there are perceived emission intensity differences that are identified on a PCL, but also realizes these are product of the tool that has been created and not a reflection on what truly is occurring in the broader environment.

## VALLEY CLEAN ENERGY ALLIANCE COMMUNITY ADVISORY COMMITTEE

#### Staff Report – Item 7

то:	Community Advisory Committee
FROM:	Edward Burnham, Director of Finance & Internal Operations Mitch Sears, Executive Officer
SUBJECT:	VCE Strategic Plan Minor Update and Extension through 2025
DATE:	August 24, 2023

#### RECOMMENDATION

Recommend that the VCE Board of Directors approve a minor update of the VCE Strategic Plan and extended current end of the planning period to the end of 2025.

#### **OVERVIEW**

The purpose of this report is to present the proposed minor update of the 2021-2023 Strategic Plan to extend the current planning period to the end of 2025.

#### **BACKGROUND & DISCUSSION**

The Board ratified the VCE Three-Year Strategic Plan (Plan) for 2021-2023 at it's November 12, 2020 meeting (<u>VCE-Strategic-Plan-Final.pdf</u> (valleycleanenergy.org). The purpose of the Strategic Plan "Plan" is to focus VCE on achieving better energy outcomes for its customers and communities by guiding the organization's actions. The Strategic Plan is aligned with VCE's mission and vision and guides the organization's efforts over a multi-year time horizon. The Plan is the basis for developing annual organization goals, staff work plans, annual budgets, key decisions, and priorities. The Plan also informs the development of VCE's compliance documents, including the Integrated Resource Plan (IRP) required by the California Public Utilities Commission, a document that sets out a 10-year roadmap for energy procurement that is updated on a 2-year basis.

The initial Strategic Plan covered a fixed period from 2021 to 2023. At the July 13, 2023 meeting, the Board adopted the strategic plan guidelines (<u>Item 12</u>) that set out the process and timeline for Plan updates. The Guidelines included a proposed timeline for extending the 2021-23 plan through 2025 with a minor update as part of that process. The Guidelines also established that Strategic Plan major updates would occur every four years. This cadence is set for future updates to fall on years that do not require updates to VCE's Integrated Resource Plan (IRP). This overall schedule is shown in the Strategic Plan Update Schedule below. Note: In Staff will also review and report annually to the Board and CAC on the status of Plan goals, objectives and metrics.

#### Strategic Plan Update Schedule

Extension of 2021-2023 Plan		Strategic Plan			Strategic Plan					
2023	2023 2024 2025		2026	2027	2028	2029	2030 2031 2032		2033	
Minor		Major		Minor		Major		Minor		Major
Update		Update		Update		Update		Update		Update
	IRP WORK		IRP WORK		IRP WORK		IRP WORK		IRP WORK	

#### 2021-2023 Minor Update for 2024-2025

As outlined in VCE's strategic plan guidelines, the minor update is a relatively high-level review/update to existing goals and objectives performed by Staff to incorporate plan adjustments associated with changing legislative, regulatory, customer, and economic requirements, and to reflect plan milestones achieved.

Staff, in coordination with the CAC Strategic Plan Task Group, have developed the minor updates to the strategic plan included in Attachment 1 – 2021-2023 Strategic Plan Draft Minor Update that includes the following key updates (shown in redline highlights in the attachment):

- General update replacing "VCEA" with "VCE"
- Investment Grade Credit Rating (Objective 1.2) This section has been updated to extend the date from 2024 to 2028 due financial impacts from the COVID-19 pandemic, for example, continued volatility and increase with PCIA and PG&E rates.
- Manage Customer Rates (Objective 1.4) This section has been updated to include the lowering customer costs.
- Long Range Financial Model (Objective 1.5) This section has been added to develop a model focused on VCE's financial health (Reserves) and rate stability.
- Renewables Update (Goal 2 / Objective 2.1) This section has been updated to include Board approval of Item 14 on July 13, 2023 to increase the renewable goal to 100% and to procure local storage resources.
- Customers and Community (Goal 3) This section has been updated to include implementation of items during the extension period.

#### CONCLUSION

Staff believes the recommended 2021-2023 strategic plan minor update represent a balanced approach for extending the 2021-23 plan through 2025. Staff is seeking a recommendation from the CAC on the 2021-2023 strategic plan minor update and extension of the plan through 2025. As outlined in the strategic plan guidelines, Staff will continue to review and update the Plan on an annual basis to ensure that VCE remains on track and course corrects if necessary.

#### ATTACHMENT

- 1. 2021-2023 Strategic Plan Draft Minor Update (Redlined)
- 2. 2021-2023 Strategic Plan draft Minor Update (Clean)



#### Valley Clean Energy Strategic Plan Approved by VCE Board October 8, 2020 January 2021 - December 2023 2024-2025 Extension and Minor Update (Draft)

#### **VCE MISSION**

Deliver cost-competitive clean electricity, product choice, price stability, energy efficiency, and greenhouse gas emission reductions.

#### **VCE VISION**

Valley Clean Energy Alliance (VCEAVCE) is a joint-powers authority working to implement a stateauthorized Community Choice Energy (CCE) program. Participating VCEAVCE governments include the City of Davis, the City of Woodland, the City of Winters, and County of Yolo. The purpose of VCE is to enable the participating jurisdictions to determine the sources, modes of production and costs of the electricity they procure for the residential, commercial, governmental, agricultural and industrial users in their areasthe VCE territory. PG&E would-continues to deliver the electricity procured by VCEAVCE and performs billing, metering, and other electric distribution utility functions and services. Customers within the participating jurisdictions would-have the choice not to participate in the VCEAVCE program.

#### Near-Term<sup>1</sup> Vision

The near-term vision for VCEAVCE is to provide electricity users with greater choice over the sources and prices of the electricity they use, by:

- Offering basic electricity service with higher renewable electricity content, at a rate competitive with PG&E;
- Developing and offering additional low-carbon or local generation options at modest price premiumsdifferentials;
- Establishing an energy planning framework for developing local energy efficiency
  programs and local energy resources and infrastructure; and
- Accomplishing the goals enumerated above while accumulating reserve funds for future <u>VCEAVCE</u> energy programs and mitigation of future energy costs and risks.

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#### Long -Term Vision

The future vision for <u>VCEAVCE</u> is to continuously improve the electricity choices available to <u>VCEAVCE</u> customers, while expanding local energy-related economic opportunities, by:

- Causing the deployment of new renewable and low carbon energy sources;
- Evaluating and adopting best practices of the electricity service industry for planning and operational management;
- Substantially increasing the renewable electricity content of basic electricity service, with the ultimate goal of achieving zero carbon emissions electricity;
- Developing and managing customized programs for energy efficiency, on-site electricity production and storage;
- Accelerating deployment of local energy resources to increase localized investment, employment, innovation and resilience;
- Working to achieve the climate action goals of participating jurisdictions to shape a sustainable energy future;
- Saving money for ratepayers on their energy bills; and
- Remaining open to the participation of additional jurisdictions.
- <sup>1</sup> Launch Phase and First Year

#### **STRATEGIC PLAN**

Thise VCE Strategic Plan\_is\_focusesd VCE on achieving better energy outcomes for its customers and communities by guiding the organization's actions over the next three years. The Plan and minor update maps a route to VCE's goals and allows for course correction as new information and learning occurs. The energy sector in California is in a transformational period and VCE allows local energy priorities and needs to be heard and ultimately acted upon. This plan helps VCE build a strong foundation from which to identify and guide strategic actions\_over the next three years, being mindful of the longer-term aspirations of the Agency. It is anticipated that this\_The\_Plan is designed to be reviewed periodically will be ready for implementation in 2021 and reviewed annually to ensure that the Agency\_VCE remains on track and course corrects if necessary.

#### **METHODOLOGY AND ORGANIZATION**

VCE's <u>initial</u> strategic plan is-was based on the experience of the Agency's first two years in operation as well as current energy market conditions. The original Plan incorporated, a strengths/weaknesses/opportunities/threats (SWOT) analysis which was completed in 2019, and detailed feedback from the Board of Directors, Community Advisory Committee (CAC) members and VCE staff. The Plan <u>update continues to</u> covers six topical categories which are most relevant to VCE's operations. Within each category, the Plan specifies a set of aspirational goals and follows with strategies to achieve or make progress toward those goals over the next three years. During the planning period of 2021-2025. After that, Strategic Plan major updates will occur every four years to set the cadence for future updates to fall on years that do not require updates to VCE's Integrated Resource Plan (IRP) shown in the below Strategic Plan Update Schedule.

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Extensi	on of 2021-20	023 Plan		Strateg	ic Plan			Strateg	gic Plan	
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Minor		Major		Minor		Major		Minor		Major
Update		Update		Update		Update		Update		Update
	IRP WORK		IRP WORK		IRP WORK		IRP WORK		IRP WORK	

#### VCE's STRATEGIC GOALS

#### A) FINANCIAL STRENGTH

A successful CCA program requires disciplined fiscal strategies and financially sound policies. VCE is committed to managing its financial resources responsibly and setting a standard of transparency and accountability, ensuring efficiency and strong stewardship of the agency's financial resources. At VCE, our commitment to fiscal and operational excellence will ensure that all processes and operations are clearly defined and efficiently designed to align people, systems, and policies to maximize productivity and improve efficiency. Adhering to these policies and actively examining and assessing risk will help earn a high credit rating and a healthy position from which to deliver customer and community value.

## Goal 1: Maintain and grow a strong financial foundation and manage costs to achieve long-term organizational health.

- 1.1. Objective: Maintain consistently healthy cash reserves to fund VCE's mission, vision, and goals.
- 1.2. Objective: Achieve an investment grade credit rating by end of 20242028.
- 1.3. Objective: Commit to fiscal efficiencies to build a program foundation from which to deliver customer and community value.
- 1.4 Objective: Manage customer rates to optimize VCE's financial health-goals while maintaining rate competitiveness with PG&E and lower customer costs.
- 1.5 Objective: Develop a long range financial model for financial health and rate stability.

#### **B) PROCUREMENT AND POWER SUPPLY**

Navigating the world of wholesale power markets and state-mandated power mix and reliability requirements while fulfilling our commitment to sourcing low/no-carbon electricity requires a constant search for the right resources to meet sustainability and value proposition goals. The threat of losing load to Direct Access presents new challenges and opportunities to enhance product offerings to meet VCE's decarbonization goals and our customers' own environmental goals while considering financial and risk impacts. VCE is committed to providing carbon free electricity through a balanced approach that considers cost, risk, long-term value and best fit in meeting community goals while exceeding California's RPS mandates.

# Goal 2: Manage power supply resources to consistently exceed California's Renewable Portfolio Standard (RPS) while working toward a resource portfolio that is 100% carbon neutralrenewable by 2030.

- 2.1 Objective: Continue to identify and pursue cost effective local renewable energy and storage resources.
- 2.2 Objective: Acquire sufficient bundled energy and renewable resources to achieve VCE's greenhouse gas reduction targets.
- 2.3 Objective: Deploy storage and other strategies to achieve renewable, carbon neutral, resource adequacy, and resiliency objectives.

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2.4 Objective: Identify and pursue cost effective, local distributed energy (e.g., behind the meter rooftop solar+storage) resources to help meet reliability needs.

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- 2.2 Objective: Study and present options for achieving a 100% carbon neutral resource portfolio as well as 100% carbon free resource portfolio (carbon free hour by hour) by 2030.<sup>2</sup>
- 2.6 Objective: Optimize the hedging strategy to mitigate risk in accordance with the energy risk guidelines and procurement plan.

#### **C) CUSTOMERS AND COMMUNITY**

VCE is a customer and community focused organization. We will use all available channels and platforms to cultivate relationships with and bring customer value to all segments of the communities we serve – including those that have been historically underserved/under resourced. These channels include leveraging existing outlets established by our member agencies, partnering with commercial customers to enhance their community presence, and re-engaging with those who have opted out. Partnerships with commercial and agricultural customers are particularly important to building VCE's brand in a region rooted in food production and innovation. Communicating our competitive rates and product and service benefits in clear and accessible ways will strengthen customer loyalty and enhance our financial standing, enabling us to better serve our communities.

#### Goal 3: Prioritize VCE's community benefits and increase customer satisfaction and retention.

- 3.1 Objective: Develop and implement engagement strategies to increase awareness of, and participation in, local control of VCE's energy supply and programs with a particular focus on engaging disadvantaged and historically marginalized communities.
- 3.2 Objective: Develop and implement programs and initiatives to better support community goals, including supporting member agency achievement of energy-sector emissions reduction targets.
- 3.3 Objective: Design and implement a strategy to more effectively engage local business and agricultural customers.
- 3.4 Objective: Build awareness and trust of the VCE brand through direct engagement with customers, communities and organizations in VCE's service territory.
- 3.5 Objective: Develop and implement customer programs and initiatives that prioritize decarbonization, community resiliency and customer savings.
- 3.6 Objective: Measure and increase customer satisfaction, using tools such as surveys and focus groups, while maintaining an overall participation rate of no less than 90%.
- 3.7 Objective: Integrate and address the concerns and priorities of emerging and historically marginalized communities in the design and implementation of VCE's services and programs.

#### **D) DECARBONIZATION AND GRID INNOVATION**

One of the key factors driving the formation of VCE was to address climate change and improve local resiliency. We will play a vital role in this decades-long endeavor, with the ongoing support of our community and our Board. In addition to providing carbon-free electricity, we are reinvesting in our region and expanding our toolset for furthering emissions reductions and energy resiliency by launching decarbonization and grid innovation programs. These programs represent the next stage in VCE's maturity and are the mechanism by which VCE will further engage our communities to achieve our mission. We will leverage partnerships, prioritize innovation and use data science to manage and influence carbon-free energy use. We will embody the entrepreneurial and innovative spirit of the community in which we live and work, the spirit of Yolo County, to bend the carbon curve downwards and improve the lives of our community members.

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<sup>&</sup>lt;sup>2</sup> Carbon neutral electricity is net zero carbon electricity that may include the use of carbon credits and/or higher production of carbon free electricity that averages out to provide a carbon free portfolio over a period of time whereas carbon free hourby-hour means all electricity consumed by VCE customers will be from carbon free and/or renewable resources.

## Goal 4. Promote and deploy local decarbonization and grid innovation programs to improve grid stability, reliability, community energy resilience, and safety.

- 4.1 Objective: Working with a variety of local, regional and state partners, develop a grid innovation roadmap for VCE's service territory that supports community energy resilience and reliability.
- 4.2 Objective: Develop a VCE decarbonization roadmap to guide near and long-term program decisions and offerings.
- 4.3 Objective: Increase participation in VCE's UltraGreen 100% renewable product.
- 4.4. Objective: Identify external funding sources to support decarbonization and grid-related programs and initiatives.

#### E) STATEWIDE ISSUES: REGULATORY AND LEGISLATIVE AFFAIRS

The regulatory and legislative processes wield critical influence over VCE's ability to serve our customers and fulfill our core goals and mission. Working with CalCCA and other operating CCAs, VCE will actively engage with the regulatory and legislative communities in order to advance a positive narrative on the value of CCA, manage operational risk, protect the interests of our customers, enhance our ability to mitigate greenhouse gas emissions, and help build a regulatory framework that supports innovation and customer choice in an equitable and cost-effective manner while preserving reliability and universal access.

#### Goal 5. Strongly advocate for public policies that support VCE's Vision/Mission.

- 5.1 Objective: Work with CalCCA and other partners to proactively engage State regulators, legislators, and other State authorities in developing policy that furthers VCE's mission and facilitates our contributions to decarbonization, grid reliability, energy resiliency, affordability, local programs and social equity.
- 5.2 Objective: Develop relationships with community stakeholder organizations that foster support for VCE's mission and vision.
- 5.3 Objective: Optimize regulatory compliance activities.

#### F) ORGANIZATION, WORKPLACE, AND TECHNOLOGY

Human capital is a successful organization's greatest asset, and at VCE we've built a highly talented and dedicated team that will ensure the success and prosperity of our organization. Contracting with Sacramento Municipal Utility District (SMUD) to deliver high quality services and personnel support during launch and early operations has allowed VCE to realize these objectives from the outset. Over the period of this strategic plan, VCE will explore transition from a contract dependent organization to one that balances the values and efficiencies of development and retention of high-quality in-house staff supported by high-quality outside services. Building, valuing, and nurturing this team's talent will require a start-up culture that supports creativity, open communication, and the free flow of ideas to spur innovation. We will provide an infrastructure within VCE that supports and cultivates our employees through professional and personal development, recognizes and rewards their contributions to achieving our mission, and offers opportunities that position our people, as well as VCE, for success. In attracting and maintaining skilled employees, VCE will continue to provide a rewarding workplace experience.

VCE will develop a decision support system that will enable it to nimbly assess and react to expansion opportunities as they arise. In addition, VCE will assess opportunities for shared services with other CCAs to optimize function and efficiency of service.

We also take customer information, privacy, and security seriously. Our systems and processes follow best practices and industry standards. Performance metrics are in place to ensure resiliency and high system

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availability on standard and mobile platforms. Periodic upgrades to IT resources will ensure continued adherence to these high standards. This strategic plan provides the approach that VCE is taking to address the challenges of delivering IT services in a dynamic environment with new regulations and continuous advancements in science and technology.

## Goal 6: Analyze and implement optimal long-term organizational, management, and information technology structure at VCE.

- 6.1 Objective: Develop a roadmap to evaluate and guide future steps toward formation of a local Publicly Owned Utility (POU).
- 6.2 Objective: Evaluate and pursue opportunities for shared services with other CCAs for certain functions.
- 6.3 Objective: Develop an evaluation framework to guide future expansion opportunities beyond the existing service territory.
- 6.4 Objective: Identify optimal management, staffing and contracting structure of VCE in the near and long term; factors include balance of internal staff vs. consultant support services, transition of leadership positions to permanent internal employees.
- 6.5 Objective: Promote diversity, equity and inclusion in leadership, hiring, promotion, and contracting policies.
- 6.6 Objective: Support health, wellness and a productive workplace.
- 6.7 Objective: Create an innovation-focused culture that rewards proactive participation, problem solving, new ideas, and creative use of partnerships.
- 6.8 Objective: Deploy a modernized IT infrastructure that enables knowledge management, analytics and collaboration through robust use of data and information resources.

#### TIMING, MEASUREMENT AND UPDATES

VCE's Strategic Plan is a living document that will be revisited and updated regularly. At a minimum, staff will review and update the Plan on an annual basis, including goals, objectives and metrics. In addition, staff will establish an implementation timeline and appropriate reporting format to use in reporting performance against the Plan's goals and objectives to VCE leadership and Board. The reports, commencing in 2021, will show metrics, status and mitigations where appropriate. Consolidated summary reporting on the status of all high-priority enterprise goals and objectives will be reported out as follows:

• Quarterly Report to VCE Management

Staff will report quarterly to the <u>Executive Officer Interim General Manager</u> on the status of goals, objectives and metrics for which they are responsible.

Annual Report to Board and CAC

Staff will report annually to the Board and CAC on the status of goals, objectives and metrics, and will recommend any mitigations or amendments as may be necessary for Board approval.

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## Valley Clean Energy Strategic Plan Approved by VCE Board October 8, 2020 January 2021 - December 2023 2024-2025 Extension and Minor Update (Draft)

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#### **Near-Term<sup>1</sup> Vision**

The near-term vision for VCE is to provide electricity users with greater choice over the sources and prices of the electricity they use, by:

- Offering basic electricity service with higher renewable electricity content, at a rate competitive with PG&E;
- Developing and offering additional low-carbon or local generation options at modest price differentials;
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- Accomplishing the goals enumerated above while accumulating reserve funds for future VCE energy programs and mitigation of future energy costs and risks.

#### Long -Term Vision

The future vision for VCE is to continuously improve the electricity choices available to VCE customers, while expanding local energy-related economic opportunities, by:

- Causing the deployment of new renewable and low carbon energy sources;
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#### **STRATEGIC PLAN**

The VCE Strategic Plan is focused on achieving better energy outcomes for its customers and communities by guiding the organization's actions. The Plan and minor update map a route to VCE's goals and allows for course correction as new information and learning occurs. The energy sector in California is in a transformational period and VCE allows local energy priorities and needs to be heard and ultimately acted upon. This plan helps VCE build a strong foundation from which to identify and guide strategic actions, being mindful of the longer-term aspirations of the Agency. The Plan is designed to be reviewed periodically to ensure that VCE remains on track and course corrects if necessary.

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Update		Update		Update		Update		Update		Update
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#### Strategic Plan Update Schedule

## **VCE's STRATEGIC GOALS**

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VCE will develop a decision support system that will enable it to nimbly assess and react to expansion opportunities as they arise. In addition, VCE will assess opportunities for shared services with other CCAs to optimize function and efficiency of service.

We also take customer information, privacy, and security seriously. Our systems and processes follow best practices and industry standards. Performance metrics are in place to ensure resiliency and high system availability on standard and mobile platforms. Periodic upgrades to IT resources will ensure continued adherence to these high standards. This strategic plan provides the approach that VCE is taking to address the challenges of delivering IT services in a dynamic environment with new regulations and continuous advancements in science and technology.

# Goal 6: Analyze and implement optimal long-term organizational, management, and information technology structure at VCE.

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## TIMING, MEASUREMENT AND UPDATES

VCE's Strategic Plan is a living document that will be revisited and updated regularly. At a minimum, staff will review and update the Plan on an annual basis, including goals, objectives and metrics. In addition, staff will establish an implementation timeline and appropriate reporting format to use in reporting performance against the Plan's goals and objectives to VCE leadership and Board. The reports, commencing in 2021, will show metrics, status and mitigations where appropriate. Consolidated summary reporting on the status of all high-priority enterprise goals and objectives will be reported out as follows:

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Staff will report annually to the Board and CAC on the status of goals, objectives and metrics, and will recommend any mitigations or amendments as may be necessary for Board approval.

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## VALLEY CLEAN ENERGY ALLIANCE COMMUNITY ADVISORY COMMITTEE

Staff Report – Item 8

То:	Community Advisory Committee
From:	Mitch Sears, Executive Officer Rebecca Boyles, Director of Customer Care and Marketing Sierra Huffman, Program and Community Engagement Analyst
Subject:	Phase 2 of the Electric Vehicle Rebate Pilot Program
Date:	August 24, 2023

#### RECOMMENDATION

Review and recommend Board approval of Phase 2 of Valley Clean Energy's Electric Vehicle Rebate Pilot Program.

#### BACKGROUND

In September 2022, VCE launched an Electric Vehicle (EV) Rebate Pilot Program within the context of a national and statewide movement in transportation electrification. The shift in focus from traditional gas vehicles with the recognition of the emissions associated with fossil fuel transportation motivated VCE to explore the most effective ways to increase local EV adoption. VCE designed a program that stacks with existing EV rebates and incentives, providing VCE customers with additional funding opportunities.

Phase 1 provided rebates for new electric vehicles with proof that the customer received a rebate from the California Vehicle Rebate Project (CVRP). The program has been very successful, with 10 low-income rebates disbursed, and 32 standard rebates disbursed. VCE received a lot of positive feedback from participating customers, and at least one previously opted-out customer returned to VCE in order to qualify for the rebate. In May 2023, the Board extended Phase 1 funding by \$20,000 and staff moved over an additional unused \$20,000 allotted to program administration for rebates. This funding was exhausted within two months, demonstrating a growing demand for EV Rebates among VCE customers.

In April 2023, the CAC provided feedback on additional program design elements for Phase 2, and staff has developed a proposal involving an expanded program scope based on that feedback, and feedback from the Programs and Outreach Task Group (POTG). Staff also sent out a survey on EV Program Design to customers, after POTG review.

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#### **PROGRAM DESIGN**

Staff recommends adjustment of the amounts of the EV Rebates in Phase 2, while continuing to provide a generous incentive for low-income customers. Staff believes the lower amounts will still incentivize customers to purchase an electric vehicle, but will allow for a budget to be able to benefit more VCE customers.

According to the US Department of Energy, 80% of EV charging is done at home<sup>1</sup>. Without incentives for charging, the transition to an electric vehicle can seem out of reach for many customers. Staff recommends providing incentives for in-home residential charging installations and panel upgrades in Phase 2. Customers would be able to stack the incentives for charging and panel upgrades because the need for panel upgrades can sometimes stall the charger installation process. Charging availability in multi-family housing is also very important to incentivize, as EVs are sometimes inaccessible for customers who do not own their home or have easy access to charging.

Proposed Incentive	Proposed Amount	Proposed Budget
EV Rebates	\$3,000 (low-income BEV or	\$120,000
	plug-in hybrid); \$2,000 (BEV);	
	\$1,500 (plug-in hybrid)	
In-home residential charging	\$500	\$40,000
In-home panel upgrades	\$500	
Multi-family housing	\$3,000 each, up to	\$75,000
charging	\$21,000/property	
Program Contingency		\$20,000
Total		\$255,000

Proposed incentive amounts are as follows:

Staff recommends continuing to align program eligibility with receipt of the Clean Vehicle Rebate Program because it differentiates between low- and mid-high income, tracks that the vehicles are kept for at least 30 months, includes a luxury vehicle cap, and has funding at this time. This approach worked well for VCE in Phase 1, because it proved to be relatively easy for a smaller program administration staff.

If Board approval is given for implementation of Phase 2, the terms and conditions from Phase 1 will be modified to prioritize the following:

- Further clarify eligibility criteria and timing
- Diverse geographical distribution of multi-family charging incentives
- Efficient administrative process for customers and staff

#### <u>Phase 3</u>

VCE is currently involved in 2 grant proposals for pilots that would provide incentives for Vehicle-to-Grid integration (VGI) for residential, workplace and agricultural charging. VGI allows bidirectional charging: customers can charge their EVs on the grid, as well as provide electricity

<sup>&</sup>lt;sup>1</sup> https://www.nrel.gov/docs/fy21osti/78540.pdf

for their home or place of business in times of electrical outages. Staff acknowledges CAC feedback, and agrees that VGI capability is important. Should these VGI grants not be funded, staff recommends adding incentives for VGI charging capability in Phase 3 of the EV Rebate Program (expected launch Q3/4 2024).

#### FINANCIAL IMPACT

Total proposed Phase 2 program budget is \$255,000. The majority would be allotted to rebates. Should demand for rebates be high, staff has reserved \$20,000 in the budget for as-needed consultant support. That amount would be reallocated to rebates should staff not need the program support. As with Phase 1, 25% of rebate funds would be reserved for income-qualified applicants. If these reserved funds were not exhausted 6 months after program launch, the funds are released for standard applications.

#### CONCLUSION

Staff is asking the CAC for feedback, and to provide a recommendation to the Board for approval Phase 2 of Valley Clean Energy's Electric Vehicle Rebate Pilot Program.

#### Attachment

Phase 2 - EV Rebates Program Design/Implementation Form Draft



#### **Program Preliminary Design/Implementation Form**

#### Program Concept: Phase 2 - Electric Vehicle (EV) Rebates Pilot

Date: 8/24/23

#### Staff Resources and Support:

Assigned Program Managers: Rebecca Boyles, Sierra Huffman Programs and Outreach Task Group members: David Springer, Rahul Athalye, Keith Taylor, Mark Aulman Consultant names: (*potentially; still TBD*) SMUD, Jim Parks

**Scope:** Continue to disburse rebates for Electric Vehicles, add incentives for charging infrastructure and electrical panel upgrades to qualifying customers until program funds are exhausted. Income-qualified customers are eligible for higher rebates.

**Timing:** Announce phase 2 program roll-out after Board approval in Fall 2023. Begin phase 2 of program implementation in September/October 2023 (pending Board approval). Begin providing rebates at the start of implementation, and close rebate application process when funds are exhausted.

#### **Program Design Criteria Evaluation:**

	Criteria 1	Criteria 2	Criteria 3
Criteria Type	<u>Availability of</u> <u>Funds</u>	<u>Staff Time</u>	Strategic Plan Alignment
Reasoning for Program Score	Scored high; we have internal funds set aside for such programs	Scored high; low impact on staff time. Multiple CCAs have implemented similar programs and found it easy to do, requiring minimal staff time; and we would emulate these programs	Scored medium to high on strategic plan alignment: <u>Reduces GHG Emissions</u> Higher penetration of EVs in Yolo County would lead to less emissions from transportation <u>Customer Satisfaction</u> Addresses an issue of importance to customers as stated in a customer survey <u>Addresses Environmental Justice</u> Addresses the needs of the underserved, underprivileged and/or lower-income customers by making EVs more accessible <u>Regulatory &amp; Legislative Goals Alignment</u> Aligns with state goals of increasing penetration of EVs in CA <u>Strategic Partnerships</u> Level of collaboration with local organizations: we could potentially work with California Air Resources Board, EV dealers, Yolo-Solano Air Quality Management District, low- income communities, community-based organizations, and additional stakeholders

Rev. 8.24.23



#### **Program Metrics and Goals:**

<u>Metrics</u>: The total number of EVs purchased utilizing VCE's rebate program; number of EVs purchased and total dollars provided to low-income qualified applicants; number of charging incentives provided.

Goals:

- 40 EVs incentivized, including 10 income-qualified recipients
- 30 residential charging installations, including 10 panel upgrades
- 20 multi-family charging installations

#### Proposed Programs Budget:

Resource	Source	Proposed Budget	\$ Remaining in Program Funds
Rebates	Programs Budget	\$235,000	
Consultants (if applicable)	Programs Budget	\$20,000	
	Total	\$255,000	\$557,085

#### **Budget details:**

\$2,000 rebate for new or leased Battery Electric Vehicles (BEV). Plug-In Hybrid Electric Vehicles (PHEV) would receive \$1,500. \$3,000 rebate for income-qualified customers for new or leased vehicles (qualifying by being on CARE/FERA). Low-income customers will not be subjected to lower incentives for PHEVs versus BEVs. All qualified EVs will be eligible to receive the full incentive amount of \$3,000. (16 rebates if 50% of budget used).

#### Organizational Goals Addressed:

Alignment with VCE's Strategic Plan? Yes

- **Goal 3.** Prioritize VCE's community benefits and increase customer satisfaction and retention and;
  - 3.2 Objective: Develop programs and initiatives to better support community goals, including supporting member agency achievement of energy-sector emissions reduction targets.



• 3.5 **Objective:** Develop customer programs and initiatives that prioritize decarbonization, community resiliency and customer savings.

#### Phase 2 Program Eligibility:

- 1. For residential customers:
  - a. Must be a Yolo County resident and an existing customer of Valley Clean Energy; one vehicle rebate per household. Vehicle rebate may be combined with charging and panel upgrade rebates.
  - b. Must apply and be approved by Valley Clean Energy after being approved for a rebate from the Clean Vehicle Rebate Project
  - c. Low-income eligibility requirements set by and verified through the Clean Vehicle Rebate Project
  - d. Purchase an eligible vehicle:
    - i. New or leased EV
      - 1. Model eligibility set by the Clean Vehicle Rebate Project
      - 2. Includes a luxury vehicle cap, currently set at \$45,000
  - e. Must be a plug-in hybrid or battery-powered EV
- 2. For non-residential customers:
  - a. Must be a Yolo County housing development and an existing customer of Valley Clean Energy; up to seven charger rebates per household (\$21,000 per property). Non-residential charging rebate may not be combined with residential charging and panel upgrade rebates.

#### **Application Process:**

Applications will be processed on a first-come, first-served basis until the budget is exhausted. If a residential applicant has been waitlisted by the Clean Vehicle Rebate Project (CVRP) because funds have become temporarily unavailable, VCE will hold program funds for them until their rebate is approved by the CVRP. As with Phase 1, 25% of rebate funds would be reserved for income-qualified applicants. If these reserved funds were not exhausted (or "on hold") 6 months after program launch, the funds are released for standard applications.

Customer applications will be available on VCE website in both English and Spanish. Delivery by email is preferred but applications will also be accepted by mail, fax, or drop-off.

Valley Clean Energy or a contracted 3<sup>rd</sup> party will provide application support to our interested customers, as well as help them find information on and apply for additional EV rebates. We encourage all applicants, especially low-income, to apply for additional rebate programs.

#### **Dispersal of funds:**

VCE will write a check using the applicant's information.



#### Marketing, Education and Outreach (ME+O) Strategy:

Promote on social media, website, and evaluate cross-promotion with aligned organizations (e.g. RISE, Inc., Mutual Housing, Grid Alternatives, Davis Electric Vehicle Associations). Potential to initiate targeted mail and/or email campaigns, print or radio advertisement campaigns, as well as create marketing materials for use in car dealerships.

#### Board, CAC, POTG Input:

The Programs and Outreach Task Group (POTG) has played a fundamental role in the development of this rebate pilot from its conception in early 2021. The POTG supports the pilot's alignment with the Clean Vehicle Rebate Project.

**Next Steps:** Seek Board approval, formalize budget; develop full list of eligibility criteria and terms & conditions; refine ME+O Strategy; implement program Phase 2.

## VALLEY CLEAN ENERGY ALLIANCE COMMUNITY ADVISORY COMMITTEE

#### Staff Report – Item 9

то:	Community Advisory Committee
FROM:	Alisa Lembke, Board Clerk/Administrative Analyst
SUBJECT:	Discussion of 2023 CAC meeting dates and topics
DATE:	August 24, 2023

Please find attached the updated 2023 Board and Community Advisory Committee (CAC) Long Range Calendar for your review and information.

Please review for discussion with Staff the topics scheduled for the remainder of 2024.

Please note that due to the holiday schedule, the November 23<sup>rd</sup> and December 28<sup>th</sup> meetings have been **rescheduled** to:

- November 16, 2023 (3<sup>rd</sup> Thursday) (Location to be Determined)
- December 21, 2023 (3<sup>rd</sup> Thursday) (Location to be Determined)

At any time, if you have an item that you would like added, please send an email to Assistant General Manager Gordon Samuel, Board Clerk Alisa Lembke, CAC Chair and Vice Chair for consideration.

#### Attachment:

1. 2023 Board and CAC Long Range Calendar

### VALLEY CLEAN ENERGY

2023 Meeting Dates and Proposed Topics

Board and Community Advisory Committee (CAC)

(Note: Meeting locations and Topics are subject to change)

MEETING DATE		TOPICS	ACTION
January 12, 2023 Special Meeting scheduled for January 19, 2023 (3 <sup>rd</sup> Thursday) (REMOTE)	Board	<ul> <li>Oaths of Office for Board Members (Annual - new Members only)</li> <li>Election of Officers for 2023 (Annual)</li> <li>Brown Act / AB 2449 – New Legislation on Teleconferencing Meetings</li> <li>2022 Year End Review: Customer Care and Marketing</li> <li>Support Legislation to extend sunset (BioMAT program)</li> <li>Long-term Power Portfolio Update</li> <li>Quarterly Customer Participation Update</li> </ul>	<ul> <li>Action</li> <li>Nominations</li> <li>Discussion/Action</li> <li>Information</li> <li>Action</li> <li>Information</li> <li>Information</li> <li>Information</li> </ul>
January 26, 2023 (REMOTE)	Advisory Committee	<ul> <li>Legislative Summary/Update (Pacific Policy Group)</li> <li>2023 Customer Rate update</li> <li>Forecasting Customer Ag Energy using hydrological conditions (research results) presentation</li> <li>Task Group Formation</li> <li>Quarterly Customer Participation Update</li> </ul>	<ul> <li>Information</li> <li>Information</li> <li>Information</li> <li>Discussion/Action</li> <li>Information</li> </ul>
<mark>February 9, 2023</mark> (IN PERSON)	Board (Davis)	<ul> <li>Legislative &amp; Regulatory Updates</li> <li>Update on 2023 PCIA and Rates</li> <li>Update on SACOG Grant – Electrify Yolo</li> <li>Strategic Plan Update (Annual)</li> <li>Enterprise Risk Oversight Committee (EROC) proposed modifications</li> </ul>	<ul> <li>Information</li> <li>Information</li> <li>Information</li> <li>Information</li> <li>Discussion/Action</li> </ul>
February 23, 2023 <mark>(Remote)</mark>	Advisory Committee	<ul> <li>Strategic Plan update (Annual)</li> <li>Update on 2023 PCIA and Rates</li> </ul>	<ul><li>Information/Discussion</li><li>Information</li></ul>
<mark>March 9, 2023</mark> (IN PERSON)	Board (Woodland)	Meeting cancelled due to lack of agenda items.	

March 23, 2023 (IN PERSON)	Advisory Committee <mark>(Woodland)</mark>	Meeting cancelled due to lack of agenda items.	
April 13, 2023	Board (Davis)	<ul> <li>Update on SACOG Grant – Electrify Yolo</li> <li>Calendar Year 2023 Audited Financial Statements (James Marta &amp; Co.)</li> <li>Receive Enterprise Risk Management Report (Bi-Annual</li> <li>SMUD: Amendment(s) to update Agreement</li> </ul>	<ul> <li>Information</li> <li>Action</li> <li>Information</li> <li>Discussion/Action</li> </ul>
April 27, 2023	Advisory Committee <mark>(Davis)</mark>	<ul> <li>Customer Participation Update</li> <li>EV Rebates Program</li> </ul>	<ul> <li>Information</li> <li>Information/Discussion/Action</li> </ul>
May 11, 2023	<mark>Board</mark> (Woodland)	Meeting cancelled.	
May 25, 2023	Advisory Committee <mark>(Woodland)</mark>	Meeting cancelled due to schedule conflict.	
June 8, 2023Cancelled5-Year AnniversaryCelebration andSpecialBoardmeeting:June 15, 2023	Board (Davis) Veterans Memorial Center	<ul> <li>Re/Appointment of Members to Community Advisory Committee (Annual)</li> <li>Customer Participation Update</li> <li>EV Rebates Program</li> <li>Mid-Year 2023 Financial Update</li> <li>VCE's 5-Year Anniversary</li> </ul>	<ul> <li>Action</li> <li>Information</li> <li>Discussion/Action</li> <li>Information</li> <li>Information</li> </ul>
June 22, 2023	Advisory Committee <mark>(Davis)</mark>	<ul> <li>Customer Dividend and Programs Allocation</li> <li>Strategic Plan update (Guidelines)</li> <li>Power Procurement / Renewable Portfolio Standard Update</li> <li>80% Renewable by 2030 Policy. (<i>placeholder</i>)</li> </ul>	<ul> <li>Discussion</li> <li>Discussion</li> <li>Information</li> <li>Discussion/Action</li> </ul>
<mark>July 13, 2023</mark>	Board (Woodland)	<ul> <li>Status of SACOG Grant – Electrify Yolo</li> <li>Customer Participation Update</li> <li>Customer Dividend and Programs Allocation</li> <li>Strategic Plan update (Guidelines)</li> <li>Power Portfolio Renewable Content (<i>placeholder</i>)</li> <li>80% Renewable by 2030 Policy. (<i>placeholder</i>)</li> </ul>	<ul> <li>Information/Discussion/Action</li> <li>Information</li> <li>Discussion/Action</li> <li>Discussion/Action</li> <li>Information/Discussion</li> <li>Discussion/Action</li> </ul>

July 27, 2023	Advisory Committee <mark>(Woodland)</mark>	Meeting cancelled.	
August 10, 2023	<mark>Board</mark> (Davis)	Meeting cancelled.	
August 24, 2023	Advisory Committee <mark>(Davis)</mark>	<ul> <li>Customer Participation Update</li> <li>Strategic Plan Draft</li> <li>Programs Update</li> </ul>	<ul> <li>Information</li> <li>Discussion/Action</li> <li>Discussion/Action</li> </ul>
September 14, 2023	Board (Woodland)	<ul> <li>Certification of Standard and UltraGreen Products / 2022 Power Content Label (Annual)</li> <li>Enterprise Risk Management update (Bi-annual)</li> <li>Strategic Plan final draft</li> <li>Renewable Product Content Category options</li> <li>Electric Vehicle Rebate Program – Phase 2</li> </ul>	<ul> <li>Action</li> <li>Information</li> <li>Discussion/Action</li> <li>Discussion/Action</li> <li>Discussion/Action</li> </ul>
September 28, 2023	Advisory Committee <mark>(Woodland)</mark>	<ul> <li>Legislative End of Session update</li> <li>Update on 3-Year Programs Plan, 2024 program Recommendations/budget</li> </ul>	<ul><li>Information</li><li>Discussion/Action</li></ul>
October 12, 2023	Board (Davis)	<ul> <li>Update on SACOG Grant – Electrify Yolo</li> <li>2024 preliminary Operating Budget</li> <li>Customer Participation Update</li> <li>Update on Programs Plan and 2024 program concepts</li> <li>Legislative End of Session update</li> </ul>	<ul> <li>Information</li> <li>Information</li> <li>Information</li> <li>Discussion/Action</li> <li>Information</li> </ul>
October 26, 2023	Advisory Committee <mark>(Davis)</mark>	<ul> <li>Update on Power Content Label</li> <li>Customer Participation Update</li> <li>Review CAC Task Group Year-end Reports</li> <li>Draft 2024 Legislative Platform</li> <li>Review CAC Charge (placeholder)</li> </ul>	<ul> <li>Information</li> <li>Information</li> <li>Discussion</li> <li>Discussion/Action</li> <li>Discussion/Action</li> </ul>
November 9, 2023	<mark>Board</mark> (Woodland)	<ul><li> 2024 Operating Budget Update</li><li> 2024 Legislative Platform</li></ul>	<ul><li>Information/Discussion</li><li>Discussion/Action</li></ul>
November 23, 2023 November 16, 2023 (rescheduled to November 16 <sup>th</sup> due to the Thanksgiving holiday on Nov. 23 <sup>rd</sup> .)	Advisory Committee <mark>(TBD)</mark>	GHG Free Attributes	Information

December 14, 2023	Board (Davis)	<ul> <li>Approve 2024 Operating Budget (Annual) and 2024 Customer Rates</li> <li>GHG Free Attributes</li> <li>Receive CAC Year-end Task Group Reports</li> <li>Election of Officers for 2024 (Annual)</li> <li>2023 Year End Review: Customer Care and Marketing</li> </ul>	<ul> <li>Discussion/Action</li> <li>Action</li> <li>Discussion</li> <li>Nominations</li> <li>Information</li> </ul>
<del>December 28, 2023</del> (rescheduled to December 21, 2023)	Advisory Committee <mark>(TBD)</mark>	<ul> <li>2024 CAC Task Group(s) formation (Annual)</li> <li>Election of Officers for 2024 (Annual)</li> </ul>	<ul><li>Discussion/Action</li><li>Nominations</li></ul>
January 11, 2024	Board (Woodland)	<ul> <li>Oaths of Office for Board Members (Annual - new Members only)</li> <li>Election of Officers for 2024 (Annual)</li> </ul>	<ul><li>Action</li><li>Nominations</li></ul>
January 25, 2024	Advisory Committee <mark>(Woodland)</mark>	<ul> <li>Legislative Summary/Update (Pacific Policy Group)</li> <li>Rates/Budget 2024 update</li> </ul>	<ul><li>Information</li><li>Information</li></ul>

Notes: 1. CalCCA Annual Meeting scheduled for April 16-19, 2024 (San Jose).

CAC PROPOSED FUTURE TOPICS Topics and Discussion dates may change as needed	ESTIMATED MEETING DATE(S)
Strategic Plan (Annual Report) to Board and CAC	February 2024
Self Generation Incentive Program (SGIP)	
Agri-voltaics (for information only) Net Billing Tariff (NBT) [broader subject than Net Energy Metering (NEM) 3.0]	
(Information/Discussion/Action - As needed) Legislative Items (as needed)	