

Meeting of the Community Advisory Committee (CAC) of Valley Clean Energy Alliance Thursday, December 16, 2021 at 5:00 p.m. Via Video/Teleconference

Pursuant to Assembly Bill 361 (AB 361), legislative bodies may meet remotely without listing the location of each remote attendee, posting agendas at each remote location, or allowing the public to access each location, with the adoption of certain findings. At the October 14, 2021 meeting, the Board of Directors found that the local health official recommended measures to promote social distancing and authorized the continuation of remote meetings for the foreseeable future. Any interested member of the public who wishes to listen in should join this meeting via teleconferencing as set forth below.

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 other members. The CAC may decide to make a recommendation to the VCE Board regarding any of the agenda items below. 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.

Members of the public who wish to listen to the CAC Webinar meeting may do so with the teleconferencing call-in number and Webinar meeting ID code.

Join meeting via Zoom WEBINAR:

- a. 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.) <u>https://us02web.zoom.us/j/85692552819</u> Meeting ID: 856 9255 2819
- b. By phone

One tap mobile: +16699009128,,85692552819# +13462487799,, 85692552819# Dial: +1-669-900-9128 +1-346-248-7799 Meeting ID: 856 9255 2819

Public comments may be submitted electronically or 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: Christine Shewmaker (Chair), Cynthia Rodriguez (Vice Chair), Yvonne Hunter, Marsha Baird, Gerry Braun, Mark Aulman, Lorenzo Kristov, David Springer, Jennifer Rindahl



5:00 P.M. CALL TO ORDER

- 1. Welcome
- 2. Approval of Agenda
- **3.** 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 under **PUBLIC PARTICIPATION** at the conclusion of this agenda about how to provide your public comment.
- 4. Brief VCEA Staff and Advisory Task Group Reports (≈ 15 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

CONSENT AGENDA (≈ 5 minutes)

- 5. Approval of November 18, 2021 Meeting Minutes.
- 6. Receive Customer Enrollment update as of December 8, 2021.

REGULAR AGENDA

- 7. Review and provide recommendation on VCE 2022 Legislative Platform. (Action) (~ 20 minutes)
- Receive preliminary results of zero-carbon portfolio study from Carbon Neutral Task Group. (Discussion/Action) (≈ 30 minutes)
- 9. Review and discuss formation of CAC Task Groups for 2022. (Discussion) (≈ 30 minutes)
- **10.** End of Year (Quarterly) Strategic Plan update. (Informational) (~ 15 minutes)
- 11. Receive and update Community Advisory Committee 2021 Long-Range Calendar. (Discussion) (≈ 5 minutes)
- 12. Election of 2022 CAC Chair and Vice-Chair (Effective January 2022). (Action) (~ 15 minutes)



13. 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.

14. Adjournment.

PUBLIC PARTICIPATION INSTRUCTIONS FOR UPCOMING VALLEY CLEAN ENERGY COMMUNITY ADVISORY COMMITTEE MEETING ON THURSDAY, DECEMBER 16, 2021 AT 5:00 P.M.:

PUBLIC PARTICIPATION. Public participation for this meeting will be done electronically via e-mail <u>and</u> 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 \underline{v} . 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.

Verbal public participation during the meeting: If participating during the meeting, there are two (2) ways for the public to provide verbal comments:

- 1) <u>**Computer with a microphone:**</u> activate the "participants" icon at the bottom of your screen, then press the "raise a hand" icon.
- 2) **Phone:** Press *9 to indicate a desire to make a comment. Once 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 by name or phone number when it is your turn to comment. Speakers will be limited to no more than two minutes. Speakers will be asked to state their name for the record.

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: https://valleycleanenergy.org/cac-meetings/.

Accommodations for Persons with disabilities. Individuals who need special assistance or a disabilityrelated 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 5

то:	Community Advisory Committee
FROM:	Alisa Lembke, Board Clerk/Administrative Analyst
SUBJECT:	CAC November 18, 2021 Meeting Minutes
DATE:	December 16, 2021

Recommendation

Receive, review and approve the attached November 18, 2021 meeting minutes.



MINUTES OF THE VALLEY CLEAN ENERGY ALLIANCE COMMUNITY ADVISORY COMMITTEE MEETING THURSDAY, NOVEMBER 18, 2021 VIA TELECONFERENCE

Chair Christine Shewmaker opened the Community Advisory Committee of the Valley Clean Energy Alliance in a meeting on Thursday, November 18, 2021 beginning at 5:01 p.m. via videoconference pursuant to the Brown Act and Assembly Bill 361 (AB 361). At the October 14, 2021 meeting, the Board of Directors found that the local health official recommended measures to promote social distancing and authorized the continuation of remote meetings for the foreseeable future.

Welcome and Roll Call

Committee Members Present: Christine Shewmaker (Chair), Cynthia Rodriguez (Vice Chair), Yvonne Hunter, Marsha Baird, Gerry Braun, Mark Aulman, Lorenzo Kristov, David Springer, Jennifer Rindahl

Committee Members Absent:

Welcome and Approval of Agenda	Lorenzo Kristov made a motion to approve the October 28, 2021 meeting Agenda with Item 12 coming up first on the regular agenda, seconded by Gerry Braun. This motion was discussed briefly. Christine Shewmaker made a substitute motion of the following regular agenda order: Items 9, 10, 12, 8, 11, seconded by Marsha Baird. A vote was taken on the substitute motion. Motion passed by the following vote: AYES: Shewmaker, Rodriquez, Baird, Aulman, Springer, Rindahl NOES: Kristov, Braun, Hunter ABSENT: None ABSTAIN: None			
Public Comment / Introductions	The Consent Agenda below is in the order identified in the passed mo Christine Shewmaker opened the floor for general public comments a items. There were no written or verbal public comments on items not and on Consent Agenda items.	and on consent		
Brief task Group and VCE staff Reports	Task Group ReportsLeg/Reg Task Group:No updates to report.Outreach Task Group:No updates to report.Programs Task Group:Marsha Baird reported that there are new PG coming out in early December and these rebates will be highlighted or			
CAC Minutes	November 18, 2021 via videoconference	Page 1 of 6		



PG&E's rebates (full pump water heaters, water heaters) line up with VCE's energy efficiency work. The EV Rebate program is moving forward and VCE Staff Rebecca Boyles is working on the Ag Pilot program, with the expectation that there will be a final decision in early December. The goal is to launch this pilot program in May 2022.

<u>Rates Task Group</u>: Chair Shewmaker announced that the Task Group will provide their input later on the cost-recover based policy and customer rate structure item on the regular agenda.

<u>Carbon Neutral Task Group</u>: Cynthia Rodriguez informed those present that the group met with Energeia, who are performing a carbon neutral resource portfolio study, and received information on the status of the study. Energeia provided some preliminary information foreshadowing their results.

11/10/21 special Board Meeting Summaries: Interim General Manager Mitch Sears informed those present that the Board at their November 10, 2021 special meeting approved changing VCE's fiscal budget year to a calendar year, adopted rate cost, budget, and received/accepted VCE's annual audit performed by James Marta & Company. Staff introduced Sierra Huffman, VCE's Program & Community Engagement Specialist. VCE Staff Rebecca Boyles providing Huffman's background and a brief summary of those items that she will be performing and working on.

<u>Staff Report:</u> Mr. Sears informed those present that at the CC Power Board meeting they discussed environmental justice policies and long duration storage (8-hour battery storage). It is anticipated that the CAC will consider long duration storage at their December meeting thereafter, to the VCE Board in January 2022.

Consent ItemsChair Shewmaker informed those present that the October 28, 2021 meeting minutes
had a typo and a correction on who reported for the Leg/Reg Task Group. Mark
Aulman made a motion to approve the November 18, 2021 Consent Agenda items
with the October 28, 2021 meeting minutes amended, seconded by Yvonne Hunter.
There were no written or verbal comments as identified above. Motion passed
unanimously. The following items were:

- 5. approved October 28, 2021 meeting Minutes as amended;
- 6. received customer enrollment update as of November 10, 2021; and,
- 7. received update on SACOG Grant Electrify Yolo.

Item 9: Update on
Quarterly PowerVCE Staff Gordon Samuel provided an update on VCE's power content for 2021,
including load summary, target versus current estimations, and status of renewable
energy contracts (Aquamarine, Putah Creek Energy Farm, and Tierra Buena). It was
noted by Staff that the estimated power to be received from the PG&E large hydro
allocation is significantly less than originally expected due to the drought. Also, due to



increased ag pumping and heat storms this summer, additional short term RECs were purchased to meet the RPS requirement.

There were no written or verbal public comments.

Item 10: GHG Free 2022 Attributes (Large Hydro and/or Nuclear) (Informational) Chair Shewmaker introduced this item. Mr. Samuel presented background information and solicited feedback from the CAC regarding VCE accepting 2022 and beyond allocation of GHG-free attributes (large hydro and/or nuclear) from PG&E. Mr. Samuel explained that PG&E has been offering GHG-free attributes on a yearly basis; when attributes are accepted a one year agreement is entered into; and, moving forward, if attributes are offered in 2023 and beyond and there are no significant changes in VCE's position, Staff would provide the offering to the CAC and Board as a consent agenda item.

The CAC discussed the timeline of an agreement with PG&E for these attributes and the possible outcomes of accepting both large hydro and nuclear. A member expressed their opinion that they favor accepting both attributes and has consistently voted to reflect their opinion.

Cynthia Rodriguez left at 5:45 p.m.

Yvonne Hunter made a motion to support Staff's recommendation to recommend to the Board that they accept 2022 allocation of large hydro carbon free attributes; reject 2022 allocation of nuclear power carbon free attributes; and, in the event the future attributes (2023 and beyond) are made available to VCE and there are no major changes in VCE's position, bring back to the CAC and Board on consent for approval. Mark Aulman seconded the motion.

There were no written or verbal public comments.

Motion passed by the following vote: AYES: Shewmaker, Hunter, Baird, Aulman, Kristov, Springer, Rindahl NOES: Braun ABSENT: Rodriguez ABSTAIN: None

Item 12: Consider Cost-based Customer Rates – 2022 Customer Rates. (Discussion/Action)	Mr. Sears provided an overview of the background on rates, financial information has changed since this item was presented to the CAC and adopted by the Board. Mr. Sears reviewed the 2022 reserve target, rarecommendation, rates implementing procedure, and Staff's recommendation.	d motion Ite
CAC Minutes	The CAC discussed the Board's decision about rates effective November VCE's policy to match PG&E generation rates, and how that will affect November 18, 2021 via videoconference	



The members of the Rates Task Group, Mr. Kristov and Mr. Braun, then gave a short report. They suggested that the methodologies and information used in forecasting be looked at and discussed soon. The CAC continued to discuss: PG&E's filing on November 8, 2021 updating PG&E rate increase and power charge indifference adjustment (PCIA) decrease, various budget scenarios, how VCE's resources will affect the budget, current and future forecast modeling, and Staff's recommendation.

Marsha Baird commented that she would make a motion slightly different than Staff's recommendation. Marsha Baird made a motion that the CAC recommend that the Board approve the following:

- Adopt customer rates for 2022 to match PG&E 2022 generation rates for all customer classes except CARE and FERA customers to cover VCE's FY 2022 budget expenditures and to achieve 120-150 days cash reserves by the end of 2022;
- Adopt a 2022 rates implementing procedure including the following:
 - a. Provide a 5% rate discount for CARE and FERA customers in 2022;
 - Direct staff to prepare an analysis of budget including an increase to 2022 renewable portfolio content percentage and return to CAC and Board in Q1/2 2022 with recommendations.
 - c. Direct staff to conduct a review of the VCE Dividend Policy and potential rate discounts including but not limited to:

 i. Providing a 5% rate discount for all customer classes during peak summer months in 2022 (June – September.);

ii. Providing an additional 5% rate discount for CARE and FERA customers during peak summer months (June – September.);

iii. Allocating additional funds for community program implementation; and,

d. Return to CAC and Board in Q1/2 2022 with recommendations.

This motion was seconded by Yvonne Hunter. A couple of members expressed their concern that the motion did not include specifically looking at forecasting. There were no written or verbal public comments.

Motion passed by the following vote: AYES: Shewmaker, Hunter, Baird, Aulman, Springer, Rindahl NOES: Braun, Lorenzo ABSENT: Rodriguez ABSTAIN: None

November 18, 2021 via videoconference



Mr. Sears informed those present that a discussion on forecasting will be brought to the Rates Task Group for further exploration, with the intent of providing an overview of what was discussed back to the CAC at a future meeting. Item 8: Introduction Chair Shewmaker introduced this item. CAC Member Lorenzo Kristov provided an to community introduction to community resiliency, defined sustainability and resiliency, and provided an overview of the layered architecture of community resiliency. After a resiliency. (Information) brief discussion, the CAC expressed their interest in having future conversations on strategies and policies for building resilient communities, including energy resilience. There were no written or verbal public comments. Item 11: Review Mr. Samuel updated those present on the delegations and directives necessary for VCE and SMUD staff to continue procurement activities on behalf of VCE's power Near-term Procurement supply portfolio. Mr. Samuel provided a high-level overview of the products Directives and necessary to meet compliance obligations and maintain a balanced power portfolio **Delegations for 2022** while meeting power supply portfolio targets set by the VCE Board. He also review **Power Procurement** the next steps. Activities. (Informational) There were no written or verbal public comments. Item 13: Receive Chair Shewmaker noted to those present that the December Strategic Plan updated and update CAC has been postponed. 2021 Long-Range Calendar. There is no verbal or written public comment. (Discussion) **Advisory Committee** Lorenzo Kristov asked Staff about how Time of Use (TOU) rates were being received. Member and Ms. Boyles informed those present that some residential customers have Announcements transitioned, but the majority will transition in April 2022. In addition, in speaking with other CCAs, customers appeared to understand the change and a few were confused about TOU and what it meant. VCE Staff will continue to monitor. Yvonne Hunter commented that at the CalCCA Virtual Annual Meeting on December 1st, Senator Alex Padilla will be one of the speakers. He has deep local government roots and having him at the CalCCA event is wonderful. Chair Shewmaker informed those present that the CPUC has initiated the process for ending natural gas in new homes. Mr. Sears encouraged those who will be attending the CalCCA Annual Meeting to visit with other CCAs.



David Springer expressed his excitement of the replacement of furnace and hot water heaters programs that are rolling out on December 1st and to look at comfortablehoimerebates.com website for more information.

Adjournment to Next Meeting

The December meeting has been scheduled for the 3rd Thursday on <u>December 16th at</u>
 <u>5 p.m.</u> due to the Christmas holiday. Thanks to everyone for participating.

Alisa M. Lembke Board Clerk/Administrative Analyst

VALLEY CLEAN ENERGY ALLIANCE COMMUNITY ADVISORY COMMITTEE

Staff Report – Item 6

TO: Community Advisory Committee

FROM: Rebecca Boyles, Director of Marketing & Customer Care

SUBJECT: Customer Enrollment Update (Information)

DATE: December 16, 2021

RECOMMENDATION

Receive the Customer Enrollment update as of December 8, 2021.

Attachment:

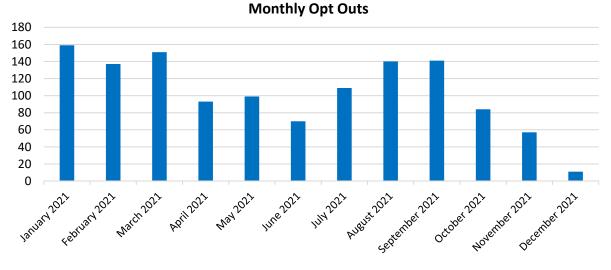
1. December 8, 2021 Customer Enrollment update

	Davis	Woodland	Winters	Yolo Co	Total	Residential	Commercial	Industrial	Ag	NEM	Non-NEM
VCEA customers	28,091	20,680	2,535	10,792	62,098	54,023	6,097	7	1,883	10,649	51,449
Eligible customers	29,377	23,719	2,831	12,354	68,281	59,303	6,709	7	2,158	11,765	56,516
Participation Rate	96%	87%	90%	87%	91%	91%	91%	100%	87%	91%	91%

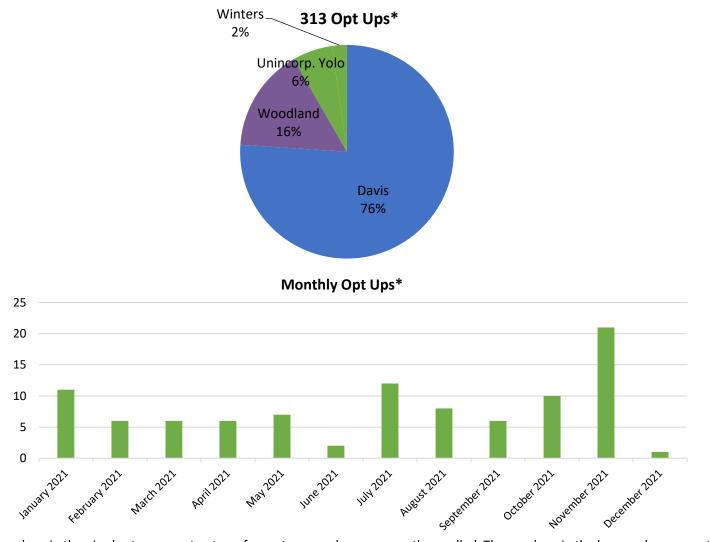
There are currently 27 Winters customers not included in this table. NEM will enroll throughout 2021.

% of Load Opted Out

Residential	Commercial	Industrial	Ag	Total
10%	9%	0%	13%	10%

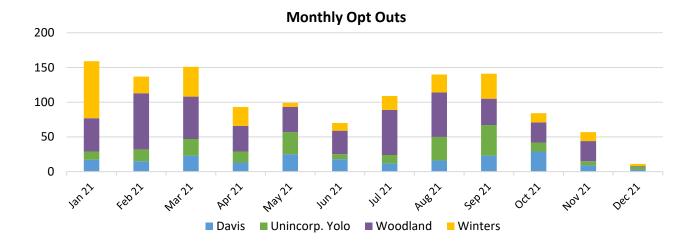


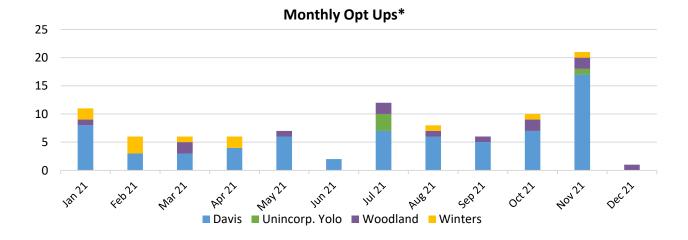




* The numbers in the pie chart represent opt ups for customers who are currently enrolled. The numbers in the bar graph represent opt up actions taken regardless of current enrollment status.

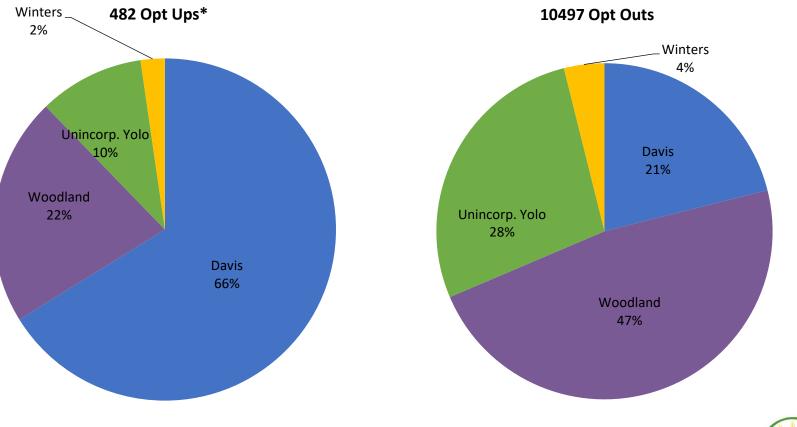








* These numbers represent all opt up actions ever taken regardless of current customer enrollment status.





* These numbers represent all opt up actions ever taken regardless of current customer enrollment status.

VALLEY CLEAN ENERGY ALLIANCE COMMUNITY ADVISORY COMMITTEE

Staff Report - Item 7

то:	Community Advisory Committee
FROM:	Mitch Sears, Interim General Manager Mark Fenstermaker, Pacific Policy Group
SUBJECT:	Legislative Platform - 2022
DATE:	December 16, 2021

Recommendation

Recommend Board approval of the 2022 Legislative Platform outlining a number of legislative issues and positions VCE would take on each.

Background

At the July 8, 2020 Board Meeting, the VCE Board of Directors adopted VCE's first legislative platform. The CAC reviewed and provided feedback on the draft legislative platform at the June 25, 2020 CAC Meeting. Both the staff report presenting the legislative platform to the Board of Directors and the staff report presenting the legislative platform to the CAC noted that the legislative platform would be updated in advance of the next legislative session to reflect ongoing and new legislative priorities.

Accordingly, VCE's lobbyist Mark Fenstermaker of Pacific Policy Group (PPG), the Interim General Manager and the Legislative and Regulatory Task Force members of the CAC (Leg/Reg Task Force) constructed the 2021 legislative platform, which, after several edits and additions, was approved by the CAC. The VCE Board then adopted the Legislative Platform in December 2020.

Throughout the 2021 legislative session, PPG, Staff, and the Leg/Reg Task Force vetted a number of bills and utilized the Legislative Platform as part of their decision-making process in terms of what position VCE should register, if any.

Following the 2021 legislative session, PPG, Staff and the Leg/Reg Task Force evaluated the legislative platform to determine if edits were needed to the platform in advance of the 2022 legislative session. The group review legislation proposed during the 2021 legislative session, with particular focus on 2-year bills that are technically still alive, and discussed relevant and current issues relative to VCE.

The purpose of the proposed legislative platform is to formalize and organize VCE's approach to legislative activity. The legislative platform is meant to be an inward facing document to

provide guidance to PPG for the 2021 legislative session and beyond. PPG will use the platform to help structure VCE's efforts and communications with legislators to work toward desired outcomes. The proposed platform is based on previous direction from the Board and CAC and primarily reflects existing areas of interest identified either formally or informally by the Board and CAC.

Analysis

Following review and discussion, the group of PPG, Staff, and the Leg/Reg Task Force concluded that the legislative platform used during the 2021 legislative session remains applicable for the 2022. As the 2022 legislative session is the 2nd year of the 2-year session, there are 2-year bills still in play that could satisfy provisions of the platform. In addition, many provisions of the platform touch on issues that will be important to VCE for years to come, such as CCA governance and statutory authority or renewable energy generation sources even with successful 2021 bills that address this issue such as AB 843 (Aguiar-Curry). Finally, the ongoing nature of the COVID-19 pandemic warrant a provision to respond to this crisis remain on the platform in 2022 (but hopefully not in 2023).

Conclusion

Staff is recommending that the CAC recommend Board approval of the attached legislative platform to help guide VCE legislative activities.

Attachment

1. Draft 2022 Legislative Platform



2022 Valley Clean Energy Legislative Platform

Adopted _____

Introduction

Valley Clean Energy is a joint-powers authority organized pursuant to California law that includes the cities of Davis, Woodland, and the unincorporated areas of County of Yolo (and the city of Winters as of January 2021). 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 customers in the VCE service territory. PG&E, the incumbent Investor Owned Utility, continues to deliver the electricity procured by VCE and performs billing, metering, and other electric distribution utility functions and services. Customers within the participating jurisdictions may opt-out of VCE and remain a PG&E customer. VCE is governed by a Board of Directors consisting of council members and supervisors from its member jurisdictions.

The mission of VCE is to provide cost-competitive clean electricity, product choice, price stability, energy efficiency, and greenhouse gas emission reductions to residents and businesses in its member agencies. In addition, VCE provides a greater level of transparency and accountability in regard to energy sources and prices as VCE's board consists of local elected officials.

This Legislative Platform serves as a guide for legislative engagement in the 2021 legislative session that is based on positions that VCE has taken on past legislation, as well as the principles set forth in VCE's Vision Statement, Strategic Plan, and Environmental Justice Statement. It will be updated annually to reflect new issues that VCE will address each legislative session. To review VCE's vision statement, please see https://valleycleanenergy.org/wp-content/uploads/VCEA-Vision-Statement-11-16-17.pdf.

Issue Areas

1. Governance and Statutory Authority

- a. Oppose legislation that limits the local decision-making authority for CCAs, including rate-setting authority and procurement of energy and capacity to serve their customers.
- b. Oppose legislation that limits VCE's ability to effectively serve its customers.
- c. Support efforts of CCAs to engage with their customers and promote transparency in their operations. Similarly, VCE will oppose legislation that restrict or limit these abilities.
- d. Support legislation that makes it easier for other cities and counties to form a CCA, become members of VCE or other CCAs, and oppose legislation that restricts that ability.



2. Restructuring the Electricity Utility Sector

VCE will:

- a. Work with other local governments interested in forming municipal electric utilities, as well as the California Municipal Utilities Association, to expand opportunities for municipalization. This includes supporting legislation that expands opportunities for CCAs to become municipal electric utilities.
- b. Support legislation and advocate for reforms to the utility regulatory and business model to transform Investor Owned Utilities (IOUs) so that they must deliver greater benefits to ratepayers, increase safety and reliability, and reduce costs.
- c. Advocate for greater collaboration to occur between CCAs and incumbent IOUs, particularly in local planning efforts related to energy, EV charging, community resource centers, etc.
- d. Support efforts that result in IOUs providing meter data in real time to enable CCAs to better forecast and schedule load.
- e. Support effective legislation that would transform PG&E to a public power or customer owned entity.

3. Resource Adequacy

VCE will:

- a. Support the efforts of CalCCA to create a central procurement entity for residual Resource Adequacy needs.
- b. Oppose legislation that would supplant CCAs procurement authority for Resource Adequacy.
- c. Advocate for and support efforts to remove barriers to demand response, microgrids and behind the meter resources to provide Resource Adequacy.

4. Power Cost Indifference Adjustment (PCIA)

- a. Support CalCCA efforts to increase the transparency of IOU electricity contracts that provide the basis for Power Cost Indifference Adjustment (PCIA) charges that VCE (and its customers) and other CCAs must pay.
- b. Support efforts that create a pathway to wind down the PCIA.
- c. Support legislation that would bring stability to the PCIA and/or provide new mechanisms for CCAs to securitize PCIA charges.
- d. Oppose legislation that would increase or expand exit fees, including PCIA, on CCA customers.



5. Public Safety Power Shut-Offs (PSPS)

VCE will:

- a. Support legislation that increases the notification and transparency requirements on IOUs as they implement a PSPS.
- b. Support legislation that creates standards for PSPS implementation and penalties on IOUs that execute PSPS below those standards.
- c. Support legislation that creates rules and procedures to ensure PSPSs are implemented narrowly and only as absolutely necessary.
- d. Support legislation that requires IOUs to notify impacted cities, counties and CCAs of impending PSPS.

6. COVID-19 Response

a. Support legislation or budget appropriations to alleviate residential and commercial financial hardship caused by the COVID-19 pandemic that could disrupt electricity service to VCE customers or restrict VCE customers accessing clean energy opportunities. This could include, for example, to avoid electric service disconnection or economic recovery funding for transportation electrification.

7. Community Resilience

VCE will:

- a. Advocate for and Support funding for programs implemented by CCAs and their member jurisdictions to increase community resilience to wildfires, PSPS events and other potential service disruptions.
- b. Support legislation that reduces barriers to microgrid development by CCAs.
- c. Oppose legislation that would enable IOUs to be the only developer of microgrids.
- d. Support legislation that increases development of community level resources and distributed energy resources that reduces the need for new transmission and distribution infrastructure.

8. Renewable Energy Generation Sources

- a. Support legislation that expands opportunities for or reduces barriers to the development of renewable energy sources, including, but not limited to, wind, solar, bioenergy, battery storage, small hydro, and geothermal, as long as local development and siting criteria are consistent with city and county land use authority and other local and state regulatory requirements.
- b. Oppose legislation that requires CCAs to purchase specific renewable energy products, thus limiting the ability of CCAs to meet local energy needs in a cost-effective manner and in conflict with their local procurement and rate setting authority.



9. Environmental Justice

- a. Engage in legislation that directly or indirectly impacts the ability of underserved communities in the VCE service territory to have affordable, reliable and clean energy.
- b. Support legislation that strengthens the resilience of vulnerable communities to the impacts of climate change.
- c. Support legislation that enables all communities, including emerging and historically marginalized communities, and individuals, regardless of race, color, national origin, religion, sexual orientation, sex, gender identity, age, disability or socioeconomic status, in California to participate in the transition to a zero carbon electrical grid in a cost-effective manner.
- d. Support efforts to enable all communities, including emerging and historically marginalized communities, and individuals, regardless of race, color, national origin, religion, sexual orientation, sex, gender identity, age, disability or socioeconomic status, in California to participate in the decarbonization of the state's building stock and the transportation sector.

10. Local Economic Development and Environmental Objectives

VCE will:

- a. Support legislation that enhances opportunities for CCAs to promote local economic development through locally designed programs that meet the unique needs of its member agencies and customers.
- b. Support efforts to enhance development of local and regional sources of renewable energy.
- c. Support legislation that enables CCAs to collaborate with their member jurisdictions on local energy resources and projects to advance environmental objectives.

11. Miscellaneous

- Oppose legislation that expands direct access or the ability or economic incentives for electric service providers to selectively recruit CCA or IOU customers.
- Support legislation that would create renewable content and environmental standards for electric service providers to match the products offered by CCAs.

VALLEY CLEAN ENERGY ALLIANCE COMMUNITY ADVISORY COMMITTEE

Staff Report – Item 8

то:	Community Advisory Committee
FROM:	Gordon Samuel, Assistant General Manager & Director of Power Services
SUBJECT:	Preliminary results of the VCE zero-carbon portfolio study
DATE:	December 16, 2021

Overview

The purpose of this report is to transmit the preliminary results of the VCE zero-carbon portfolio study and initiate discussion by the full CAC. Staff is seeking feedback from the CAC as the final study/report is being prepared for presentation to the Board at their January meeting.

Background

In October 2020, the Board approved VCE's 2021-2023 Strategic Plan which contains goals related to VCE's power resource portfolio as well as decarbonization. The Community Advisory Committee (CAC) formed task groups at the January 2021 meeting and approved the task group "charge" at the February meeting. The initial task group – carbon neutral and decarbonization task group – has been meeting bi-weekly since March. It became apparent very early in the meetings that addressing the carbon neutral topic (specifically Goal 2, Objective 2.5) was going to be more than enough to focus on for 2021 and decided to postpone the decarbonization work (Goal 4) until 2022. The "charge" stated that the task group assist staff and consultants in evaluating feasibility and creating a road map for both carbon-neutral and carbon-free-hour-by-hour power by 2030. In order to complete this work an outside consultant was selected from an April 30, 2021 request for proposals (RFP) seeking qualified consultants to explore the feasibility, cost and benefit of pursuing a 100% carbon free portfolio. The consultant, Energeia, was selected to perform the study. The contract with the consultant was approved by the Board on July 8, 2021. Interim updates were provided to the CAC (late August 2021) and to the Board (September 2021).

VCE Current Renewable Portfolio Trajectory

For reference, staff is including VCE's current renewable portfolio and trajectory out to 2030.

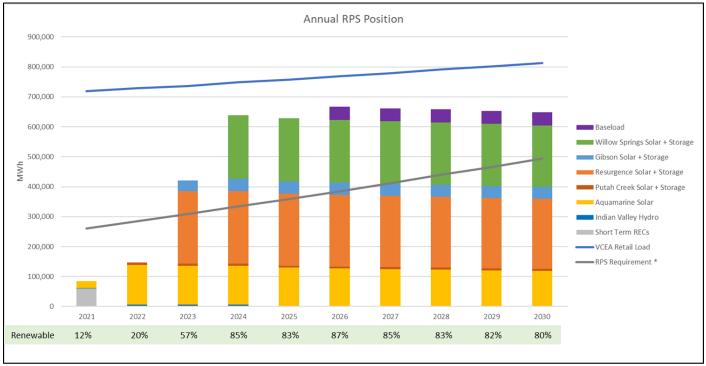
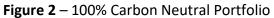


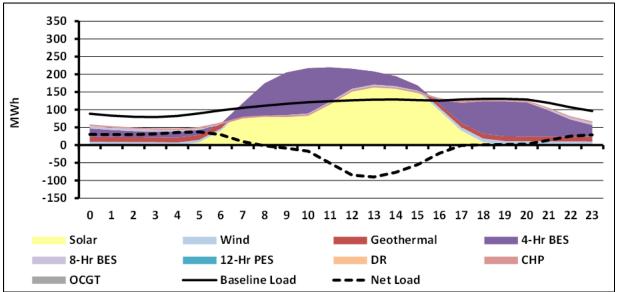
Figure 1 - VCE Current Renewable Portfolio Trajectory

<u>Analysis</u>

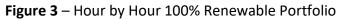
The purpose of this effort is to understand what the future resource portfolio would consist of in order to be 100% carbon neutral as well as the be 100% renewable 24x7 (that is, every hour of every day meet VCE's demand with renewable resources). The figures below provide a potential outcome from the draft study to achieve either of these goals.

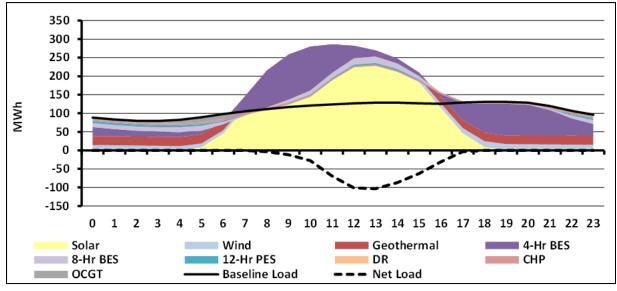
The below graphic is a 100% carbon neutral portfolio meeting VCE's annual demand. That is, over the course of a year the resources generate at least an annual amount that meets or exceeds VCE's annual demand. In this scenario the timing of the resource's generation does not have to match the load.





The below graphic is an hour by hour 100% renewable portfolio for VCE. This portfolio meets or exceeds VCE's load every hour of the year. At a minimum the resource's generation needs to match or exceed the load.





VCE has a stated goal of being 80% renewable by 2030. Either of the portfolios studied goes beyond VCE's current commitment. Resources exist that can satisfy either situation, but there is a significant cost difference between the portfolios. The below table outlines the incremental resources needed – resources above what VCE has contracted for or will be contracting for in the near future to satisfy regulatory mandates (R.20-05-003). The carbon neutral portfolio is approximately 1/3rd the cost of the

hour-by-hour portfolio (\$17M/yr vs \$47m/yr). This would be in addition to the approximate \$50-\$60M/yr VCE spends on the current power portfolio.

Scenarios	Solar	Wind	Goothormal		U		8-Hour BES	12-Hour PES	OCGT
НВН	0.0	39.3	11.3	0.0	0.0	42.3	65.4	10.7	112.3
CN	0.0	26.1	0.0	0.0	0.0	100.0	7.7	0.0	0.0

Table 1 – MW Needed for Hour-by-Hour and Carbon Neutral Portfolios

Above table represents the incremental MWs needed to satisfy the hour by hour (HBH) or the carbon neutral (CN) portfolios.

<u>Next Steps</u>

Energeia will complete the sensitivity analysis (such as drought impacts, electric vehicle penetration, building electrification, etc) as well as a final report. The complete results will be presented to the Board at the January meeting.

Discussion

At this time, staff is not recommending any policy adjustments. This information, combined with the final report, will act as a foundation that will be used for future discussions with the CAC to formulate a new policy that can be presented to the Board in the first half of 2022.

<u>Attachment</u>

1. Carbon Free Portfolio RFP

RFP NO. 2021CFPS

Valley Clean Energy Alliance 604 2nd Street, Davis, California 95616 Phone: (530) 446-2750



REQUEST FOR PROPOSALS FOR 100% CARBON FREE PORTFOLIO STUDY

PROPOSALS ARE DUE: Friday, May 21, 2021 BY 4:00 P.M. (Pacific Daylight Time) Proposals must be e-mailed in PDF form to Gordon.Samuel@ValleyCleanEnergy.org

Valley Clean Energy Alliance is a Joint Powers Authority consisting of the Cities of Davis, Woodland, and Winters and the County of Yolo.

Scope of Services

100% CARBON FREE PORTFOLIO STUDY

I. INTRODUCTION

Valley Clean Energy is seeking a qualified consultant (Contractor) to explore the feasibility, cost and benefit of pursuing a 100% carbon free portfolio. This 100% carbon free portfolio will be developed as an option to be considered as part of VCE's Strategic Plan and in VCE's upcoming Integrated Resource Plan (IRP). It is intended that all elements of the generation portfolio will be renewable and/or carbon free as defined below.

II. BACKGROUND

2.1 Valley Clean Energy Alliance or Valley Clean Energy (VCE), is a joint powers authority providing a state-authorized Community Choice Energy (CCE) program. Participating VCE governments include the City of Davis, the City of Woodland, the City of Winters and the unincorporated areas of Yolo County. PG&E continues to deliver the electricity procured by VCE and to perform billing, metering, and other electric distribution utility functions and services. Customers within the participating jurisdictions have the choice not to participate in the VCE program.

2.2 Since VCE started serving load in June 2018, VCE has added resources under long term contracts and is gradually building up a portfolio of short and long term assets in line with its vision and the demand of its customers. To date, VCE has relied mainly on market purchases of energy, Resource Adequacy (RA), and Renewable Energy Credits (RECs) in order to serve its electric demand and meet regulatory requirements with respect to resource adequacy and renewable energy. Starting in 2021 VCE will increasingly meet electric demand with resources under long term contracts. VCE has contracted for 50 MW of new solar resource (PV – photovoltaic) located in Kings County, CA and a 3 MW PV + 3 MW storage (BESS – battery energy storage system) project in Yolo County, CA to come online before the end of 2021. In 2022, two additional solar + storage power purchase agreements (PPAs) have been executed (90 MW PV + 75 MW BESS in San Bernardino County, CA and 20 MW PV + 6.5 MW BESS in Yolo County, CA). Finally, two other long-term RA capacity contracts have been executed - 7 MW of demand response beginning in the Summer 2021 and another 2.5 MW of stand-alone battery storage by Summer 2022.

III. DETAILED SCOPE OF WORK

The scope of work for this project includes the following:

- Develop a 100% renewable portfolio study report
 - o Net zero and 24x7 by 2030
- Develop a 100% carbon free portfolio study report
 - o Net zero and 24x7 by 2030
- Use production cost model to simulate generation of existing and future resources

o Develop lowest cost resource mix at different renewable/carbon free penetrations levels

- Perform risk analysis of the scenarios/contingencies
 - o Contractor invited to present scenarios/contingencies to consider
- Provide industry trends for renewable resources, large hydro, storage, etc.

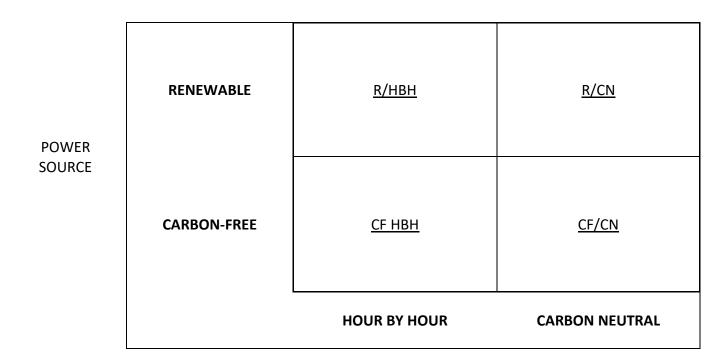
3.1 Renewable Electricity – includes "biomass, solar thermal, photovoltaic, wind, geothermal, fuel cells using renewable fuels, small hydroelectric generation of 30 megawatts or less, digester gas, municipal solid waste conversion, landfill gas, ocean wave, ocean thermal, or tidal current", [(Public Resources Code § 25741), Renewables Portfolio Standard (RPS). (Public Utilities Code § 399.11 et seq.)] Renewable electricity is assumed to be free of GHG emissions.

3.2 Carbon Free Electricity – Any electricity that meets the definition of renewable electricity above plus other sources considered zero emission. These zero emission sources now in California include existing large hydro (greater than 30 MW) and existing nuclear. New technologies not now included in the zero-emission category can be added in the future. Carbon Free power uses no fossil fuel generation. See https://focus.senate.ca.gov/sb100/faqs for FAQs on existing large hydro and existing nuclear and their inclusion in SB 100. The percent of the power that must meet RPS is governed by SB 100 (De Leon, 2018) and shall be equal to or greater than 60% for 2030 and beyond. By 2045 all electricity in California is to be Carbon Free.

3.3 Hour by Hour // 24/7 – The Carbon Content of the Electricity provided is analyzed on an hour by hour basis. And for our purposes is either Renewable or Carbon Free Electricity each and every hour of the day.

3.4 Carbon Neutrality – The net carbon content of the electricity is analyzed over a period of time (usually a year) and the net carbon content is zero. During this period both sources that emit carbon and those that do not can be used, but the net carbon emissions are zero. Net zero can be achieved if zero carbon electricity is overproduced at certain times and that excess zero carbon electricity is demonstrated through available data to displace carbon emitting electricity on the grid at that time. If enough zero carbon electricity is overproduced, the net carbon emissions can be zero.

- This area purposely left blank -



ANAYLYSIS TIME FRAME

"R/HBH/CF/CN": Renewable /Hour by hour/Carbon free/Carbon neutral

IV. PROFESSIONAL SERVICES

The following tasks and are incorporated into the Scope of Work.

4.1 Project Tasks

Contractor shall prepare and provide the following:

4.2 Portfolio Study Reports

The Portfolio Study Report (Report) shall describe at a high level the method used to perform the work. The fundamental algorithmic assumptions and approach must however be logical, consistent and explained in narrative form. The inputs used by the Contractor should align with the inputs provided by VCE. Reports and supporting documents shall be provided in .pdf, WORD, Excel or other commonly used formats.

Potential resources that could be included in the portfolios

- Solar (Front of meter, FOM/Behind the meter, BTM)
- Wind
- Hydro
- Pump Storage

- Geothermal
- Biomass
- Battery Storage (FOM/BTM)
- Nuclear
- Energy Efficiency
- Demand Response
- Demand Management

4.3 Scenario Scope

The Contractor must use a production cost model to simulate the generation of existing and future resources. The results for each scenario must be summarized in the Report to at least include the following: costs, generation of each resource (GWh), market purchases (GWh), demand response deployment, behind the meter deployments, nameplate capacity of new resources, battery configurations (capacity and duration), imports, amount of local generation and CO2 equivalent tons.

The Contractor shall propose and discuss with VCE any viable scenarios based on Contractor's experience and expertise. These proposed scenario submittals will be reviewed by VCE. Each scenario shall include all costs on an annual basis for PPA energy costs, transmission or other delivery costs, fuel costs and any fixed and variable O&M. Contractor shall complete a quantitative evaluation for each scenario. Each scenario, unless otherwise noted, shall be modeled on an hourly basis. The Loss of Load Expectation (LOLE) for each scenario should not exceed one (1) day in ten (10) years.

4.4 Model VCE reference case. Align with the assumptions made for the reference case and identify any differences.

Contractor will solve for the mix of renewable or carbon free resources that results in the lowest cost plan. All loads will be served by assets procured by VCE. VCE will not rely on spot energy purchased from outside resources.

4.5 Risk Analysis

Attempting to achieve a 100% carbon free portfolio entails risks and unknowns, some of which VCE is able to anticipate, and others that may not be obvious. This section lists some of the potential risks that VCE has so far identified. The Contractor shall explain the risk and mitigation for each concern listed below.

It is also anticipated that the list below is likely incomplete, and for that reason the Contractor is expected to address and explain in the Report any additional risks and mitigations that it may be aware of or discover during the course of the study.

4.5.1 Particular attention shall be paid to the capacity and duration of output of any energy storage facilities proposed. There is some concern for instance, that solar

sources of supply may not be available or adequate for extended times, during some winter peak conditions. The storage must be capable of covering the deficit.

4.5.2 If large amounts of storage are necessary through the variability of renewable sources, how will it be ensured that storage can be kept sufficiently charged using only the renewables? Would access to a greater amount of renewables, either from the grid or locally connected, be required to charge the storage and maintain a 100% renewable posture? What would be the estimated cost?

For instance, if renewable resources are installed or purchased only in quantities sufficient to serve VCE's peak load, when and how often would it be assumed those resources could be successfully diverted to keep the storage charged to acceptable levels? Would it be necessary to purchase more renewables strictly to serve storage?

4.5.3 There could be a risk in purchasing access to renewables or carbon free in quantities sufficient to ensure the ability to reliably serve load for the full 8760 hours of the year. The risk is having significant excess energy at certain times of the year or day. What would be the best strategy for dealing with this issue? Exporting to the grid? Curtailing the renewable/carbon free energy?

The Contractor shall identify in each scenario evaluated the magnitude in MWs and the risk in annual hours of having significant excess energy.

4.5.4 How will demand response programs be deployed? What is the magnitude, duration (per day/per year), and time of day that these programs are expected to be implemented?

4.6 Discussion of possible future industry trends in renewable resources, carbon free resources and storage

Contractor shall also gather input on trends and emerging technologies that could reach maturity by 2030, and which could help in achieving the 100% renewable or carbon free goal.

The Contractor shall provide in the Report a separate discussion of what is considered to be emerging and future trends in renewable energy, carbon free energy, storage and other potential technologies that could aid in achieving a goal of 100% carbon free portfolio. The discussion should include future factors such as, but not limited to, pricing, capacity factor, efficiency, new inverter technology, operating capabilities, and whatever else the Contractor may consider to be relevant.

The Contractor shall provide in support of this discussion of future trends a survey or summary of pertinent industry sources, referenced as appropriate.

V. PROPOSER MINIMUM QUALIFICATIONS

The proposals submitted in response to this Request for Proposals shall be evaluated for award based on the following criteria and weighting.

Item	Criteria Description	Weighting
	 Experience and Qualifications 1. Experience of firm 2. Resumes of staff designated to support this scope 3. CCA/Public Power/Energy experience 	45%
	Compliance with VCE Sample Contract	10%
	Price	45%
	Total	100%

5.1 Proposal Submittal Requirements

- Ten pages maximum submitted electronically. Executive Summary with brief description
 of company including Firm or individual name and contact information, including e-mail
 and website addresses, year organized, principals with the firm, types of work
 performed, number of employees.
- 2. Resumes of key staff that would work on VCE projects.
- 3. Information on any previous experience or services provided, including CCA experience.
- 4. Other factors or special considerations you feel would influence the selection of your proposal.
- 5. List of references and contact information.

5.2 Miscellaneous

1. Additional Information

Scope of Services may be revised upon mutual agreement between the Contractor and VCE.

2. Ownership of Work Products

All notes, documents, and final products in all native formats (e.g., Word, Excel, PowerPoint, databases, handwritten notes) produced in the performance of this agreement shall be the property of VCE and shall not be shared with other entities without permission from VCE staff.

3. Request for Proposal Schedule

VCE anticipates that the process for selection of Carbon Free Portfolio Study and awarding the contract will be according to the following tentative schedule.

5.3 Schedule

Milestone Description	Date
Issue RFP	4/30/2021
Return NDA	5/12/2021
Responses due	5/21/2021
Consultant selection	6/17/2021
Study work	Q3 2021
Final report complete	Q4 2021

5.4 Instructions to Proposers

1. Time and Manner of Submission <u>The Proposal shall be submitted electronically to and received by VCE's office no later</u> <u>than 4:00 p.m. (PDT) on Friday, May 21, 2021</u>.

Submit to:

Gordon Samuel, Assistant General Manager Email: gordon.samuel@ValleyCleanEnergy.org

- Each proposal shall include the full business legal name, DBA, and address and shall be signed by an authorized official of the company. The name of each person signing the proposal shall be typed or printed below the signature.
- All proposals submitted become the property of VCE.

2. Explanations to Proposers

All requests, questions or other communications regarding this RFP shall be made in writing to VCE via email. Address all communications to Gordon Samuel (gordon.samuel@valleycleanenergy.org). To ensure that written requests are received and answered in a timely manner, email correspondence is required.

VCE will not be bound by any oral interpretation of the Request for Proposal, which may be made by any of its representatives or employees, unless such interpretations are subsequently issued in the form of an addendum to this Request for Proposal.

3. Withdrawal or Modification of Proposals

Proposals may be modified or withdrawn only by an electronic request received by VCE prior to the Request for Proposal due date.

4. Revisions and Supplements

Addenda: If it becomes necessary to revise or supplement any part of this Request for Proposal an addendum will be provided.

5. Proposal Evaluation and Selection Process

The proposals submitted shall be evaluated for award based on the criteria described in the "Proposal Evaluation Criteria" section of this Request for Proposal.

VCE may request additional information from any or all Proposers after the initial evaluation of the proposals to clarify terms and conditions.

Based on VCE's review of the proposals received, a "short listed" group of Proposers may be selected. The "short listed' firms may be required to make verbal presentations of their qualification to VCE. If a presentation is determined to be required, the presentation will be considered in the overall technical rating.

The contract will be awarded to the best-qualified Proposer, after price and other factors have been considered, provided that the proposal is reasonable and is in the best interests of VCE to accept it.

The right is reserved, as the interest of VCE may require, to reject any or all proposals and to waive any irregularity in the proposals received.

Within fourteen (14) calendar days after notice of award, the successful Proposer shall deliver to VCE the required insurance certificates as per section 3.10 of the sample contract and the signed copies of the contract. The contract forms will be forwarded to the Proposer with the award notification.

6. Duration of Contract

This contract shall be for one year, subject to approval by VCE's Board of Directors of the corresponding annual budget, unless otherwise mutually agreed upon in writing.

The Budget is subject to the approval of VCE's Board of Directors.

7. Qualifications of Proposers

VCE expressly reserves the right to reject any proposal if it determines that the business and technical organization, financial and other resources, or experience of the Proposer, compared to the work proposed justifies such rejection.

8. Proposal Preparation Costs

The costs of developing proposals are entirely the responsibility of the Proposer and shall not be charged in any manner to VCE.

9. Conflicts

If conflicts exist between the contract and the other elements of this Request for Proposal, the contract prevails. If conflict exists within the contract itself, the Terms and Conditions govern, followed by Scope of Services. If conflict exists between the contract and applicable Federal or State law, rule, regulation, order, or code; the law, rule, regulation, order, or code shall control. Varying levels of control between the Terms and Conditions, drawings and documents, laws, rules, regulations, orders, or codes are not deemed conflicts, and the most stringent requirement(s) shall control.

10. Manner and Time of Payment

At completion of the scope, Contractor shall submit an invoice for the lump sum of the work performed.

11. Subcontractors

The Proposers must describe in their proposals the areas that they anticipate subcontracting to specialty firms. Identify the firms and describe how Proposer will manage these subcontracts.

Contractor will pay subcontractors in a timely manner.

Nothing contained in the Contract shall create any contractual relation between any subcontractor and VCE.

12. Notice Related to Proprietary/Confidential Data

Proposers are advised that the California Public Records Act (the "Act", Government Code §§ 6250 et seq.) provides that any person may inspect or be provided a copy of any identifiable public record or document that is not exempted from disclosure by the express provisions of the Act. Each Proposer shall clearly identify any information within its submission that it intends to ask VCE to withhold as exempt under the Act. Any information contained in a Proposer's submission which the Proposer believes qualifies for exemption from public disclosure as "proprietary" or "confidential" must be identified as such at the time of first submission of the Proposer's response to this RFP. A failure to identify information contained in a Proposer's submission to this RFP as "proprietary" or "confidential" shall constitute a waiver of Proposer's right to object to the release of such information upon request under the Act. VCE favors full and open disclosure of all such records. VCE will not expend public funds defending claims for access to, inspection of, or to be provided copies of any such records.

13. Contract

VCE's standard contract is included as Attachment A - *Sample* Contract of this Request for Proposal. VCE may reject proposals that contain exceptions to the Terms and Conditions included in the sample contract.

5.5 Performance Requirements

Performance Requirements/Acceptance Criteria

a. All Milestones shall be completed in accordance with approved schedule.

b. Deliverable items must be complete, legible, comprehensible, and satisfy all requirements set forth in the scope of work.

5.6 Reference Documents

VCE will provide reference documents to aid in the preparation of RFP responses after execution of the non-disclosure agreement (NDA) – a sample NDA is attached as Attachment B.

5.7 Resource and Submittal Requirements

Contractor shall provide all resources required to complete the work described herein, including but not limited to skills, services, supervision, tools, documents, information, labor, materials, equipment, computing capability, transportation, and any other necessary item or expense to fulfill the work requirements.

5.8 Project Cost

Contractor shall provide a not to exceed lump sum price. If VCE modifies the scope and additional study work needs to be performed, Contractor shall provide a change order price before initiating the work.

VALLEY CLEAN ENERGY ALLIANCE COMMUNITY ADVISORY COMMITTEE

Staff Report - Item 9

TO:	Community Advisory Committee
FROM:	Mitch Sears, Interim General Manager Alisa Lembke, Board Clerk/Administrative Analyst
SUBJECT:	CAC Task Groups for 2022
DATE:	December 16, 2021

Below is a current listing of 2021 Task Groups and its members. Staff is recommending that prior to the meeting, CAC members consider possible Task Groups for 2022. Staff will be providing input at the meeting that will focus on the goals/objectives found in the VCE Strategic Plan. For reference, the existing 2021 Task Groups and membership are listed below and the existing 2021 Task Group "Charges" are attached. Task Groups for 2022 will be finalized at the January 2022 CAC meeting.

2021 CAC Task Groups

1. Legislative/Regulatory

- A. Members: Yvonne Hunter, Lorenzo Kristov, Jennifer Rindahl
- 2. Outreach
 - A. Members: Mark Aulman, Marsha Baird, Yvonne Hunter
- 3. <u>Programs</u> A. Members: Marsha Baird, Christine Shewmaker, David Springer
- 4. Rates
 - A. Members: Gerry Braun, Lorenzo Kristov
- 5. <u>Carbon Neutral (and Decarbonization)</u>
 - A. Members: Gerry Braun, Christine Shewmaker, Cynthia Rodriguez, Lorenzo Kristov

Attachments:

- 1. Legislative/Regulatory Task Group 2021 Charge
- 2. Outreach Task Group 2021 Charge
- 3. Programs Task Group 2021 Charge
- 4. Rates Task Group 2021 Charge
- 5. Carbon Neutral (and Decarbonization) Task Group 2021 Charge

2021 LEG/REG TASK GROUP

Members: Yvonne Hunter (chair), Lorenzo Kristov, Jennifer Rindahl

VCE Staff: Mitch Sears

Charge:

Work with VCE's lobbyist and VCE staff to:

- Provide feedback, technical information and strategic advice to VCE staff on key legislative and regulatory issues facing VCE and the CCA community in general, including legislation and regulatory issues related to VCE's Strategic Plan and Environmental Justice Statement.
- Provide periodic reports to the CAC about legislation and regulatory issues.
- Solicit recommendations from the CAC on VCE positions on key legislation and regulatory proceedings.
- Contribute to VCE's engagement with legislators and other stakeholders.
- Advise VCE staff on CalCCA's regulatory work where and when appropriate.

2021 OUTREACH TASK GROUP

Members: Mark Aulman – Chair Marsha Baird Yvonne Hunter

VCE Staff: Rebecca Boyles

Charge:

Collaborate with VCEA staff and consultants on community outreach to, and liaison with, member communities

Assist in the development of public information strategies, planning, and materials related to VCEA policies and programs. As requested by staff, review draft materials and provide comments as appropriate

Specific Tasks

- 1. Consult with staff and Green Ideals on short-term and long-term outreach strategies and communications projects
- 2. Help define audience segments within VCE's service area and consult on appropriate messages and communications approaches
- 3. Provide a sounding board to assist in message development and copy testing
- 4. Review development procedures for marketing communications and public relations projects
- 5. Conduct review of marketing materials at the draft (pre-release) stage
- 6. Provide concise summaries of activities at the monthly CAC meetings
- 7. Assist with projects designed to implement the VCE Outreach and Marketing Plan with emphasis on environmental justice

2021 PROGRAMS TASK GROUP

Members: Marsha Baird (Co-Chair), David Springer (Co-Chair),

VCE Staff: Rebecca Boyles

Charge: The CAC Programs Task Group will assist VCE Staff with planning and implementation of Customer Programs that meet with the VCE Mission and Strategic Plan. Specifically, the Task Group will:

(1) collaborate with staff on 3-year programs plan and annual update;

(2) advise on programs budget strategy for 2021;

(3) review programs and financial mechanisms (such as rebates, incentives, PACE) and make recommendations of options, with special attention to VCE customer segments, such as agriculture and disadvantaged and underserved; and,

(4) provide updates at monthly CAC meetings on issues being reviewed by the task group.

2021 RATE OPTIONS TASK GROUP

Members:

Lorenzo Kristov - Chair Gerry Braun

VCE Staff: Edward Burnham

Charge:

Assist staff, consultants, and the Valley Clean Energy Board Subcommittee as requested, when existing or new rate options are being considered and evaluated.

Help staff evaluate the impact of current and potential rate options on VCE customer responses and other energy choices, including Environmental Justice considerations.

Specific Tasks

- 1. Conduct CAC Rate Options Task Group meetings and expand participation to other interested CAC members or external experts, as needed.
- 2. Review rate-related financial analysis conducted by staff and consultants and provide staff with input and feedback.
- 3. Review proposed staff recommendations regarding rate options, including Net Energy Metering, and provide input and feedback.
- 4. Inform CAC on rate options and analyses reviewed by the Task Group.

2021 CARBON NEUTRAL TASK GROUP

Members: Cynthia Rodriguez – Chair

Gerry Braun

Christine Shewmaker

Lorenzo Kristov

VCE Staff: Gordon Samuel

Charge: Assist staff and consultants in evaluating feasibility and creating a road map for both carbon-neutral and carbon-free-hour-by-hour power by 2030. Strategic plan reference goal 2 and 2.5.

<u>Tasks</u>

- Support VCE staff's timetable for performing and completing this effort
- Assist in input for and evaluation of model development
- Evaluate different types of power that can be included in model
- Consider impacts of plan on future IRP

EJ component – consider importance of some local resources because of impact on local jobs.

Strategic Plan Goals

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 neutral by 2030.

• 2.5: 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.

VALLEY CLEAN ENERGY ALLIANCE COMMUNITY ADVISORY COMMITTEE

Staff Report – Item 10

то:	Community Advisory Committee
FROM:	Mitch Sears, Interim General Manager Edward Burnham, Director of Finance & Internal Operations
SUBJECT:	VCE Three-Year Strategic Plan Update (Informational)
DATE:	December 16, 2021

PURPOSE

The purpose of this report is to inform the general manager and CAC of the summarized progress on the Strategic Plan goals.

BACKGROUND

The Board ratified the VCE Three-Year Strategic Plan at the November 12, 2020 meeting which incorporates the following schedule for status reporting:

- <u>Quarterly Report to VCE Management</u> Staff will report quarterly to the Interim General Manager on the status of goals, objectives and metrics for which they are responsible.
- <u>Annual Report to Board and CAC</u> 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.

The attached summary is the strategic plan status report which is being shared with the CAC for discussion and feedback.

ATTACHMENTS

1. VCE Strategic Plan 2021 Status Report





Goal 1 - FINANCIAL STRENGTH

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

Objectives: 1.1 - Maintain consistently healthy cash reserves to fund VCE's mission, vision, and goals.

- 1.2 Achieve an investment grade credit rating by end of 2024.
- 1.3 Commit to fiscal efficiencies to build a program foundation from which to deliver customer and community value.
- 1.4 Manage customer rates to optimize VCE's financial health while maintaining rate competitiveness with PG&E.

Obj.	Key Developments	Planned Activities
1.1	 Developed collections policy for review by CAC & Board Renewed credit line with RCB through calendar 2021. Received preliminary CAPP approval for funding ~\$800K of COVID related receivables 	 Collections policy approval Q1 2022 Renew credit line for CY 2022
1.2	1. Budgeted for a financial advisor to support the process of establishment of first credit rating	1. Issue RFP for financial advisor Q1 2022
1.4	 Adopted cost-based rate policy Implemented rate change to maintain cash reserve minimums 	 Develop an additional analytics model for cost study and long-term rates.



Goal 2 - PROCUREMENT & POWER SUPPLY

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

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

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

2.5 - 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 2030.2

2.6 - Optimize the hedging strategy to mitigate risk in accordance with the energy risk guidelines and procurement plan.

Obj.	Key Developments	Planned Activities
2.2	1. In Q1 2021, executed a 90MW PV +75MW BESS 20 yr. PPA will provide VCE stable, low-cost power and resource adequacy.	1. COD Expected in late 2022.
	 Participation in RFP with CC power for long-duration storage. We are currently negotiating (2) 8-hour battery storage systems to bring forward Q122. 	1. Evaluate firm resource proposals and contract awards by Q322.
2.3	 RFO issued through CC Power for firm resources "geothermal." Both efforts support the CPUC decision - Bids expected Q421. 	
	Note: Both support CPUC mandate for additional resources - Reference R. 20-05-003	
2.5	2. Carbon neutrality task group – Awarded RFP to study has progressed with an expected final report to be delivered in January 2022 to Board – See companion item #8	



Goal 3 - CUSTOMERS & COMMUNITY (3.1 - 3.4)

Prioritize VCE's community benefits and increase customer satisfaction and retention.

3.1 - Develop 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 Develop programs and initiatives to better support community goals, including supporting member agency achievement of energy-sector emissions reduction targets.
- 3.3 Design and implement a strategy to more effectively engage local business and agricultural customers.
- 3.4 Build awareness and trust of the VCE brand through direct engagement with customers, communities and organizations.

Obj.	Key Developments	Planned Activities
3.1	 Initiated a mini-campaign in partnership with Davis Food Co-op on UltraGreen opt-ups, including collateral for the campaign. 	 Analyze opt-up numbers in Q2 2022
	2. Rolled out an online platform for customers to easily opt up online without their PG&E account number	
3.2	 Followed up on cost analysis for all member jurisdictions to opt up to UltraGreen, re-initiated conversations about opting up. 	1. Follow up with city staff
3.3	1. Initiated ag AutoDR pilot and getting ready to deploy outreach to key ag customers	1. Outreach to key ag customers in Q1-2 2022
3.4	 Directly engaged with Mutual Housing management staff and conducted three public meetings (1 in Spanish) and a lot of direct engagement with management and customers. This resulted in much more awareness of VCE's brand and activities. 	 Continue to engage and continue conversations about partnering on programs, e.g.,
	 Made significant improvements to the website, including adding content on carbon-free vs. renewables, highlighting key UltraGreen customers on the homepage, updating FAQs, updating the financial resources page, and adding the VCE Power Contract map. Significant detection of the second state of the s	multi-family EV charging
	Staff conducted two educational presentations in schools about VCE and climate change	



Goal 3 - CUSTOMERS & COMMUNITY (3.5 – 3.7)

Prioritize VCE's community benefits and increase customer satisfaction and retention.

3.5 - Develop customer programs and initiatives that prioritize decarbonization, community resiliency and customer savings.

3.6 - 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 - Integrate and address the concerns and priorities of emerging and historically marginalized communities in the design and implementation of VCE's services and programs.

Obj.	Key Developments	Planned Activities
3.5	 Made significant progress on three programs in Q3-4 2021. Ag pilot approved by the CPUC; programs for both EV rebates and heat pump rebates and support are in progress. Staff was invited to present on building decarbonization to the Woodland Sustainability Committee (WSC) in January 2022 	 Design/Implementation forms for EV rebates and heat pumps will go to CAC for consideration in January 2022; Tier 2 advice letter to be filed with CPUC for ag pilot in January 2022. Present to WSC in January 2022.
3.6	1. Maintained customer participation rate of over 90%	 Continue to monitor opt-out trends.
3.7	 Participating in Arrearage Management Program (AMP) and Percentage Income Payment Plan (PiPP) with PG&E and other CCAs so that customers at high risk of disconnection can get support in paying arrearages and avoid disconnection. 	 Monitor AMP and PiPP implementation with PG&E and SMUD. Continue posting in Spanish, measure success in March 2022.



Goal 4 - DECARBONIZATION & GRID INNOVATION

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

- 4.1 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 Develop a VCE decarbonization roadmap to guide near and long-term program decisions and offerings.
- 4.3 Increase participation in VCE's UltraGreen 100% renewable product.
- 4.4 Identify external funding sources to support decarbonization and grid-related programs and initiatives.

Objective	Key Developments	Planned Activities
4.1	 Worked w/ the CAC on a building electrification statement. The Board adopted a statement supporting and encouraging the electrification of new buildings. 	1. Engage with the County of Yolo planning commission on decarbonization efforts.
4.3	 Followed up with member jurisdiction staff for UltraGreen Analysis & adoption Initiated a mini-campaign in partnership with Davis Food Co-op on UltraGreen opt- ups, including collateral for the campaign. Rolled out an online platform for customers to easily opt up online without their PG&E account number 	 Continue to identify opt-up solutions for member jurisdictions Analyze VCE opt-up numbers in Q2 2022
4.4	 Applied for County of Yolo American Rescue Plan funding for downtown Winters reliability upgrade Applied for funding to CPUC under the Reliability OIR to develop and deploy an agricultural autoDR pilot. Received \$3.25M in funds for the 3-year pilot. 	 Continue to identify ARP and other funding sources with member districts, state, and federal agencies. Tier 2 advice letter to be filed Jan 5th, 2022.



Goal 5 - REGULATORY & LEGISLATIVE AFFAIRS

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

- 5.1 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 Develop relationships with community stakeholder organizations that foster support for VCE's mission and vision.
- 5.3 Optimize regulatory compliance activities.

Objective	Key Developments	Planned Activities	
5.1	 Actively engaged in CalCCA sponsored legislation on PCIA – SB 612 (Portantino) Active support of AB 843 (Aguiar-Curry) – access for CCA's to BioMat resources CAC Leg/Reg Task Group – bi-weekly meeting 	 Ongoing engagement in support legislation related to CCAs 	
5.2	 Identify key stakeholder groups within VCE service territory – in process, Attended Winters Chamber of Commerce on 4.12.21 Met with Cool Davis to explore formalizing a relationship to work on shared decarbonization and electrification goals. 	 Decision around a structure to formalize (e.g., MOU) 	
5.3	 Plug in specific regulatory goals for 2021 - from CalCCA, Including Regulatory Staffing in CY2022 budget proposal 	1. Recruitment of Regulatory Staffing	



Goal 6 - ORGANIZATION, WORKPLACE & TECHNOLOGY

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

6.1 - Develop a roadmap to evaluate and guide future steps toward formation of a local Publicly Owned Utility (POU).

6.2 - Evaluate and pursue opportunities for shared services with other CCAs for certain functions.

6.3 - Develop an evaluation framework to guide future expansion opportunities beyond the existing service territory.

6.4 - 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 - Promote diversity, equity and inclusion in leadership, hiring, promotion, and contracting policies.

6.6 - Support health, wellness and a productive workplace.

6.7 - Create an innovation-focused culture that rewards proactive participation, problem solving, new ideas, and creative use of partnerships.

6.8 - Deploy a modernized IT infrastructure that enables knowledge management, analytics and collaboration through robust use of data and information resources.

Objective	Key Developments	Planned Activities
6.1	1. Engaged Don Dame to prepare process outline – technical steps	1. Outreach to CMUA
6.2	 Continued board and staff level engagement with CC Power for joint CCA procurement Participation with the City of Stockton regarding the City's CCA feasibility study 	
6.3	1. Research other CCA expansion evaluation methods used in the process.	
6.4	1. Budgeted (1) half time regulatory Analyst and (1) Intern for Marketing and Support	 Recruitment for Analyst & Intern for 2022.
6.8	1. Working with County of Yolo GIS team on VCE platform for Dashboard and GIS mapping	1. Implement Dashboard and GIS
	2. Adopted Datto as an organizational network drive	Mapping

VALLEY CLEAN ENERGY ALLIANCE COMMUNITY ADVISORY COMMITTEE

Staff Report – Item 11

то:	Community Advisory Committee
FROM:	Alisa Lembke, Board Clerk/Administrative Analyst
SUBJECT:	Board and CAC 2022 Long Range Calendar
DATE:	December 16, 2021

Please find attached the 2022 Board and Community Advisory Committee (CAC) Long Range Calendar listing upcoming meetings and proposed topics for discussion. Please make suggestions if there are topics you wish to add.

Attachment:

1. 2022 Board and CAC Long Range Calendar

VALLEY CLEAN ENERGY

2022 Meeting Dates and *Proposed* Topics – Board and Community Advisory Committee

MEETING DATE		TOPICS	ACTION
<mark>January 13, 2022</mark>	<mark>Board</mark>	Election of Officers for 2022 (Annual)/Oaths of Office	Action
January Board	WOODLAND	Near-term Procurement Directives and Delegations for 2022	Action
meeting to be		Power Procurement Activities	
determined		Receive Calendar Year Budget and approve 2022 Customer	Action
		Rates	
		GHG Free Attributes	Action
		Legislative Platform	Action
		Receive CAC 2021 Calendar Year End Report (Annual)	 Informational
		2021 Year End Review: Customer Care and Marketing	 Informational
		Carbon Neutral	 Informational
January 27, 2022	Advisory	Formation of CAC Task Groups	Action
January CAC	Committee	• Update on 2022 Power Charge Indifference Adjustment (PCIA)	Informational
meeting to be	WOODLAND	and Rates	
determined		Quarterly Power Procurement / Renewable Portfolio Standard	Informational
		Update	
		 Presentment of program concept(s) (placeholder) 	Discussion/Action
		 CC Power long duration storage (placeholder) 	Action: Recommendation
			to Board
		Introduction to draft Collections Policy	Discussion
February 10, 2022	Board	2022 Marketing Outreach Plan	Action
	<mark>DAVIS</mark>	Update on 2022 PCIA and Rates	Informational
		Update on Time of Use (TOU) roll out	Informational
		 Programs concept(s) (placeholder) 	Action
		 Update on SACOG Grant – Electrify Yolo 	Informational
		 CC Power long duration storage (placeholder) 	Action
		Strategic Plan Update (Annual)	Informational

February 24, 2022 March 10, 2022	Advisory Committee DAVIS Board	 Update on SACOG Grant – Electrify Yolo Define 2022 Task Groups Tasks/Charge (Annual) Update on Time of Use (TOU) roll out Collections Policy Collections Policy 	 Informational Discussion/Action Informational Action: Recommendation to the Board Action
	WOODLAND	 New Building Electrification Receive Enterprise Risk Management Report (Bi-Annual) 	Discussion/ActionInformational
March 24, 2022	Advisory Committee WOODLAND	•	•
April 14, 2022	<mark>Board</mark> DAVIS	 7/1/21 thru 12/31/21 Audited Financial Statements (James Marta & Co.) 	Action
April 28, 2022	Advisory Committee DAVIS	 2022 and 2023 Power Content Update Quarterly Strategic Plan update Update on SACOG Grant – Electrify Yolo 	InformationalInformationalInformational
May 12, 2022	<mark>Board</mark> WOODLAND	Update on SACOG Grant – Electrify Yolo	Informational
May 26, 2022	Advisory Committee WOODLAND	 Power Planning 2023 / Renewable Content Update 3-Year Programs Plan 	Discussion/ActionInformational
<mark>June 9, 2022</mark>	<mark>Board</mark> DAVIS	 Re/Appointment of Members to Community Advisory Committee (Annual) Extension of Waiver of Opt-Out Fees for one year (Annual) Update 3-Year Programs Plan 	ActionActionInformational
June 23, 2022	Advisory Committee DAVIS	 Prioritizing types of energy (placeholder) Net Energy Metering (NEM) 3.0 Update 	Discussion/ActionInformational

July 14, 2022	<mark>Board</mark> WOODLAND	 Net Energy Metering (NEM) 3.0 Update 	Informational
July 28, 2022	Advisory Committee WOODLAND	 Quarterly Power Procurement / Renewable Portfolio Standard update Quarterly Strategic Plan update Legislative Bills update 	InformationalInformationalInformational
August 11, 2022	<mark>Board</mark> DAVIS	•	•
August 25, 2022	Advisory Committee DAVIS	 Update on SACOG Grant – Electrify Yolo 	Informational
<mark>September 8, 2022</mark>	Board WOODLAND	 Update on SACOG Grant – Electrify Yolo 2022 Operating Budget / RPS update Certification of Standard and UltraGreen Products (Annual) Enterprise Risk Management Report (Bi-Annual) 	InformationalInformationalActionInformational
September 22, 2022	Advisory Committee WOODLAND	 Legislative End of Session Update Customer Dividend and Programs Allocation report (Consent) 2023 Operating Budget 	InformationalInformationalInformational
October 13, 2022	<mark>Board</mark> DAVIS	 Update on 2023 draft Operating Budget Customer Dividend and Programs Allocation report (Consent) 	InformationalAction
October 27, 2022	Advisory Committee DAVIS	 Update on Power Content Label Customer Mailer Review Draft Committee Evaluation of Calendar Year End (Annual) Quarterly Strategic Plan update 	 Informational Informational / Discussion Informational
November 10, 2022	<mark>Board</mark> WOODLAND	 Certification of Power Content Label (Annual) Preliminary 2023 Operating Budget (Annual) Update on SACOG Grant – Electrify Yolo 	ActionInformationalInformational

November 24, 2022 (Thanksgiving holiday. Would like to reschedule for the 3 rd Thursday of the month to Thursday, November 17, 2022)	Advisory Committee WOODLAND	 Finalize Committee Evaluation of Calendar Year End (Annual) Review draft revised Procurement Guide (Annual) 2022 Operating Budget / RPS update Quarterly Power Procurement / Renewable Portfolio Standard Update Update on SACOG Grant – Electrify Yolo Review CAC Charge (tentative) (Annual) 	 Discussion/Action Action: Recommendation to Board Informational Informational Informational Discussion / Action
December 8, 2022	<mark>Board</mark> DAVIS	 Approve 2023 Operating Budget (Annual) Receive Enterprise Risk Management Report (Annual) Approve revised Procurement Guide (Annual) Enterprise Risk Management Report (Annual) FY22/23 Operating Budget / RPS update Receive CAC 2022 Calendar Year End Report (Annual) Election of Officers for 2023 (Annual) 	 Action Informational Action Informational Informational Informational Nominations
December 22, 2022 (Approaching Christmas holiday weekend. Would like to reschedule for the 3 rd Thursday of the month to December 15, 2022)	Advisory Committee DAVIS	 2023 CAC Task Group(s) formation (Annual) Election of Officers for 2023 (Annual) Revise CAC Charge (tentative) (Annual) 	 Discussion/Action Nominations Discussion / Action
January 12, 2023	<mark>Board</mark> WOODLAND	 Oaths of Office for Board Members (Annual if new Members) Approve Updated CAC Charge (tentative) (Annual) Update on Customer Rate/Policy Structure Implementation 	ActionActionInformational
January 26, 2023	Advisory Committee WOODLAND	 Update on Customer Rate/Policy Structure Implementation Quarterly Power Procurement / Renewable Portfolio Standard Update Quarterly Strategic Plan update 	InformationalInformationalInformational

Note: CalCCA Annual Meeting typically scheduled in November