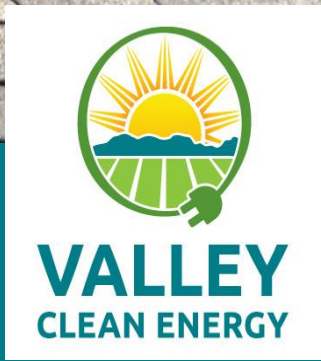




**Valley Clean Energy Community Advisory Committee Meeting – June 25, 2020
Via Teleconference**



Item 7 – Energy Efficiency (EE) and Outreach Programs Update

Public Comments

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Item 7 – EE & Outreach Programs Update

- **VCE staff have worked with the Programs Task Group over the past months to develop programs for VCE**
- **Accomplishments—**
 - **Program Plan**
 - **Electric Vehicle Program**
 - **Pilot NEM Donation Program**
 - **Energy Efficiency Program**

Item 7 – Program Plan Outline

- 1. Program Purpose**
- 2. Program Description**
- 3. Marketing Plan**
 - a) Target Market
 - b) Expected Participation Rate
 - c) Target market - Residential, commercial, etc
 - d) Marketing Strategy
 - e) Message
 - f) Marketing channels—web, print, etc
 - g) Marketing Schedule
- 4. Goals and Metrics**
- 5. Budget**
- 6. Conclusions and Next Steps**

Item 7 - Electric Transportation Program

OPT UP | OPT DOWN | OPT OUT | OPT BACK IN | [ESPAÑOL](#)

[About Us](#) [Energy Choices](#) [Rates & Billing](#) **[Programs](#)** [Resources](#) [News / Meetings](#)

Taking Control of our Clean Energy Future

[Thinking about an Electric Vehicle?](#)

Item 7 - EV Program



Electric Vehicles

Are You Planning to Buy, or Already Driving an EV?

There are plenty of reasons to be thinking about driving an electric vehicle these days. They cost far less to run than standard combustion engine cars, require less maintenance, are extremely efficient, quiet to run, eliminate tailpipe emissions, and are incredibly fun to drive. You can even charge them at home from a standard 120V outlet.

Whether you're just beginning to think about replacing your current car with an electric model, or already driving one, here is some information you might find helpful.



EV Benefits



EV facts



Savings Calculator



CO2 Reduction



EV Models



Credits & Rebates



Charger Locator

Item 7 – Pilot NEM Donation Program

- **Program concept developed for a pilot program allowing customers to donate NEM credits to charity**
- **Charities would be non-profit community based organizations (CBOs)**
- **Up to 3 charities would be selected the first year**
- **Charities could be in two categories—**
 - **Alignment with VCE mission—energy related**
 - **Focused on the community, but not energy related**
- **Board recommendation—include both energy-related and community focused agencies**
- **This will form the basis for future expansion, if warranted**

Item 7 - EE Program



Energy Efficient Home Save Energy, Reduce Carbon

SOLAR PANELS

Convert sunlight into electricity to dramatically cut energy costs and reduce carbon emissions.

LOW-E DUAL PANE WINDOWS

Reduce heat loss during the winter and heat gain during the summer with high efficiency windows.

SMART/PROGRAMMABLE THERMOSTATS

Automatically control home temperatures to optimize comfort and savings.

HIGH EFFICIENCY ELECTRIC APPLIANCES

Induction cooking and Energy Star appliances reduce energy use and costs. Low-flow showers and toilets save water and hot water costs.

HIGH EFFICIENCY HEATING & COOLING

More efficient electric heating and cooling systems and duct sealing can save energy, improve comfort and reduce emissions.

ATTIC, CEILING AND WALL INSULATION

Your home will stay warmer in the winter and cooler in the summer with properly insulated attic, ceiling and walls.

HIGH EFFICIENCY LIGHTING (LEDs)

LEDs last much longer, saving energy and costs.

BUNDLED ENERGY EFFICIENCY IMPROVEMENTS

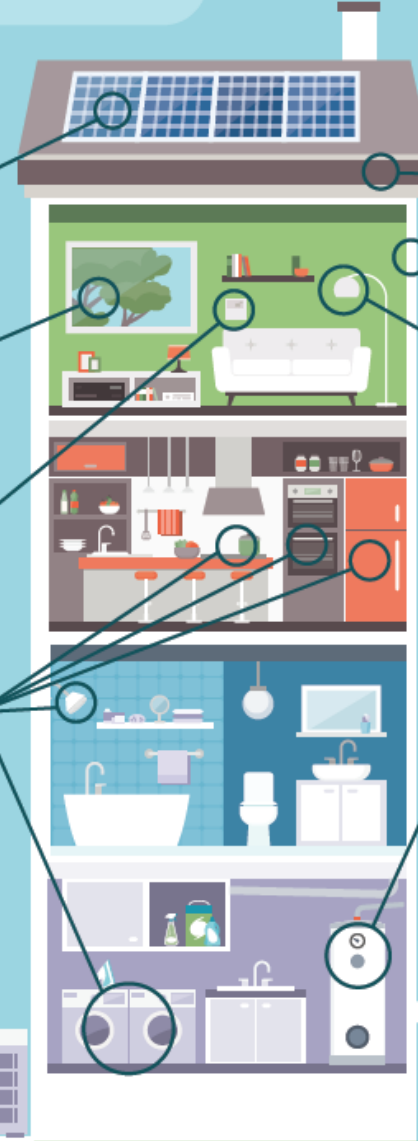
Bundle multiple measure for even greater savings.

HIGH EFFICIENCY WATER HEATING

Consider heat pump or tankless water heaters.

ELECTRIC VEHICLES

Save on fuel and maintenance costs and reduce greenhouse gas emissions when you charge your car with electricity.



Item 7 - EE Program



Energy Efficient Home Save Energy, Reduce Carbon

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HIGH EFFICIENCY HEATING & COOLING

More efficient electric heating and cooling systems and duct sealing can save energy, improve comfort and reduce emissions. [Find out more](#)

Low-E Dual Pane Windows

- Double glazed windows (two panes of glass separated by a sealed air space) cuts heat transfer by over 70% percent compared to single-pane windows
- The Low-E, or low-emissivity coating applied to the glass minimizes the amount of infrared and ultraviolet light that comes through your windows and still allows plenty of natural lighting for your home. These windows improve comfort in winter and summer and reduce fading of carpets and furniture. New windows also have lower air leakage.
- There is a federal tax incentive in 2020 for installing Energy Star (are Energy Star Windows low e and dual pane) windows. The tax credit is up to 10% of the cost of the windows, not including installation, up to \$200.

ATTIC, CEILING AND WALL INSULATION

Your home will stay warmer in the winter and cooler in the summer with properly insulated attic, ceiling and walls. [Find out more](#)

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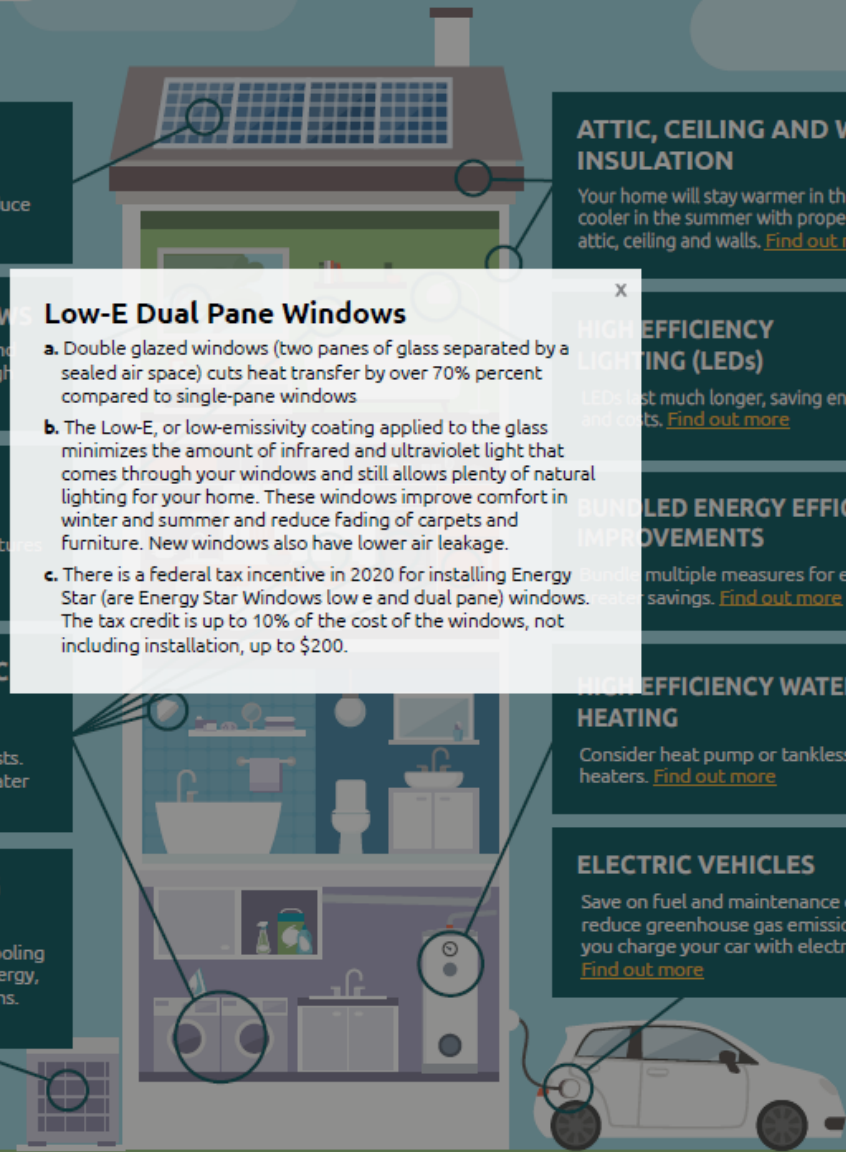
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EE Live

An inspiring journey...

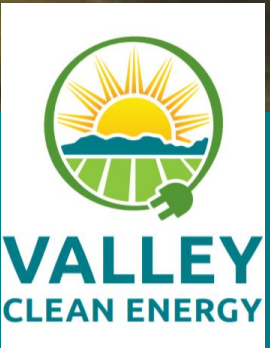
Item 7 – Energy Efficiency Program

Questions or comments?



**Valley Clean Energy Special CAC Meeting – June 25, 2020
Via Teleconference**

Item 8 – VCE Legislative Platform



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Item 8 - Legislative Platform

Background:

- The Legislative Platform will serve as a guide for VCE's lobbyist, Pacific Policy Group, to evaluate bills and positions to recommend to VCE staff and the Board.
- VCE's Vision Statement and positions taken on past and current legislation serve as the basis for the proposed actions and positions outlined in the Legislative Platform.
- The Legislative Platform will be updated annually, preferably just prior to a new legislative session commencing.
- VCE's strategic plan, once completed, will inform future iterations of the Legislative Platform.

Item 8 - Legislative Platform

Issue Areas:

1. Governance and Statutory Authority
2. Restructuring the Electric Utility Sector
3. Resource Adequacy
4. Power Cost Indifference Adjustment (PCIA)
5. Public Safety Power Shut-Offs (PSPS)
6. Community Resilience
7. Renewable Energy Generation Sources
8. Local Economic Development and Environmental Objectives
9. Miscellaneous



**Valley Clean Energy Special CAC Meeting – June 25, 2020
Via Teleconference**

Item 9 – Integrated Resource Plan (IRP) Calendar Update



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Item 9 - 2020 Integrated Resource Plan – Proposed Schedule

| Approximate timing | Activity |
|--------------------|--|
| September 20, 2019 | CPUC staff release proposed data and requirements for 2020 filing |
| October 8, 2019 | CPUC release of preliminary RESOLVE Reference System Portfolio |
| November 6, 2019 | CPUC formal release of Reference System Plan |
| November 7, 2019 | CPUC Final IRP Procurement Decision (D.19-11-016) |
| December 9, 2019 | VCE IRP Workshop (Stakeholder meeting) |
| February, 2020 | CPUC Proposed IRP Decision and Reference System Plan (Revised in March) |
| March 26, 2020 | CPUC Final IRP decision for 2019-2020 cycle, including Reference System Plan and requirements for second low GHG scenario and deadline extension |
| May, 2020 | CPUC release of final templates, tools, and filing instructions |
| May 28, 2020 | VCE CAC workshop with draft IRP portfolios for review and public input |
| June 30, 2020 | Draft IRP report ready |
| July 9, 2020 | VCE Board receive update on draft IRP report |
| July 23, 2020 | VCE CAC receive update on draft IRP and make recommendation to Board |
| August 13, 2020 | VCE Board receive CAC's recommendation and adopt IRP |
| September 1, 2020 | CPUC IRP filing due |



Valley Clean Energy Special CAC Meeting – June 25, 2020
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Item 10 – Update: Local RFO and Incremental Resource Adequacy RFO



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Item 10 – Update: Local RFO and Incremental Resource Adequacy RFO - Background

- **April 2020 VCE issued two solicitations**
 - Local renewable RFO (April 20th)
 - Joint solicitation with Redwood Coast Energy Authority (RCEA) for Incremental Resource Adequacy (RA) (April 28th)
- **June 2020 Joint CCA Request for Information (RFI)**
 - VCE joined with 10 other CCAs and issued an RFI on Long-Duration Storage (June 3rd)

Item 10 – Update: Local RFO and Incremental Resource Adequacy RFO - Background

- **Local renewable RFO**

- VCE Board approval April 9, 2020
- 2019 RPS Plan: “VCE plans to establish an open solicitation for local renewables in the first quarter of 2020 in order to supply up to 25% of its targeted 2030 renewable goal of 80%.”

- **Incremental RA**

- VCE partnered with a similar sized CCA in RCEA

| Procurement year (online by August 1) | 2021 | 2022 | 2023 |
|--|-------------|-------------|-------------|
| Percent of obligation required by year | 50% | 75% | 100% |
| RCEA cumulative obligation (MW) | 5.4 | 8.0 | 10.7 |
| VCE cumulative obligation (MW) | 6.3 | 9.4 | 12.6 |

Item 10 – Update: Local RFO and Incremental Resource Adequacy RFO – Response Summary

| | Local RFO (5/26/2020) | Incremental RA (5/15/2020) |
|-------------------------|--|---|
| Bidders | 12 | 6 |
| Proposals | 31 | 14 |
| Technology types | PV, PV + Storage (BESS), Geothermal, Hybrid (combination of wind, PV and BESS) | Demand response, rooftop PV +BESS, Stand-alone BESS |
| Counties | Colusa, Lake, Solano, Yolo | N/A |

Item 10 – Update: Local RFO and Incremental Resource Adequacy RFO – Timeline

| Item | Local RFO | Incremental RA RFO |
|--|----------------|---------------------------------|
| RFO issuance and Q&A open | April 20, 2020 | April 28, 2020 |
| Deadline to submit Q&A | May 15, 2020 | May 5, 2020 |
| Deadline to submit Notice of Intent to Bid | May 20, 2020 | N/A |
| Deadline to submit RFO Proposals at 5:00pm PT | May 26, 2020 | May 15, 2020 |
| Bidders notified of shortlist status | July 13, 2020 | Week May 25 th |
| Complete Power Purchase Agreement (PPA) negotiations | Sept 30, 2020 | Late May – Mid July |
| Award contracts / Approvals* | Q4 2020 | June 25 (RCEA) and July 9 (VCE) |

*Award and approval date for the joint RFO is subject to change

Item 10 – Update: Local RFO and Incremental Resource Adequacy RFO – Next Steps

- **Staff evaluating Local RFO responses, arrive at a short-list in mid-July**
 - Update CAC in July
 - Update Board in August
- **Incremental RA RFO shortlisted four entities and has conducted the first round of interviews**
 - Negotiate one to two agreements and bring to Board for approval in the July / August timeframe

Item 10 – Update: Local RFO and Incremental Resource Adequacy RFO – Joint CCA RFI

- **Joint CCAs: CPA, CPSF, EBCE, MCE, MBCP, PCE, RCEA, SJCE, SVCE, SCP, VCE**
- **Goals:**
 - Collect information that may inform a subsequent long-duration storage request for offers
 - Inform the Joint CCAs in their long-term resource planning, including identifying candidate resources for the long-duration storage need identified in the 2019-2020 Reference System Plan
- **Responses due July 1, 2020**