



**Silicon Valley Clean Energy
Customer Program Advisory Group Meeting**

Wednesday, May 16, 2018
11:00 am

Sunnyvale Senior Center
Laurel Room
550 E. Remington Drive
Sunnyvale, CA

Courtenay C. Corrigan, Chair
Town of Los Altos Hills

Margaret Abe-Koga, Vice Chair
City of Mountain View

Liz Gibbons
City of Campbell

Rod Sinks
City of Cupertino

Daniel Harney
City of Gilroy

Jeannie Bruins
City of Los Altos

Rob Rennie
Town of Los Gatos

Marsha Grilli
City of Milpitas

Burton Craig
City of Monte Sereno

Steve Tate
City of Morgan Hill

Dave Cortese
County of Santa Clara

Howard Miller
City of Saratoga

Nancy Smith
City of Sunnyvale

AGENDA

Call to Order

Roll Call

Public Comment on Matters Not Listed on the Agenda

The public may provide comments on any item not on the Agenda. Speakers are limited to 3 minutes each.

Consent Calendar

- 1) Approve Minutes of the April 18, 2018, Customer Program Advisory Group Meeting

Regular Calendar

- 2) Other Program Factors Scoring (Discussion)
- 3) Customer Experience Presentations (Discussion)
- 4) Program Prioritization (Discussion)
- 5) Input from Members' Community Outreach (Discussion)
- 6) Next Steps for Report to the SVCE Board (Discussion)

Committee/Staff Remarks and Future Agenda Items

Adjourn

svcleanenergy.org

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Suite 290
Sunnyvale, CA 94087



**Silicon Valley Clean Energy Authority
Customer Program Advisory Group Meeting**

Wednesday, April 18, 2018

11:00 am

Campbell Community Center
Roosevelt Room (Q-80)
1 W Campbell Avenue
Campbell, CA

DRAFT MINUTES

Call to Order

CPAG Chair, Peter Evans, called the meeting to order at 11:01 a.m.

Roll Call

Present:

Member My Nguyen, City of Campbell
Member Gary Latshaw, City of Cupertino (arrived at 11:04 a.m.)
Member Tara Sreekrishnan, City of Cupertino (arrived at 11:04 a.m.)
Member Donald Weiden, City of Los Altos (arrived at 11:05 a.m.)
Member Peter Evans, Town of Los Altos Hills
Member George Parton, Town of Los Gatos
Member Thomas Clavel, City of Milpitas (arrived at 11:19 a.m.)
Member Bryan Mekechuk, City of Monte Sereno
Member Jeff Homan, City of Mountain View
Member Douglas Kunz, City of Sunnyvale
Member Tara Martin-Milius, City of Sunnyvale
Member James Tuleya, City of Sunnyvale
Member Pamela Garcia, Unincorporated Santa Clara County
Member Tristan Mecham, Unincorporated Santa Clara County

Absent:

Member Robert Brewer, City of Mountain View
Member Sandeep Muju, City of Saratoga

Public Comment on Matters Not Listed on the Agenda

Bruce Karney, Chairman of the Mountain View Environmental Sustainability Task Force and board member of Carbon Free Silicon Valley, introduced himself and provided comments on beneficial electrification and direct access electricity. Karney suggested two avenues the CPAG could work on: 1) identify the source of electricity that member city industrial users use and update greenhouse gas emissions inventories, and 2) bring customers to SVCE and away from their existing direct access providers.

Manager of Account Services Don Bray provided additional information on direct access customers.

Consent Calendar

MOTION: Member Mekechuk moved and Member Garcia seconded the motion to approve the Consent Calendar.

The motion carried unanimously with Members Brewer, Clavel, and Muju absent.

1a) Approve Minutes of the March 21, 2018, Customer Program Advisory Group Meeting

Regular Calendar

2) Evaluate Program Briefs Against Benefit List

Chair Evans introduced the item and provided instruction on evaluation of the program ideas identified by sub-groups formed from the last CPAG meeting in terms of the benefits identified from the February meeting. Chair Evans and Community Outreach Manager Leonard responded to member questions.

Twelve “program briefs” developed within sub-committees covering the areas identified at the March 21 meeting and drawn from the breakout group presentations at the February 21 meeting were presented by representatives from each subgroup. CPAG members were asked to complete an evaluation worksheet providing a positive, neutral, or negative scoring for each program’s contribution to each of the benefits identified at prior CPAG meetings.

The following program briefs were presented and evaluated:

Residential Storage, Member Mekechuk
 Connected Home Devices, Member Nguyen
 Residential & Multi-Family EV Charging, Member Parton
 Multi-Family Residence Energy Efficiency, Member Parton
 Safety Preparedness & Resilience with Micro Grids, Member Martin-Milius
 Incentives or Rebates for Used Electric Cars and Smart Chargers, Member Martin-Milius
 Electricity Bill Explorer, Member Nguyen
 Residential Electricity Monitoring, Member Clavel
 Residential BE Ready Program, SF & MF Variants, Member Tuleya
 Pilot “Mass Produced” Zero Emission Retrofit Approach, Member Kunz
 Electrification Process “Survivorship Curve” Analysis, Member Kunz
 BE Smart Residential Water and Space Heating Upgrade, Member Tuleya

Chair Evans opened public comment.

Bruce Karney provided comments regarding incentivizing electric vehicles and the duck curve.

Chair Evans announced a break for lunch at 12:06 p.m.; the group reconvened at 12:17 p.m.

Members provided comments regarding a video shown during the lunch recess in relation to the program pilot “mass produced” zero emission retrofit approach.

The group discussed additional factors for program evaluation beyond the benefits listed in the initial worksheet including cost, time to see results, scalability, uncertainty, and participation; Staff responded to member questions and provided additional information.

Community Outreach Manager Leonard noted the worksheets would be collected and Staff would tally the responses.

Member Clavel left the meeting at 12:47 p.m.

Committee/Staff Remarks and Future Agenda Items

Manager of Account Services Bray provided a brief update on a grant proposal SVCE is currently pursuing for the Bay Area Air Quality Management District's 'Reducing GHGs in Existing Buildings' Initiative; Manager of Account Services Bray responded to member questions.

Chair Evans noted Staff would compile the results of the evaluation and distribute to the group. Chair Evans noted the next meeting would include personal experiences from members who have done electrification and storage projects in the past, a cost benefit analysis, and the group would further refine projects to recommend to the SVCE Board.

Community Outreach Manager Leonard inquired if any members had reached out to any of their communities and noted any input received could be discussed at the next meeting.

Member Tuleya requested members look through the program briefs and review them in more detail for discussion at the next meeting.

Adjourn

Chair Evans adjourned the meeting at 12:56 p.m.

**SVCE CPAG Program Evaluation
Results from April 18, 2018 Meeting**

	Residential Storage - reduce duck curve impacts	Connected Home Devices - customer understanding and load management	Residential & MF EV Charging - encourage vehicle electrification	MF Residence Energy Efficiency - GHG and customer cost reduction	Safety Preparedness & Resilience with Micro Grids	Incentives or Rebates for Used Electric Cars and Smart Chargers	Electricity Bill Explorer	Residential Electricity Monitoring	Residential BE Ready Program, SF + MF Variants	Pilot "Mass Produced" Zero Emission Retrofit Approach	Electrification Process "Survivorship Curve" Analysis	BE Smart Residential Water and Space Heating Upgrade
POSTIVE RATINGS	163	145	126	167	92	136	131	148	160	154	96	157
NEGATIVE RATINGS	18	11	13	12	16	10	6	3	15	4	22	3

*Please note figures are approximate

SVCE CPAG Program Evaluation Worksheet - Other Factors



	Residential Storage - reduce duck curve impacts	Connected Home Devices - customer understanding and load management	Residential & MF EV Charging - encourage vehicle electrification	MF Residence Energy Efficiency - GHG and customer cost reduction	Safety Preparedness & Resilience with Micro Grids	Incentives or Rebates for Used Electric Cars and Smart Chargers	Electricity Bill Explorer	Residential Electricity Monitoring	Residential BE Ready Program, SF + MF Variants	Pilot "Mass Produced" Zero Emission Retrofit Approach	Electrification Process "Survivorship Curve" Analysis	BE Smart Residential Water and Space Heating Upgrade
Other Factors												
Scalability (high/low) high = can expand program with minimal additional resources low = expansion requires additional or increasing resources												
Customer participation (broad/narrow) broad = most customers can/will participate narrow = few customers can/will participate												
Time to implement (short/long) short = can be implemented immediately long = may take more than one year to implement												
Time to outcomes/benefits (short/long) short = within 1 yr long = 3 yrs or more												
Cost (high/low)												
Cost of Carbon (high/low)												