



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

Wednesday, July 18, 2018
11:00 am

Sunnyvale Community Center | Recreation Center
Neighborhood 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 June 20, 2018, Customer Program Advisory Group Meeting

Regular Calendar

- 2) Program Presentation by Acterra (Discussion)
- 3) Residential Electricity Monitoring and Electricity Bill Explorer Deep Dive (Discussion)
 - 3.1) Existing Technologies and Program Experience (Discussion)
 - 3.2) Opportunities and Motivating Factors for Residential Electricity Monitoring and Electricity Bill Explorer Adoption: Would You Sign Up for These? (Discussion)
- 4) Current Utility Programs Available to SVCE Customers (Discussion)

Committee/Staff Remarks and Future Agenda Items

Adjourn

svcleanenergy.org

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

Wednesday, June 20, 2018

11:00 am

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

DRAFT MINUTES

Call to Order

SVCE Board Clerk Andrea Pizano called the meeting to order at 11:01 a.m.

Roll Call

Present:

Member Gary Latshaw, City of Cupertino
Member Tara Sreekrishnan, City of Cupertino
Member Donald Weiden, City of Los Altos
Member Peter Evans, Town of Los Altos Hills
Member George Parton, Town of Los Gatos
Member Robert Brewer, City of Mountain View
Member Sandeep Muju, City of Saratoga (arrived at 11:04 a.m.)
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 Bryan Mekechuk, City of Monte Sereno
Member Thomas Clavel, City of Milpitas

Public Comment on Matters Not Listed on the Agenda

Aimee Bailey, incoming SVCE Director of Decarbonization and Grid Innovation Programs, introduced herself and provided brief information on her background and role with SVCE.

Consent Calendar

MOTION: Member Brewer moved and Vice Chair Martin-Milius seconded the motion to approve the Consent Calendar.

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

1a) Approve Minutes of the May 16, 2018, Customer Program Advisory Group Meeting

Regular Calendar

2) Board Feedback (Discussion)

CPAG Chair Peter Evans introduced the item and reviewed the development of SVCE program roadmap timeline with the group, and discussed the presentation and feedback received from the June 13, 2018 Board of Directors Meeting.

3) Customer Experience Presentation (Discussion)

Member Homan provided information on his experience in installing solar and storage in his home; Member Homan responded to questions from the group.

The group and Staff discussed residential storage options and SVCE's role in potential programs focused on customer electrification.

Chair Evans announced a brief break for lunch at 11:47 a.m. prior to hearing Item 4.

4) SVCE Heat Pump Water Heater Grant Award (Discussion)

The group reconvened at 12:03 p.m. with Members Mekechuk and Clavel absent.

Director of Account Services and Customer Relations Don Bray introduced the item and presented a PowerPoint presentation on the San Mateo Utility District's (SMUD) experience with a Heat Pump Water Heater program; Staff responded to member questions.

Manager of Account Services John Supp presented a PowerPoint presentation on the Bay Area Air Quality Management District grant award and responded to member questions.

5) Opportunities and Motivating Factors for Heat Pump Water Heater Adoption: Would You Sign Up for This? (Discussion)

Following discussion on Item 4, Chair Evans opened the floor for member opinions regarding if they would sign up for a heat pump water heater program and the group identified potential barriers.

Committee/Staff Remarks and Future Agenda Items

Chair Evans noted future meetings would include similar discussions on other potential programs that currently exist.

Board Clerk Pizano confirmed the next meeting would take place at the Sunnyvale Community Center in the Neighborhood room.

Adjourn

Chair Evans adjourned the meeting at 1:06 p.m.



Title & Use Case (Do "x" for "y".)	Residential Electricity Monitoring Facilitate appliance-level (disaggregated) electricity monitoring to increase energy literacy and reduce electricity use
Specific Elements	<ul style="list-style-type: none"> • Customer site electricity monitoring with smart phone interface • RFP process to select appropriate monitoring vendor • Facilitate installation of devices • Study to follow up on energy literacy and electricity usage after installation
SVCE's Role (possible partners or collaborators)	<ul style="list-style-type: none"> • Conduct RFP for monitoring solution • Bulk purchase and/or rebate for devices • Connect customers to approved electricians able to install devices • Provide online forum for customers to discuss project among themselves • Possible partners: Sense Labs, Bidgely
Success (define success)	<ul style="list-style-type: none"> • Number customers participating in program • Increased energy literacy for participants • Reduced electricity usage for participants (lower bills & reduced carbon emissions)



<p>Title & Use Case (Do "x" for "y".)</p>	<p>Electricity Bill Explorer Make bills easy to understand and show how customers can reduce their bills and/or reduce carbon emissions</p>
<p>Specific Elements</p>	<ul style="list-style-type: none"> • Import bill data (GreenButton standard or direct from PG&E) • Show how different rate plans would impact customer bill • Provide personalized comparisons of customer's usage with norms, peers, and customer's own past patterns to inform outliers and alert changes in usage. • Show how much money & CO2 emissions SVCE saves • Show how little it would cost to switch to GreenPrime (if not already a GreenPrime customer)
<p>SVCE's Role (possible partners or collaborators)</p>	<ul style="list-style-type: none"> • Develop system
<p>Success (define success)</p>	<ul style="list-style-type: none"> • Number of customer bills analyzed by system • Number of customers upgrading to GreenPrime after using system • Customer feedback