



**Silicon Valley Clean Energy Authority
Board of Directors Special Meeting**

Wednesday, October 9, 2019

4:30 pm

Cupertino Community Hall
10350 Torre Avenue
Cupertino, CA

MEETING MINUTES

Call to Order

Chair Abe-Koga called the meeting to order at 4:38 p.m.

Roll Call

Present:

Directors

Chair Margaret Abe-Koga, City of Mountain View
Vice Chair Howard Miller, City of Saratoga
Director Liz Gibbons, City of Campbell
Director Rod Sinks, City of Cupertino
Director Courtenay Corrigan, Town of Los Altos Hills (arrived at 4:47 p.m.)
Director Marico Sayoc, Town of Los Gatos
Director Carmen Montano, City of Milpitas
Director Javed Ellahie, City of Monte Sereno
Director Yvonne Martinez Beltran, City of Morgan Hill
Director Nancy Smith, City of Sunnyvale

Alternate Directors

Alternate Director George Tyson, Town of Los Altos Hills
Alternate Director Rob Rennie, Town of Los Gatos
Alternate Director Elaine Marshall, City of Milpitas (arrived at 4:41 p.m.)
Alternate Director Liz Lawler, City of Monte Sereno
Alternate Director Gustav Larsson, City of Sunnyvale

Absent:

Directors

Director Fred Tovar, City of Gilroy
Director Jeannie Bruins, City of Los Altos
Director Susan Ellenberg, County of Santa Clara

Alternate Directors

Alternate Director Susan M. Landry, City of Campbell
Alternate Director Darcy Paul, City of Cupertino
Alternate Director Carol Marques, City of Gilroy
Alternate Director Neysa Fligor, City of Los Altos
Alternate Director Tony Eulo, City of Morgan Hill
Alternate Director Lisa Matichak, City of Mountain View
Alternate Director Manny Cappello, City of Saratoga

Alternate Director Dave Cortese, County of Santa Clara

Public Comment on Matters Not Listed on the Agenda

No speakers.

Regular Calendar

- 1) SVCE Workshop Part Two – Outlining Policy Options and Providing Background Related to Carbon-free Power and SVCE Integrated Resource Plan Continued (Discussion)

CEO Girish Balachandran introduced the workshop and the integrated resources plan (IRP) team made up of SVCE staff. CEO Balachandran addressed the cheat sheet and copy of the presentation at board member's seats, and began a PowerPoint presentation. Director of Power Resources Monica Padilla continued the PowerPoint presentation; staff responded to Board member questions.

Chair Abe-Koga opened public comment.

Bruce Karney, Mountain View resident, Chair of Carbon Free Mountain View, and Board member of Carbon Free Silicon Valley, complimented staff on their analysis and presentation of the power alternatives. Karney noted and described an additional alternative of concentrating solar thermal power which was proposed by Professor Mark Jacobson. Karney commented he has no problem with the use of nuclear resources.

Mark Bowers, Legislative Chair of the Santa Clara County Solid Waste Technical Advisory Committee, commented the state is issuing regulations to implement an organics diversion mandate (SB1383), which will require each jurisdiction to divert 75% of the organics generated in each jurisdiction from landfill disposal by 2025. Bowers encouraged directors to work with SVCE staff to look at options for biomass and biogas to help jurisdictions meet the procurement requirement.

Melody Tovar, staff member from the City of Sunnyvale, thanked SVCE staff for the workshop and provided the following questions and comments:

- She hopes specific scenarios would show clearly the projected comparative power content label (PCL) for the scenarios being addressed, and the PG&E projected PCL for the same scenario, to show how it affects the ultimate PCL and the ultimate emission factor;
- Clarification on when the change in emission accounting is required;
- Shared that in the early stages of outreach for the pre-partnership of SVCE, there was no nuclear supply available but there was feedback from community members that there were some concerns; and
- Questioned if there is an advantage to upping investment in longer-term large hydro projects now to secure before the retirement and availability of the offsets available for nuclear.

Staff responded to the comments and questions from Ms. Tovar.

Chair Abe-Koga closed public comment.

Director Gibbons requested staff consider other projects that may have opportunities for SVCE; CEO Balachandran noted innovative programs are a part of the programs budget.

Director Smith requested the PCL info requested by Ms. Tovar be included in the analysis scenarios, requested staff explore the possibility of accepting nuclear, but selling it so it does not show up on SVCE's label, and requested SVCE staff and Recycling and Waste Reduction Commission staff meet and discuss energy production using biomass and biogas.

Director Martinez Beltran left the meeting at 6:02 p.m.

Chair Abe-Koga addressed the three workshop goals and requests outlined by staff:

1 -- *Direct staff to evaluate alternative portfolios to achieve carbon-free between 2020-2030 and assume 50% RPS through 2025 subsequently increasing to 60% in 2030*

Chair Abe-Koga requested consensus of the staff recommendation by show of hands; there was consensus from the group to accept staff's recommendation.

2 -- *Direct staff to include baseload geothermal renewable resources and options for neutralizing emissions to meet RPS and in IRP modeling*

CEO Balachandran clarified if using geothermal power is acceptable to the Board, staff would bring a long-term PPA with binary geothermal in December 2019 for approval, and would also be modeling geothermal in SVCE's long-term portfolio.

Director of Power Resources Padilla noted if the Board approves the use of conventional geothermal, staff will bring a strategy on how staff will neutralize the emissions associated with the resource. Director of Power Resources Padilla clarified that the Board's direction would include both binary and conventional geothermal.

Chair Abe-Koga requested consensus of the staff recommendation by show of hands; there was consensus from the group to accept staff's recommendation.

3 -- *Direct staff to evaluate optional portfolios as part of IRP modeling which include free allocations from carbon-free resources including form short-term nuclear energy*

Vice Chair Miller provided the following comments:

Staff should include the modeling of free hydro in all of the resource portfolios where appropriate; Model what it would be to accept nuclear and then sell it; and, Add a model in one place, maybe more than one, referred to as "BioX" (for example: biogas), which would add two or three more modeling resource portfolios.

Vice Chair Miller summarized his comments that the practical portfolios to model would be everything staff presented, plus the free hydro, plus the nuclear, plus the option of selling the nuclear, and as appropriate where the BioX fits into the matrix.

The group was in consensus with Vice Chair Miller's comments by show of hands.

Director Smith requested the board address Vice Chair Miller's comment in a formal motion at the regularly scheduled Board of Directors meeting at 7:00 p.m.

Board Announcements and Direction on Future Agenda Items

Director Smith requested a future agenda item to consider SVCE's response to SB1383 per Mr. Bowers' recommendation.

CEO Balachandran noted the Legislative Ad Hoc committee would be meeting October 22, 2019 and the topic could be addressed.

Adjourn

Chair Abe-Koga adjourned the meeting at 6:15 p.m.

ATTEST:



SECRETARY