

**City of San Diego**  
**Sustainable Energy Advisory Board (SEAB)**  
**August 11, 2016**  
**Meeting No. 122**

**MINUTES**

**MEMBERS PRESENT:**

Jason Anderson – Business Community  
Julia Brown – At Large Member  
Douglas Kot (Vice Chair) – Building Industry

Jay Powell – Environmental Advocate  
Eddie Price – At Large Member Alternate #1  
Eric Scheidlinger – At Large Alternate #2

**MEMBERS ABSENT:**

John Bumgarner (Chair) – Solar Industry  
Sean Karafin – At Large Member

Andrew McKercher – Labor Organization

**SEATS OPEN (Awaiting appointment or confirmation):**

SDG&E designated seat

CSE (Regional Energy) designated seat

**I. Call to Order**

Doug Kot called the meeting to order at 10:02 A.M.

**II. Introductions**

**III. Approval of Agenda and Adoption of the Minutes [Action]**

*Item VII – Community Based Micro Grids - Speaker Rinaldo Brutoco was unable to attend in person, but was available via phone.*

*Julia Brown moved to approve the agenda; seconded by Eddie Price. Motion passed unanimously 5-0. Eddie Price moved to accept the minutes as annotated and distributed to the Board; seconded by Jay Powell. Motion passed unanimously 5-0-1 abstained Doug Kot.*

**IV. Announcements**

Julia Brown stated that this is the ten-year anniversary of the approval of AB32. She read the statistics by Adrienne Alvord, director, California & Western States on how well things have gone since the approval. Doug Kot noted that the NEM cap has been reached in the SDG&E territory. Jason Anderson stated that Cleantech is having an event on current solar issues with representatives from SDG&E and Sullivan Solar Power.

**V. Non-Agenda Public Comment - None**

**VI. CAP Update**

Cody Hooven stated that they are working on the CAP annual report. The adopted CAP was conducted with a 2010 baseline methodology and now it is time to update it to see what progress has been made. The team is doing greenhouse gas emissions inventory for the whole city; as well as trying to update all the individual actions, the percentages, greenhouse gas emissions for the different sectors in the plan. She is targeting a complete report by the end of the year—data collection pending. There was further discussion on social equity and job reporting. She welcomes feedback. There was no protest on

the vendor selection for the CCA feasibility study. The contract has not been signed yet. Cody is hoping to work on a schedule with the consultants so they can start work as soon as possible. The schedule is unknown for the work product. As soon as she talks to them, she will bring it back to the board.

It was asked if the RFI for “Another Program” includes the” CCA Priority Guiding Principles adopted by the Board since other programs are supposed to be evaluated to complement or be an alternative to CCA. Cody indicated that she would check on that. The RFI is being reviewed by the City Attorney’s Office.

## **VII. Community Based Micro-Grids**

The speaker for Community Based Micro-Grids Rinaldo Brutoco, of World Business Academy, Santa Barbara joined via phone. Jay Powell introduced the issue in context of the SEAB work plan goal on Renewable Energy Integration to investigate and make recommendations on strategies, upgrades or changes to City/County electrical and natural gas distribution systems to facilitate, implement, integrate and ensure sustainable growth of distributed energy resources (DER) systems including roof top thermal and PV solar systems and energy storage. He passed out to the board members a one-sheet summary of podcast that had background information and links featuring interview of Craig Lewis, Executive Director Clean Coalition. The sheet made distinctions between community micro-grids and traditional micro-grids. Reference materials provided to SEA Board members prior to the meeting included link to that PodCast and December 2015 presentation by Mr. Brutoco to UC Santa Barbara class. Mr. Brutoco’s presentation was titled “Democratizing Power, Micro-Grids and 100% Renewable Energy Future.” The presentation content focused on potential to create substation-scale microgrids. Examples underway include Long Island, New York and Hunters Point, San Francisco.

Jay Powell expressed interest in the City’s right of way and facilities and what opportunities are present for integrating renewable energy and storage infrastructure. Rinaldo Brutoco highlighted opportunities to partner with SDG&E on this approach. He stated advantages in investing in a distribution system that maximizes local renewable energy generation versus remote centralized generation that requires expensive transmission facilities and dependence on a less secure large electric grid. Rinaldo Brutoco will make available a paper that describes a honeycomb theory of micro-grids.

## **VIII. New Board Member Appointment(s)**

Per the municipal code, the Mayor appoints and re-appoints board members and then there is formal action taken to confirm it by the City Council. Tom Brill, is the appointed representative from SDG&E, he has not yet been approved by council.

## **IX. Legislative, Regulatory and City Update**

Darren Greenhalgh introduced the new Program Coordinator Aaron Lu, formerly from the California Public Utilities Commission where he was a Senior Public Utilities Regulatory Analyst. He also announced that Jack Clark is the new Deputy Director of the Energy Division and that he will be resigning from Sustainable Energy Advisory Board.

Jay Powell asked about the Solar PPA contract with Sun Edison. Darren Greenhalgh replied that the contract has two phases with hard deadlines for both phases. Sun Edison missed the construction start date on the first phase. A letter was sent letting them know that the Phase I sites were being canceled. ESD is working with the Purchasing Department to develop a list of qualified contractors/vendors that will provide solar at various facilities. Packages will roll out to establish a list of providers that will last for the next 5 years. There will be opportunities for contractors/vendors to get on & off the list over that timeframe every 6 months or a year. It is in the City Attorney's Office. The City is hoping to get this contract advertised as soon as possible.

**X. Suggested Guests/Presentations/Tours for Upcoming Meetings**

Julia Brown suggested that the board have a future presentation from Noble America on CCAs.

**XI. New Business - None**

**XII. Adjourn**

Doug Kot adjourned the meeting at 11:56 A.M.

**Note: An audio recording of this meeting is available upon request.**