

Bay Area Air Quality Management District  
939 Ellis Street  
San Francisco, California 94109  
(415) 749-5073

**APPROVED MINUTES**

Summary of Board of Directors  
Climate Protection Committee Meeting  
Thursday, September 17, 2015

**1. CALL TO ORDER – ROLL CALL**

Chairperson Jan Pepper called the meeting to order at 9:39 a.m.

Present: Chairperson Jan Pepper; Vice-Chairperson John Avalos; and Directors Teresa Barrett, John Gioia, Scott Haggerty, Katie Rice and Mark Ross.

Absent: Directors David J. Canepa and Shirlee Zane.

Also Present: None.

**2. PUBLIC COMMENT ON NON-AGENDA MATTERS:**

Patti Weisselberg, Families for Clean Air, addressed the Climate Protection Committee (Committee) in support of revisions to the proposed wood smoke rule to require all landlords to install non-wood burning devices for heat sources regardless of locale within the Bay Area and to revise the sole source of heat exemption so that only those residences that truly have no other heat option.

NOTED PRESENT: Director Ross was noted present at 9:40 a.m.

**3. APPROVAL OF THE MINUTES OF MAY 21, 2015**

Committee Comments: None.

Public Comments: No requests received.

Committee Action:

Director Rice made a motion, seconded by Director Avalos, to approve the minutes of May 21, 2015; and the motion carried by the following vote of the Committee:

AYES: Avalos, Barrett, Gioia, Pepper and Rice.  
NOES: None.  
ABSTAIN: None.  
ABSENT: Canepa, Haggerty, Ross and Zane.

#### 4. COMMUNITY CHOICE AGGREGATION (CCA)

Jean Roggenkamp, Deputy Executive Officer, introduced Shawn Marshall, Director, LEAN [Local Energy Aggregation Network] Energy US, who gave the presentation *Community Choice Energy (CCE) in California*, including an explanation of how it works; CCE around the country; policy framework and available programs in California; CCE momentum in the Bay Area; likely growth in California; CCE reduction of greenhouse gases (GHGs); emissions rate comparison of San Mateo County CCA versus Pacific Gas & Electric; possible San Mateo County resource mix; 2014 emission profiles for Sonoma Clean Power (SCP) and MCE (Marin Clean Energy); CCE generation rate comparison; MCE and SCP financial conditions; CCE collective value in the Bay Area; and CCE green multiplier effects.

NOTED PRESENT: Director Haggerty was noted present at 9:56 a.m.

##### Committee Comments:

The Committee and Ms. Marshall discussed what the Air District can do to help, including capital for startups, support for obtaining credit guarantees at initial launch, analysis of the impacts of participating to better inform potential participant cities, and the development of best practices guidelines; the nexus of the smaller-than-expected 10% opt out rate in Sonoma County and the likely reasoning behind opting out as a personal decision; major contributing factors to the rate savings shown on slide 5, *3 Programs in California... so far*; further explanation of the figures on slide 15, *CCE's Collective Value in the Bay*; the experience in Sonoma County in the build-up to launch and the impact on the opt out rate; background information relative to slide 16, *CCE's Green Multiplier Effects...*, bullet 2, "New power projects use PLAs [Project Labor Agreements] and union labor;" whether renewable energy credits accompany CCE power generation units and if they are able to and currently are selling them; start-up costs as a hurdle to CCE establishment that the Air District may be able to assist with through incentive funding for initial planning work; the differing results of out-of-county cities joining existing an CCE and aggregating with cities in its county; the broader challenges facing CCEs; reports that energy demand is flat in the face decreased GHG emissions; support on the Committee for Air District support of CCEs through initial planning work and legislative action.

##### Public Comments:

Jed Holtzman, 350 Bay Area, addressed the Committee regarding his organization's work in support of CCEs; to summarize the advantages to communities for establishing CCEs; to request Air District vigilance in defending CCEs at the legislative level; and to request Air District support for CCEs by adopting a resolution supporting the expansion of local CCEs; serving as a clearing house for city and county governments to build capacity for CCEs; providing grants and/or funding for studies in support of building and staffing CCEs; organizing a group of representatives from CCEs and Air District to collaborate to meet GHG goals; and providing startup funding.

Committee Comments (continued):

The Committee and Ms. Marshall discussed Air District collaboration with the California Air Resources Board (ARB) on new legislation focused on GHG reduction metrics.

Committee Action: None; receive and file.

**5. AIR DISTRICT ACTIVITIES TO MONITOR, ANALYZE AND REDUCE METHANE EMISSIONS**

Ms. Roggenkamp introduced Phil Martien, Exposure Assessment and Emissions Inventory Manager in the Planning and Climate Protection Division, who gave the staff presentation *Air District Activities to Monitor, Analyze and Reduce Methane Emissions*, including methane sources; a fast-action methane strategy; quantification of the warming potential of methane; 2015 Bay Area GHG emissions on both 20- and 100-year time frames; 2015 Bay Area GHG emissions by source and pollutant; reconciliation of methane emissions; summaries of phase 1, enhanced methane measurements, and phase 2, mobile monitoring and near-source methane sampling; expected outcomes from enhanced methane measurements; initial proposed climate rulemaking; additional activities to reduce methane emissions; and next steps.

The Committee and staff discussed, at slide 4, *Quantifying Methane's Warming Potential*, how to reconcile the 20- and 100-year projected time frames with an earlier statement regarding the shorter lifetime of methane.

Dr. Martien concluded the presentation.

Committee Comments:

The Committee and staff discussed whether monitoring will occur near individual facilities that are significant emitters of methane and what will steer the emissions sampling process; whether methane is less expensive and easier to mitigate than carbon dioxide; and the sources of nitrous oxide in the Bay Area.

Public Comments:

Jed Holtzman, 350 Bay Area, addressed the Committee to suggest that, while the effort to better address methane emissions is commendable, it is a disproportional response given its contribution to global warming in comparison to carbon dioxide; to provide additional information on the systemic underreporting of methane emissions at many levels; and in support of accelerating the rulemaking timeline to run parallel to other climate change work already underway.

Laura Mintzer, Chevron, addressed the Committee regarding the history of reduced criteria pollutants; to suggest that California regulations are the most stringent in the U.S. and the gasoline is more expensive in California than elsewhere; to speculate that a further strengthening of regulations will likely result in the closing of Bay Area refineries, which will result in an import market that will be detrimental to the global climate cause due to the less strict regulations in place elsewhere.

Committee Action: None; receive and file.

**6. SUMMARY OF KEY CALIFORNIA CLIMATE LEGISLATION IN 2015**

Ms. Roggenkamp introduced Thomas Addison, Senior Policy Advisor, who delivered the staff memorandum *Summary of Key California Climate Legislation in 2015*, including the debates on a number of significant climate change issues, such as what mandates after 2020 are appropriate for reductions in GHG emissions, increases to renewable power, building energy efficiency and expenditure of cap-and-trade revenues.

Committee Comments:

The Committee and staff discussed ARB authority over the cap-and-trade program up to and after 2020; and additional legislative history regarding Senate Bill (SB) 32 Pavley.

Public Comments:

Jed Holtzman, 350 Bay Area, addressed the committee to summarize the legislative session experience with regards to SB 350 and request that Air District staff consider ways to prevent the last minute gutting-and-amending of legislation that negatively impacts CCAs and detracts from efforts to meet air quality goals.

Committee Action: None; receive and file.

**7. Committee Members' Comments/Other Business:** None.

**8. Time and Place of Next Meeting**

Thursday, November 19, 2015, Bay Area Air Quality Management District Headquarters, 939 Ellis Street, San Francisco, California 94109 at 9:30 a.m.

**9. Adjournment:** The meeting adjourned at 11:41 a.m.

*151 Sean Gallagher*

Sean Gallagher  
Clerk of the Boards