

Bay Area Air Quality Management District  
939 Ellis Street  
San Francisco, California 94109  
(415) 771-6000

## **APPROVED MINUTES**

Summary of Board of Directors  
Climate Protection Committee  
4<sup>th</sup> Floor Conference Room  
Monday, March 7, 2011, 11:00 a.m.

**Call to Order - Roll Call:** Chairperson Jennifer Hosterman called the meeting to order at 11:00 a.m. without an established quorum.

**Present:** Chairperson Jennifer Hosterman, and Directors Susan Garner, John Gioia and David Hudson

**Absent:** Vice Chairperson Gayle B. Uilkema and Directors Carole Groom and Shirlee Zane

**Also Present:** Bruce Riordan, Climate Consultant to the Joint Policy Committee

**Public Comment Period:** None

**Approval of Minutes of November 29, 2010 –** Deferred due to lack of a quorum.

### **Update on Joint Policy Committee and Climate Bay Area**

Bruce Riordan, Climate Consultant to the Joint Policy Committee (JPC), provided an update on the Joint Policy Committee/Climate Bay Area development of a regional climate protection strategy. He distributed a handout of materials which will be reviewed by the JPC in January and asked for input in prioritizing the 5 projects, how to make projects work in the economic climate, and a discussion of how the JPC will fulfill its mandate to coordinate the development of plans amongst the four agencies.

Mr. Riordan stated that Climate Bay Area mapped hundreds of climate action projects in the region by governments, non-profits and business, to identify the most important and high impact projects. They also identified key barriers to the projects. He noted there are hundreds of excellent projects and programs in the Bay Area but not all are working at the speed and scale required to meet AB 32 goals. There are significant opportunities to link economic and climate crises, and stakeholders are taking action, learning what resources exist, and how they can tie into projects for a successful outcome. Over the long-term, the high-impact projects have the potential to integrate climate action, economic development and equity enhancements to help transform the Bay Area.

Mr. Riordan outlined and ranked five projects and regional agency roles, and addressed questions of Committee members:

1. Sustainable Communities Strategy (SCS) (SB 375 – transportation/land use)
2. Bay Area Climate Adaption Strategy

In response to a question of Director Garner, Mr. Riordan noted that adaptation is preparing the Bay Area for sea level rise, higher temperatures, and energy and water deficits expected in the future. Director Gioia added that BCDC is looking at a component of this; sea level rise and its effects on land use around the Bay. He said this would integrate into other agencies' regional plans and stakeholder groups.

3. Energy Upgrade California (residential and commercial building retrofits)

Chairperson Hosterman questioned home and business retrofits related to AB 811, and Mr. Riordan said the State will do two pilot programs in Sonoma County and in Southern California on a revised version of AB 811. He said unless financing tools can be identified for upfront costs, projects will stay small. They are looking at financing through utilities and having payments spread out over time.

4. The Bay Area Electric Vehicle/Infrastructure Strategy

Mr. Riordan said a more coordinated strategy is needed in the region and agencies are meeting in terms of funding, principles and goals.

5. Bay Area Smart Energy 2020 (local decentralized renewable power)

Mr. Riordan said Bay Area Smart Energy 2020 is about taking advantage of all unused open space, rooftops, commercial buildings, schools, and churches. If financing is done right, people will take part in a system where they could potentially be paid more for what they use.

#### Committee Comments/Questions:

Director Gioia suggested advancing the home and business building retrofit project ahead of electric vehicle strategy and local renewable power, stating that it reduces the demand for energy and it has an added benefit for providing tangible outcomes for people directly in their home. He said if a financing solution can be determined, it can provide an opportunity for education and jobs. He recommended moving SCS and Adaptation Strategy together, and doing home and building retrofits in parallel, and maintaining the last two projects as longer term strategies.

Director Garner referred to the local renewable power and questioned the opportunity to team with a large business like Chevron as a way to finance a regional program. A large business may have set aside money for energy development and if they found the right kind of partner, more progress could be made in this area. Mr. Riordan said regional agencies are not doing anything directly with local power, but the Bay Area Council's Energy Task Force is meeting on this and is interested. He stated the new Governor has set a plan of 12,000 megawatts of renewable power in 2020. Director Garner said she believes a large corporation like Chevron would love the opportunity to team with local regional agencies to help towards projects. She referred to the electric vehicle strategy and said the District put a lot of focus on this over the last two years, and for them to take a role in developing a regional plan could be a big step.

Chairperson Hosterman said the District just approved funding to be used for recharging stations commencing sometime this summer which is quite an undertaking. Given resources, she asked if the Committee could consider something more regional in nature. Ms. Roggenkamp said the four agencies are discussing this and funding is being sorted out depending on where projects are

needed. She said part of the 5 projects includes a story, supporting actions and a scorecard. She thinks the combination of these is important to have the Committee focus its energies collectively and tell the region how they are doing. Mr. Riordan agreed and said they will be able to show things are moving given the numbers of Electric Vehicles (EVs) sold, installations for power, and build momentum.

Director Gioia suggested that a large corporation's focus on alternative energy would also serve to improve their larger image, and Mr. Riordan added that Chevron Energy Solutions has been one of the key partners in the larger solar installations in the Bay Area. Director Garner said that while Chevron may be one example, she believes there are funds available from other corporations that could serve as resources.

Mr. Riordan continued, stating the five projects are about prioritizing, finding economic levers, and at the same time, the San Francisco Foundation is providing funding along with a group called, the "30 Leaders". Approximately 35 interviews have been done to date, including the 4 Executive Directors of the agencies, the Chairs of Air District and MTC, and others, and the idea is starting from what is important to them, what they are trying to create, and finding the common ground. There will be 4 subgroups formed and he briefly reviewed those involved leaders.

Chairperson Hosterman restated the prioritization of projects, and Mr. Riordan briefly reviewed prioritization, as: 1) Sustainable Community Strategy (SB 375); and 2) Bay Area adaptation strategy. The first two projects are ongoing and moving, and they want to focus on the home and business building retrofits next, then EV strategy and local renewable power.

Public Comment: None

**Committee Action:** None; for information only.

### **Local Climate Action Planning Update**

Abby Young, Principal Environmental Planner, gave the staff presentation, stating that local governments have been tracking greenhouse gas (GHG) emissions since the mid-1990s and, toward the end of 2009, they tallied the number of governments who have adopted Climate Action Plans (CAPs) which totaled ten (10). She said governments have been working on their plans, the District has issued grants, new tools have been developed, and today there are 23 CAPs that have been adopted, with 18 CAPs underway. In addition, some local governments are integrating climate planning in their General Plan updates.

Ms. Young noted that a couple of years ago, the District implemented a website which tracks those governments that have hit milestones, and those who have created GHG inventories and/or CAPs. Ms. Young presented a chart of those jurisdictions in Alameda County that completed a GHG inventory, stating that many have adopted CAPs. She said the District's web portal can be located at [www.baaqmd.gov/climateplanning](http://www.baaqmd.gov/climateplanning).

Ms. Young said the nature of the plans is also evolving. Targets adopted some years ago varied and now there are more consistent targets focusing on AB 32 requirements. They are also seeing GHG inventories include more emission sources. There is more quantification of specific measures, more mitigation measures, and governments are including more mandatory measures. There are more plans going through environmental review with stronger connections between CAPs and general plans. Another approach is to include the CAP as part of the General Plan and have it serve as the implementation strategy of climate goals and objectives. Some cities have developed energy and climate protection elements in their General Plan.

Regarding the role of CEQA guidelines and CAPs, the CAP option is included as a GHG threshold, which could be considered “qualified”. Those developments deemed qualified would not need to have environmental review for GHG emissions. These guidelines added clarity to the state adopted guidelines.

In terms of the region’s climate protection picture, assistance provided to local governments will play a large role in helping the region meet its SB 375 targets, which are for GHG emissions associated with light duty vehicles (cars and trucks) by 7% per capita by 2020, and 15% per capita by 2035.

Ms. Young reviewed the District’s support of development of CAPs and assistance:

- More guidance: CAPCOA report, plan level GHG guidance
- New Tools: Bay Area GHG Model (BGM), Transportation Demand Model (TDM), trainings
- Participation in new tool development: CalEEMod, ICLEI inventory protocol
- Direct assistance by staff: Meetings, early stage review of methods and documents, inventory assistance
- Comprehensive CAP Review and Analysis
- Recent CEQA workshops

Emerging needs revolve around standardized approaches and methods, automated data delivery, more communication forums, guidance on implementation compliance and verification, and offsite GHG mitigation program.

Ms. Young reviewed next steps and opportunities for the District:

- Tool and protocol development
- Work with other data providers (MTC, PG&E, ARB)
- Build knowledge of best practices
- Continue leadership role in region

Committee Comments/Questions:

Directors recognized staff’s work and assistance to cities in CAP development and adoption, as well as providing on-going tools, tracking, and greater motivation.

Public Comment: None

**Committee Action:** None; for information only.

**Update on AB 32 Implementation**

Brian Bateman, Director of Engineering, gave the staff presentation and provided an update on the status of implementation of AB 32 control measures, the Scoping Plan adopted by the California Air Resources Board (CARB) in December 2008 which includes 69 GHG reduction measures, direct regulations, incentives, and the market-based Cap-and Trade program.

He briefly discussed the Scoping Plan lawsuit, which was filed in 2009 by the Association of Irrigated Residents, et al. Among the allegations was that CARB inappropriately included a Cap-and-Trade Program in the Scoping Plan. The judge issued a preliminary decision in January and denied all petitions alleging violations of AB 32, granted petition alleging violations of CEQA relating to the inadequacy of the alternatives analysis, and that the plan was improperly approved prior to completing environmental review.

Mr. Bateman then discussed three specific measures related to regulations CARB adopted which the District will be involved in implementing. He reviewed requirements of the rules, reporting, performance standards, tiers and allowances (Cap-and-Trade), workshops to be held and expected implementation date(s):

- Landfill Methane Control Measure
- Semiconductor Operations
- Sulfur Hexafluoride Use (non-utility and non-semiconductor)
- Stationary Refrigerant Management Program
- Cap-and Trade Regulation

Committee Comments/Questions:

Directors discussed examples of facilities falling under the Semiconductor Operations Rule, and their exemptions and reporting requirements. Members confirmed the South Coast Air Quality Management District is also implementing GHG reduction measures under the Scoping Plan.

Public Comment: None

**Committee Action:** None; for information only.

**Committee Members' Comments:**

Chairperson Hosterman discussed the meeting schedule and future work of the Committee which will include:

- Updates on AB 32
- Assistance programs
- Advisory Council recommendations on transportation sector targets and GHGs and parking reform
- CSC and adaptation strategy
- Potential funding sources to address residential and commercial building retrofits

Chairperson Hosterman voiced the need to set (and cancel as needed) quarterly or bi-monthly meeting dates to coincide with another Committee meeting.

**Time and Place of Next Meeting:** 9:30 a.m. – At the Call of the Chair  
939 Ellis Street, San Francisco, CA 94109

**Adjournment:** The meeting was adjourned at 12:29 p.m.

*LS/ Lisa Harper*

Lisa Harper  
Clerk of the Boards