



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

BOARD OF DIRECTORS
CLIMATE PROTECTION COMMITTEE
COMMITTEE MEMBERS

PAMELA TORLIATT – CHAIR
DAN DUNNIGAN
JOHN GIOIA
DAVID HUDSON
SHIRLEE ZANE

JENNIFER HOSTERMAN – VICE CHAIR
SUSAN GARNER
CAROLE GROOM
GAYLE B. UILKEMA

WEDNESDAY
MARCH 3, 2010
9:30 a.m.

4th FLOOR CONFERENCE ROOM
939 ELLIS STREET
SAN FRANCISCO, CA 94109

AGENDA

1. **CALL TO ORDER - ROLL CALL**

2. **PUBLIC COMMENT PERIOD**

(Public Comment on Non-Agenda Items Pursuant to Government Code § 54954.3) Members of the public are afforded the opportunity to speak on any agenda item. All agendas for regular meetings are posted at District headquarters, 939 Ellis Street, San Francisco, CA, at least 72 hours in advance of a regular meeting. At the beginning of the regular meeting agenda, an opportunity is also provided for the public to speak on any subject within the Committee's subject matter jurisdiction. Speakers will be limited to three (3) minutes each.

3. **APPROVAL OF MINUTES OF DECEMBER 11, 2009**

4. **TRANSPORTATION 2035 CLIMATE INITIATIVES GRANT FUNDING**

H.Hilken/4642
HHilken@baaqmd.gov

The Committee will receive a report on the draft solicitation and review guidelines for the regional grant program

5. **IMPLEMENTATION OF GREENHOUSE GAS REGULATIONS FOR STATIONARY SOURCES**

J.McKay/4629
JMckay@baaqmd.gov

The Committee will receive a status report on the implementation of greenhouse gas regulations for stationary sources.

6. **COMMITTEE MEMBERS' COMMENTS**

Any member of the Committee, or its staff, on his or her own initiative or in response to questions posed by the public, may; ask a question for clarification, make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter or take action to direct staff to place a matter of business on a future agenda. (Gov't Code § 54954.2)

7. **TIME AND PLACE OF NEXT MEETING** – At the Call of the Chair

8. **ADJOURNMENT**

**CONTACT THE EXECUTIVE OFFICE - 939 ELLIS STREET
SAN FRANCISCO, CA 94109**

**(415) 749-5130
FAX: (415) 928-8560
BAAQMD homepage:
www.baaqmd.gov**

- To submit written comments on an agenda item in advance of the meeting.
- To request, in advance of the meeting, to be placed on the list to testify on an agenda item.
- To request special accommodations for those persons with disabilities (notification to the Executive Office should be given at least three working days prior to the date of the meeting so that arrangements can be made accordingly).
- Any writing relating to an open session item on this Agenda that is distributed to all, or a majority of all, members of the body to which this Agenda relates shall be made available at the District's offices at 939 Ellis Street, San Francisco, CA 94109, at the time such writing is made available to all, or a majority of all, members of that body. Such writing(s) may also be posted on the District's website (www.baaqmd.gov) at that time.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
939 ELLIS STREET, SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

EXECUTIVE OFFICE:
MONTHLY CALENDAR OF DISTRICT MEETINGS

FEBRUARY 2010

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Executive Committee <i>(At the Call of the Chair)</i>	Monday	22	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Mobile Source Committee <i>(Meets 4th Thursday each Month)</i>	Thursday	25	9:30 a.m.	4 th Floor Conf. Room

MARCH 2010

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i> CANCELLED	Wednesday	3	9:45 a.m.	Board Room
Board of Directors Climate Protection Committee <i>(At the Call of the Chair)</i>	Wednesday	3	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Stationary Source Committee <i>(At the Call of the Chair)</i>	Friday	5	9:30 a.m.	Board Room
Board of Directors Personnel Committee <i>(At the Call of the Chair)</i>	Monday	8	9:30 a.m.	4 th Floor Conf. Room
Advisory Council Regular Meeting and Symposium – CA 2050 GHG Emission Reduction Target – Industrial Sector	Wednesday	10	9:00 a.m. – 12:00 p.m.	Board Room
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i>	Wednesday	17	9:45 a.m.	Board Room
Board of Directors Budget & Finance Committee <i>(At the Call of the Chair)</i>	Wednesday	24	1:00 p.m.	4 th Floor Conf. Room
Board of Directors Mobile Source Committee <i>(Meets 4th Thursday each Month)</i>	Thursday	25	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Legislative Committee <i>– (At the Call of the Chair)</i>	Monday	29	10:00 a.m.	4 th Floor Conf. Room

APRIL 2010

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i>	Wednesday	7	9:45 a.m.	Board Room
Board of Directors Stationary Source Committee <i>(At the Call of the Chair)</i>	Monday	12	9:30 a.m.	Board Room
Advisory Council Regular Meeting	Wednesday	14	9:00 a.m. – 11:00 a.m.	Board Room
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i>	Wednesday	21	9:45 a.m.	Board Room
Board of Directors Mobile Source Committee <i>(Meets 4th Thursday each Month)</i>	Thursday	22	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Budget & Finance Committee <i>(At the Call of the Chair)</i>	Wednesday	28	1:00 p.m.	4 th Floor Conf. Room

LH – 2/19/10 (12:00 Noon)

P/Library/Forms/Calendar/Calendar/Moncal

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Memorandum

To: Chairperson Torliatt and Members
of the Climate Protection Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: February 23, 2010

Re: Climate Protection Committee Draft Meeting Minutes

RECOMMENDED ACTION:

Approve attached draft minutes of the Climate Protection Committee meeting of December 11, 2009.

DISCUSSION

Attached for your review and approval are the draft minutes of the December 11, 2009 Climate Protection Committee meeting.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

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

DRAFT MINUTES

Summary of Board of Directors
Climate Protection Committee
4th Floor Conference Room
Friday, December 11, 2009, 9:30 a.m.

Call to Order - Roll Call: Chairperson Yoriko Kishimoto called the meeting to order at 9:30 a.m.

Present: Chairperson Yoriko Kishimoto; Directors Susan Garner, John Gioia, Mark Ross

Absent: Vice Chairperson Tom Bates, Scott Haggerty, Jennifer Hosterman, Carol Klatt and Gayle B. Uilkema

Also Present: Chairperson Pamela Torliatt

Public Comment Period: None

Overview of Climate Bay Area

Bruce Riordan, JPC Climate Consultant, provided an overview of the Climate Bay Area initiative, and discussed \$350,000 to \$400,000 in grant funds from the State which are targeted to be used to fund a science report focusing on climate impacts in the nine counties. The report will look at specific impacts, vulnerable populations and adaptation strategies. Staff is currently working on the work scope, stating UC Berkeley will do a lot of the work as well as other academic entities, with the broader goal of developing a science report and developing a relationship between climate scientists and the four regional agencies.

Mr. Riordan stated a Climate Bay Area kick-off meeting was held on November 17, 2009 which he said was extremely successful. A report and findings will be presented to the JPC at their January meeting. He presented an outline of cross-sector and other top key initiatives representing inventories, regional goals and plans, monitoring and evaluation, and noted that over 85 local governments have prepared inventories to date.

Director Gioia questioned the ability to measure the success and link back to the cost of doing it, and Abby Young, Principal Environmental Planner, discussed the ability to measure GHG reductions through grant programs, and noted information is being added regularly to the District's climate portal; www.baaqmd.gov/climateplanning.

Mr. Riordan discussed mega-issues where two questions were posed:

1. What are the most important mega-issues that must be addressed in 2010?; and
2. What is the Bay Area's greatest contribution to the global climate movement?

He presented examples as lack of funding/financing, need for “breakthrough” projects, improved partnership with State, and the need to shift behavior and build support and the question of where, how fast and how much change should occur. He stated that discussion revealed outcomes related to the need for tracking, development of regional goals, more of a regional approach that can build on what locals and State are doing, and the need for a better foundation.

Mr. Riordan then presented a Bay Area 2020 scenario which outlined 1990 total GHGs, 2020 projected GHGs, reductions needed, and examples of State and Bay Area reduction measures. Ms. Roggenkamp added that many innovative and wide-ranging ideas came out of the discussion as to what the Bay Area could contribute. Director Gioia clarified with Mr. Riordan that web meetings would be held to further explore ideas.

Mr. Riordan referred to a firm in the mid-west that organized something called, “Re-Amp” which brought together many entities on climate initiatives, and he said local agencies have been asked to look at it as a possible model.

Public Comments: None

Committee Comments/Discussion:

Director Ross noted that in comparison to the Bay Area’s population versus a smaller per capita area, a process might come out that allows shifting of what works and one which can also identify the baseline for economic purposes.

Director Garner suggested that the reality is implementation to come up with a more effective model.

Board Chairperson Torliatt discussed a green project; the Sonoma Mountain Village project in Rohnert Park and she recommended communities consider similar replications for use in their redevelopment areas.

In response to a question from Chairperson Kishimoto, Mr. Riordan discussed comprehensive modeling efforts and local plans in Sonoma, Palo Alto, San Carlos, Hayward, and Berkeley, and reiterated the need for public planning processes.

Directors discussed the goal of the market and government working together, wetlands and restoration areas used as offsets, encouraging development of innovation and technology for energy solutions, solar energy, reductions in countywide transportation plans and the need for a regional model, pay-as-you-go energy efficient funding programs, factoring in waste generation, and inclusion of youth participation.

Committee Action: None; for information only.

Status Report on the Implementation of Greenhouse Gas Regulations for Stationary Sources

Senior Advanced Projects Advisor, Alex Ezersky, gave the staff presentation, background of the AB 32 Scoping Plan and CAPCOA/District measures of interest, which include:

- Removal of methane exemption from existing refinery regulations;
- Reduction of GHG emissions from semiconductor operations;
- Landfill methane control measure;
- Oil and gas extraction GHG emission reduction;
- Natural gas transmission and distribution GHG emission reduction;

- Refinery flare recovery system improvement;
- SF6 limits in non-utility and non-semi conductor applications;
- Refrigerant management programs for stationary sources;
- Regional transportation-related greenhouse gas targets.

Mr. Ezersky described CARB's resolution to reduce administrative burdens in the rule, its recognition of the value local districts provide, and identification of CAPCOA as the planning forum. He discussed timelines of a 2010 adoption for 2012 implementation,

Regarding timelines, staff proposes a 2010 adoption for 2012 implementation, with early action measures adopted. Some measures may be incorporated into existing District regulations and he described the "Tailoring Rule" which amends the Clean Air Act thresholds for GHGs, establishes permitting requirements, and sets thresholds of 25,000 tons/year of GHG emissions. The EPA estimates a 50% increase in Title V and PSD permit staffing levels, with approximately 130 Title V facilities to be added to the District's oversight.

In response to Director Garner, Mr. Broadbent stated that thresholds will need to be reported for existing and modified facilities and the 130 medium-sized facilities will be added that currently do not require a Title V permit. He noted that ultimately, federal regulatory efforts to reduce GHGs will force the added facilities into a permitting mode. Directors discussed cost recovery and closing the gap, coordination efforts between District and EPA engineers, future amendment to the District's fee schedule, and the recent District Title V audit conducted by the EPA.

Mr. Ezersky then discussed next steps as staff identifying opportunities, resource allocation and development of District rule amendments. The State has mandatory GHG verification process and reporting rule, and the intent is to ensure emission reports are free from errors. He then reviewed the contract review process, core verification activities and finalization, which requires an independent technical review, report and reporting tools. He then discussed the accreditation process undertaken by the District and noted that the District now meets the criteria to be a verification body. It adds to the District's portfolio of qualified staff, contracts which can be entered into, and it provides an opportunity to work with smaller districts.

Committee Comments/Discussion:

Chairperson Kishimoto confirmed there were 170 verifiers statewide, and CARB's review of consultants performing the work.

Committee Action: None; for information only.

Approval of Minutes of October 8, 2009: Director Gioia made a motion to approve the minutes of October 8, 2009; seconded by Director Ross; carried unanimously without objection.

Committee Year End Review

Principal Environmental Planner, Abby Young, gave the staff presentation, reported on the successful work completed on climate protection during 2009, and noted that the focus has been working with local governments in convening, providing technical assistance, and implementing measures. She reported on follow-up discussions from the Climate Action Leadership Summit, presentations and building of content on the Bay Area Climate Planning Web Portal, working with local governments, work with initiatives on stationary sources, GHG fee reporting and verification training, and reviewing land use control measures, energy and climate control measures.

She reported on community incentives and outreach efforts, work with grantees, and noted that the deadline for ConocoPhillips settlement grant funds was extended to December 14th to allow for smaller projects to qualify. She confirmed that the community outreach grant program includes six grants totaling \$250,000K, staff has conducted general outreach with Spare the Air Everyday, and 4th and 5th grade curriculum was continued and updated in 40 schools.

Regionally, Ms. Young noted that staff attends weekly meetings with ABAG and MTC regarding SB 375, participates in RTP climate funding working group, coordinates CEQA, CARE and PDA processes and work on Climate Bay Area. She spoke of State collaboration involving GHG verification trainings, work with ARB advising local governments on their climate toolkits, how to best facilitate implementation of AB 32 scoping plan measures, and through CAPCOA, working with a company to develop guidelines for various policies that might be included in general plans which will assist local governments in developing their Climate Action plans.

Ms. Roggenkamp stated that the District has very much appreciated the enthusiasm, leadership and support of the Climate Protection Committee and reported that a workshop on CEQA thresholds with planning directors will occur next Tuesday; December 15, 2009 at the Transportation Authority office, 100 Van Ness Avenue.

Committee Comments/Discussion:

Chairperson Kishimoto thanked staff and Committee members for an exciting and successful year. Directors thanked Chairperson Kishimoto for her leadership and service as Chair.

Committee Action: None; for information only.

Committee Members' Comments: None

Time and Place of Next Meeting: 9:30 a.m. – Thursday, January 14, 2010
939 Ellis Street, San Francisco, CA 94109

Adjournment: The meeting was adjourned at 11:05 a.m.

Lisa Harper
Clerk of the Boards

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Memorandum

To: Chairperson Torliatt and Members
of the Climate Protection Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: February 22, 2010

Re: Transportation 2035 Climate Initiatives Grant Funding

RECOMMENDED ACTION

None. For information only.

BACKGROUND

On April 22, 2009, the Metropolitan Transportation Commission (MTC) approved the Transportation 2035 Plan (Plan) for the San Francisco Bay Area. The Plan includes \$400 million earmarked toward the Transportation Climate Action Campaign to implement a comprehensive regional climate initiative focusing on individual actions, public-private partnerships, and incentives and grants for innovative climate strategies. This campaign was developed as a partnership between all four regional agencies.

In October 2009, MTC established the Climate Initiatives Working Group, chaired by MTC Commissioner Kinsey with participation from the Air District, JPC, TransForm, and CMAs. The Working Group recommended an \$80 million program for the first three years (2009-2011) of RTP 2035 funding as an initial component of the Transportation Climate Action Campaign, with four primary elements: 1) Public Education / Outreach; 2) Safe Routes to Schools; 3) Innovative Grants; and 4) Climate Action Program Evaluation.

DISCUSSION

In February, 2010, MTC convened several meetings of a staff-level working group to develop a request for proposals and guidelines to solicit projects throughout the Bay Area for the Innovative Grants element of the regional Transportation Climate Action Campaign. Grant funding in the amount of \$35 million will be available for three program areas:

Safe Routes to Schools Creative Grants - \$2 million
Youth Education Grants - \$3 million
Innovative Grants - \$30 million

AGENDA:

As a partner in this funding program, the Air District will participate at the staff level in review and selection of projects, and in the development of an evaluation component of the grant program.

Staff will brief the Climate Protection Committee on the draft solicitation and review guidelines for this regional grant program.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None. Air District staff resources will be funded out of the approved FYE 2010 budget and funding for the grant projects will be funded through MTC's Transportation Climate Action Campaign.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Abby Young
Reviewed by: Henry Hilken

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Memorandum

To: Chairperson Torliatt and
Members of the Climate Protection Committee

From: Jack Broadbent, Executive Officer/APCO

Date: March 3, 2010

Subject: Status Report On the Implementation of Greenhouse Gas Regulations for
Stationary Sources

RECOMMENDED ACTION:

Informational Report; receive and file.

BACKGROUND:

To ensure effective implementation of the AB32 Greenhouse Gas (GHG) Scoping Plan, the California Air Resources Board (CARB) has worked with local Air Districts and the California Air Pollution Control Officers Association (CAPCOA) to plan and delineate rule development and compliance responsibilities, and develop the detailed implementation timeline. Seventy-two measures are listed in the timeline, many apply to stationary sources, and some have potential for significant impact on stationary sources in the Bay Area. In addition, Federal regulations under development may result in additional permit requirements for Bay Area facilities with GHG emissions.

DISCUSSION

There are numerous GHG reduction measures that require coordinated efforts between CARB and the local air districts to implement, track, and identify opportunities for emission reductions. Recent work has included measures that focus on petroleum refineries, semiconductor operations, landfills, natural gas transmission, oil and gas extraction operations, refrigerant management, and regional transportation. Staff has been working closely with CARB and CAPCOA on all these measures and anticipates additional staff resource impacts as GHG regulations are implemented.

On December 6, 2007, CARB approved the *Mandatory Reporting of Greenhouse Gas Emissions* regulation. Facilities subject to mandatory reporting are required to have their GHG emissions report verified beginning in 2010 for their 2009 reported emissions. These reports will improve existing GHG inventories, which will be an element in developing CARB's proposed Cap-and-Trade regulation.

On September 30, 2009, EPA announced a proposal that would establish permitting requirements under the Clean Air Act for facilities emitting over 25,000 short tons of GHGs a year. The number of facilities in the Bay Area requiring Title V or Synthetic Minor Operating Permits based on GHG emissions would likely more than double from the current number of 128. The number of projects that would trigger PSD permitting requirements in the Bay Area is more difficult to predict, but an increase of 5 to 10 projects per year is considered to be a reasonable estimate. Adoption of a national Climate Protection Program would likely remove EPA's authority to establish these permit requirements for GHGs under the Clean Air Act.

NEXT STEPS:

Staff will provide a status update on the District's participation and progress in reducing GHG emissions from stationary sources in the Bay Area.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Alex Ezersky
Reviewed by: Kelly Wee