



BOARD OF DIRECTORS  
CLIMATE PROTECTION COMMITTEE  
COMMITTEE MEMBERS

BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

TERESA BARRETT - CHAIR  
JOHN GIOIA  
DAVID HUDSON  
MARK ROSS

ROD SINKS - VICE CHAIR  
SCOTT HAGGERTY  
KATIE RICE  
BRAD WAGENKNECHT

WEDNESDAY  
MARCH 22, 2017  
10:30 A.M.

1<sup>ST</sup> FLOOR YERBA BUENA ROOM  
375 BEALE STREET  
SAN FRANCISCO, CA 94105

**AGENDA**

1. **CALL TO ORDER - ROLL CALL – PLEDGE OF ALLEGIANCE**

*The Committee Chair shall call the meeting to order and the Clerk of the Boards shall take roll of the Committee members. The Committee Chair shall lead the Pledge of Allegiance.*

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

*(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 Air District headquarters, 375 Beale 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.*

*This meeting will be webcast. To see the webcast, please visit <http://www.baaqmd.gov/about-the-air-district/board-of-directors/resolutionsagendasminutes> at the time of the meeting.*

**Staff/Phone (415) 749-**

3. **APPROVAL OF THE MINUTES OF NOVEMBER 17, 2016**

**Clerk of the Boards/5073**

*The Committee will consider approving the draft minutes of the Climate Protection Committee meeting of November 17, 2016.*

4. **AIR RESOURCES BOARD 2017 CLIMATE CHANGE SCOPING PLAN UPDATE**

J. Roggenkamp/4646

[jroggenkamp@baaqmd.gov](mailto:jroggenkamp@baaqmd.gov)

*California Air Resources Board staff will brief the Committee on the recently released draft 2017 Climate Change Scoping Plan Update.*

5. **AIR DISTRICT SUPPORT FOR LOCAL GOVERNMENT CLIMATE PROTECTION ACTIVITIES**

J. Roggenkamp/4646

[jroggenkamp@baaqmd.gov](mailto:jroggenkamp@baaqmd.gov)

*Staff will brief the Committee on projects and programs to support local climate protection activities, as proposed in the draft 2017 Clean Air Plan.*

6. **COMMITTEE MEMBER COMMENTS / OTHER BUSINESS**

*Any member of the Board, 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**

*May 18, 2017, Bay Area Air Quality Management District Office, 375 Beale Street, San Francisco, California 94105 at 9:30 a.m.*

8. **ADJOURNMENT**

*The Committee meeting shall be adjourned by the Committee Chair.*

## **CONTACT:**

**MANAGER, EXECUTIVE OPERATIONS**  
**375 BEALE STREET, SAN FRANCISCO, CA 94105**  
[mmartinez@baaqmd.gov](mailto:mmartinez@baaqmd.gov)

**(415) 749-5016**  
**FAX: (415) 928-8560**  
**BAAQMD homepage:**  
[www.baaqmd.gov](http://www.baaqmd.gov)

- To submit written comments on an agenda item in advance of the meeting. Please note that all correspondence must be addressed to the “Members of the Climate Protection Committee” and received at least 24 hours prior, excluding weekends and holidays, in order to be presented at that Board meeting. Any correspondence received after that time will be presented to the Board at the following meeting.
- To request, in advance of the meeting, to be placed on the list to testify on an agenda item.
- 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 375 Beale Street, Suite 600, San Francisco, CA 94105, at the time such writing is made available to all, or a majority of all, members of that body.

### **Accessibility and Non-Discrimination Policy**

The Bay Area Air Quality Management District (Air District) does not discriminate on the basis of race, national origin, ethnic group identification, ancestry, religion, age, sex, sexual orientation, gender identity, gender expression, color, genetic information, medical condition, or mental or physical disability, or any other attribute or belief protected by law.

It is the Air District’s policy to provide fair and equal access to the benefits of a program or activity administered by Air District. The Air District will not tolerate discrimination against any person(s) seeking to participate in, or receive the benefits of, any program or activity offered or conducted by the Air District. Members of the public who believe they or others were unlawfully denied full and equal access to an Air District program or activity may file a discrimination complaint under this policy. This non-discrimination policy also applies to other people or entities affiliated with Air District, including contractors or grantees that the Air District utilizes to provide benefits and services to members of the public.

Auxiliary aids and services including, for example, qualified interpreters and/or listening devices, to individuals who are deaf or hard of hearing, and to other individuals as necessary to ensure effective communication or an equal opportunity to participate fully in the benefits, activities, programs and services will be provided by the Air District in a timely manner and in such a way as to protect the privacy and independence of the individual. Please contact the Non-Discrimination Coordinator identified below at least three days in advance of a meeting so that arrangements can be made accordingly.

If you believe discrimination has occurred with respect to an Air District program or activity, you may contact the Non-Discrimination Coordinator identified below or visit our website at [www.baaqmd.gov/accessibility](http://www.baaqmd.gov/accessibility) to learn how and where to file a complaint of discrimination.

Questions regarding this Policy should be directed to the Air District’s Non-Discrimination Coordinator, Rex Sanders, at (415) 749-4951 or by email at [rsanders@baaqmd.gov](mailto:rsanders@baaqmd.gov).

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**  
**375 BEALE STREET, SAN FRANCISCO, CALIFORNIA 94105**  
**FOR QUESTIONS PLEASE CALL (415) 749-5016 or (415) 749-4941**

**EXECUTIVE OFFICE:**  
**MONTHLY CALENDAR OF AIR DISTRICT MEETINGS**

**MARCH 2017**

<b><u>TYPE OF MEETING</u></b>	<b><u>DAY</u></b>	<b><u>DATE</u></b>	<b><u>TIME</u></b>	<b><u>ROOM</u></b>
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	15	9:45 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Executive Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month) - CANCELLED</i>	Monday	20	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Climate Protection Committee</b> <i>(Meets on the 3<sup>rd</sup> Thursday of Every Other Month) - CANCELLED AND RESCHEDULED TO WEDNESDAY, MARCH 22, 2017 AT 10:30 A.M.</i>	Monday	20	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Stationary Source Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i>	Monday	20	10:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets on the 4<sup>th</sup> Wednesday of each Month)</i>	Wednesday	22	9:30 a.m.	1st Floor, Yerba Buena Room #109
<b>Board of Directors Climate Protection Committee</b> <i>(Meets on the 3<sup>rd</sup> Thursday of Every Other Month)</i>	Wednesday	22	10:30 a.m.	1st Floor, Yerba Buena Room #109
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i>	Thursday	23	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Personnel Committee</b> <i>(Meets At the Call of the Chair)</i>	Friday	24	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Legislative Committee</b> <i>(At the Call of the Chair)</i>	Thursday	30	9:30 a.m.	1 <sup>st</sup> Floor Board Room

**APRIL 2017**

<b><u>TYPE OF MEETING</u></b>	<b><u>DAY</u></b>	<b><u>DATE</u></b>	<b><u>TIME</u></b>	<b><u>ROOM</u></b>
<b>Advisory Council Mtg.</b> <i>(Meets on the 1<sup>st</sup> Monday of Every Other Month)</i>	Monday	3	10:00 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	5	9:45 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Executive Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i>	Monday	17	9:30 a.m.	1 <sup>st</sup> Floor Board Room

## APRIL 2017

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Stationary Source Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i>	Monday	17	10:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	19	9:45 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets on the 4<sup>th</sup> Wednesday of each Month)</i>	Wednesday	26	9:30 a.m.	1st Floor, Yerba Buena Room #109
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i>	Thursday	27	9:30 a.m.	1 <sup>st</sup> Floor Board Room

## MAY 2017

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	3	9:45 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Executive Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i>	Monday	15	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Stationary Source Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i>	Monday	15	10:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	17	9:45 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Climate Protection Committee</b> <i>(Meets on the 3<sup>rd</sup> Thursday of every other Month)</i>	Thursday	18	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets on the 4<sup>th</sup> Wednesday of each Month)</i>	Wednesday	24	9:30 a.m.	1st Floor, Yerba Buena Room #109
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i>	Thursday	25	9:30 a.m.	1 <sup>st</sup> Floor Board Room

KF – 3/6/17 (4:16 p.m.)

G/Board/Executive Office/Moncal

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**  
Memorandum

To: Chairperson Teresa Barrett and Members  
of the Climate Protection Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: February 21, 2017

Re: Approval of the Minutes of November 17, 2016

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RECOMMENDED ACTION

Approve attached draft minutes of the Climate Protection Committee (Committee) meeting of November 17, 2016.

DISCUSSION

Attached for your review and approval are the draft minutes of the Committee meeting of November 17, 2016.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Marcy Hiratzka  
Reviewed by: Maricela Martinez

Attachment 3A: Draft Minutes of the Committee Meeting of November 17, 2016

Draft Minutes – Climate Protection Committee Meeting of November 17, 2016

Bay Area Air Quality Management District  
375 Beale Street, Suite 600  
San Francisco, California 94105  
(415) 749-5073

**DRAFT MINUTES**

Summary of Board of Directors  
Climate Protection Committee Meeting  
Thursday, November 17, 2016

**1. CALL TO ORDER – ROLL CALL**

Climate Protection Committee (Committee) Vice Chairperson, John Avalos, called the meeting to order at 9:40 a.m.

Present: Vice-Chairperson John Avalos, and Directors Teresa Barrett, Scott Haggerty, Katie Rice, and Rod Sinks.

Absent: Chairperson Jan Pepper, and Directors David J. Canepa, John Gioia, and Mark Ross.

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

Janet Stromberg, 350 Bay Area, recognized the fact that the California Air Resources Board (CARB) has stated at a recent Scoping Plan meeting that CARB will welcome local jurisdictions' efforts to help meet the State's 2030 goals.

Jed Holtzman, 350 Bay Area, expressed his hope that the Climate Protection Committee will be the primary entity overseeing the preparation of the Regional Climate Protection Strategy, and that the Bay Area will create robust, innovative climate solutions that will serve as examples to the country.

**3. SOLAR ENERGY MASTER PLANS FOR BAY AREA SCHOOLS (OUT OF ORDER, ITEM 4)**

NOTED PRESENT: Director Haggerty was noted present at 10:00 a.m.

Henry Hilken, Director of Planning and Climate Protection introduced Tom Kelly, Executive Director of KyotoUSA, who gave the presentation *Solar in Schools: Solar Master Plans for Bay Area Schools*, including: BAAQMD-KyotoUSA partnership; Bay Area school districts face challenges to going solar; how the project helps schools overcome these challenges; benefits of solar on schools; navigating potential funding sources; Solar Master Plan examples and environmental benefits in Novato and San Ramon Valley Unified School Districts; BAAQMD-KyotoUSA partnership key outcomes; and thanks to the District.

Public Comments:

Alamo resident, Lisa Mason, described her family’s involvement with the KyotoUSA solar panel project at Monte Vista High School within the San Ramon Valley Unified School District, and the school’s evolving outlook on renewable energy projects, thanks to student participation.

Committee Comments:

The Committee and staff discussed the probability of public private partnership projects being successful, as the cost of solar has gone down; the benefit of KyotoUSA partnering with Bay Area Community Choice Aggregation agencies prior to reaching out to school districts; power generation trends in schools and corresponding utility incentives; the reluctance of municipal-owned utilities to support the solarization of schools; methods of evaluating candidacy and enhanced outreach to ideal school candidates; barriers for schools that wish to implement solar; the fact that the San Francisco Unified School District’s partnered with the California Public Utilities Commission to install solar systems; the reasons why only 19 of the 68 school districts that were assessed developed full solar master plans, despite KyotoUSA’s outreach, and which school districts were the most accommodating; the Committee members’ interest in reaching out to the school districts in their own jurisdictions to ensure that no interest was left unnoticed; water requirements for natural gas producing electricity; whether or not each county in the Bay Area has access to utility grants for energy efficiency upgrades, and whether or not the District promotes and supports such municipal programs.

Committee Action:

None; receive and file.

**4. APPROVAL OF THE MINUTES OF SEPTEMBER 15, 2016 (ITEM 3)**

Public Comments:

No requests received.

Committee Comments:

None.

Committee Action:

Director Haggerty made a motion, seconded by Director Rice, to approve the minutes of September 15, 2016; and the motion carried by the following vote of the Committee:

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

**5. SUMMARY OF CLIMATE FORWARD BAY AREA: A LEADERSHIP FORUM**



Jean Roggenkamp, Deputy Executive Officer, introduced Lisa Fasano, Communications Officer, who gave the staff presentation *Climate Forward Bay Area: A Leadership Forum*, including: survey responses; forum highlights; breakout session; keynote results and responses; lessons learned, and by the numbers. Ms. Fasano thanked Director Rice and Director Haggerty for facilitating two of the four breakout sessions.

Public Comments:

Jed Holtzman, 350 Bay Area, thanked the District for the changes that were made to accommodate 350 Bay Area's request for equal representation at the conference, said that he was pleasantly surprised at the tenor of the discussions, and that, after hearing the Metropolitan Transportation Commission's (MTC) views on reducing transportation emissions, he hopes that the District will be able to influence MTC into different ways of thinking.

Committee Comments:

The Committee and staff discussed the effectiveness of Van Jones' keynote speech and Committee's request to post the video on the District's website; the District's plan to host a brown bag event at which the recordings of the three plenary sessions and Mr. Jones' speech would be shown in order to generate further discussion from the public; how the conference's collaboration of organizations and general success exceeded the Committee's expectations; the need for higher attendance in the future, especially representation from the technology industry, and perhaps drawing on an audience from outside the Bay Area; poor timing, due to election season; and the number of scholarships and discounted rates that were issued.

Committee Action:

None; receive and file.

**6. COMMITTEE MEMBER COMMENTS / OTHER BUSINESS**

Director Avalos announced that this is his final Climate Protection Committee meeting serving as Committee member, as he will be terming out of office in January 2017. He thanked the Committee, staff, and the public, where upon, the Committee thanked Director Avalos for his contributions and leadership on this Committee.

**7. TIME AND PLACE OF NEXT MEETING**

Thursday, January 19, 2017, Bay Area Air Quality Management District Headquarters, 375 Beale Street, San Francisco, California 94105 at 9:30 a.m.

**8. ADJOURNMENT**

The meeting adjourned at 10:51 a.m.

Marcy Hiratzka  
Clerk of the Boards

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

To: Chairperson Teresa Barrett and Members  
of the Climate Protection Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: February 21, 2017

Re: Air Resources Board 2017 Climate Change Scoping Plan Update

**RECOMMENDED ACTION**

None; receive and file.

**BACKGROUND**

In 2006, the California State Legislature adopted AB 32, which established a statewide target of reducing greenhouse gas (GHG) emissions to 1990 levels by 2020. The legislation also called on the Air Resources Board (ARB) to prepare and lead the implementation of a “scoping plan” that would describe the approach the state would take to reduce GHG emissions and achieve the 2020 target. AB 32 requires the Scoping Plan to be regularly updated. ARB updated the Scoping Plan in 2014.

In 2015, the Legislature adopted SB 32, which codified a longer term GHG reduction target, to reduce statewide emissions 40% below 1990 levels by 2030. Along with SB 32, the Legislature passed AB 197, which added direction to further update the Scoping Plan. ARB is currently developing an update to the Scoping Plan, which has been publically released as the *2017 Climate Change Scoping Plan Update*. The 2017 Update proposes a strategy for achieving the 2030 GHG reduction target.

**DISCUSSION**

The *2017 Climate Change Scoping Plan Update* lays out a comprehensive approach for how state agencies, regional governments, air districts, and local governments will all contribute to helping the state achieve the 2030 target. The 2017 Update includes emission reduction strategies across all economic sectors, including several major policies affecting the stationary source sector. Numerous interagency working groups have been set up to develop the specific policies and measures that will be implemented to realize the full scope of the 2017 Update. ARB staff will present on the 2017 Update, its key programs and status.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

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 Teresa Barrett and Members  
of the Climate Protection Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: February 17, 2017

Re: Air District Support for Local Government Climate Protection Activities

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Supporting local government climate protection efforts has been a cornerstone of the Air District's Climate Protection Program since its inception in 2005. Over the past 12 years, the Air District has provided quantitative tools, planning guidance, technical training, networking opportunities, information-sharing and technical assistance to local governments to develop and implement local climate action plans and greenhouse gas (GHG) reduction strategies. In 2007, the Air District provided \$3 M in more than 50 grants to local governments and community organizations to further local climate planning and implementation activities.

DISCUSSION

The Air District's Draft 2017 Clean Air Plan (2017 Plan) includes many non-regulatory control measures that identify activities the Air District will undertake to support local governments in achieving GHG and air pollutant emission reductions. This work will include developing and promoting best practices and model ordinances, and providing planning guidance in the areas of renewable energy, energy efficiency, water conservation and waste reduction. Staff will present on local government climate planning activities and key aspects of the 2017 Plan control strategy relating to the Air District's continued support of local government climate protection work.

BUDGET CONSIDERATION/FINANCIAL IMPACT

Resources to support local climate protection activities are included in the Fiscal Year Ending (FYE) 2017 budget and will be included in the proposed FYE 2018 budget.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Abby Young  
Reviewed by: Henry Hilken