



BOARD OF DIRECTORS
CLIMATE PROTECTION COMMITTEE MEETING

BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

COMMITTEE MEMBERS

TERESA BARRETT – CHAIR
SCOTT HAGGERTY
DOUG KIM
KATIE RICE
BRAD WAGENKNECHT
SHIRLEE ZANE

JOHN GIOIA – VICE CHAIR
DAVID HUDSON
LIZ KNISS
MARK ROSS
LORI WILSON

THURSDAY
SEPTEMBER 19, 2019
9:30 A.M.

1ST FLOOR BOARD ROOM
375 BEALE STREET
SAN FRANCISCO, CA 94105

AGENDA

1. CALL TO ORDER - ROLL CALL

PLEDGE OF ALLEGIANCE

PUBLIC MEETING PROCEDURE

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.

This meeting will be webcast. To see the webcast, please visit www.baaqmd.gov/bodagendas at the time of the meeting. Closed captioning may contain errors and omissions, and are not certified for their content or form.

Public Comment on Agenda Items *The public may comment on each item on the agenda as the item is taken up. Public Comment Cards for items on the agenda must be submitted in person to the Clerk of the Boards at the location of the meeting and prior to the Board taking up the particular item. Where an item was moved from the Consent Calendar to an Action item, no speaker who has already spoken on that item will be entitled to speak to that item again.*

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

Public Comment on Non-Agenda Items, Pursuant to Government Code Section 54954.3 *For the first round of public comment on non-agenda matters at the beginning of the agenda, ten persons selected by a drawing by the Clerk of the Boards from among the Public Comment Cards indicating they wish to speak on matters not on the agenda for the meeting will have two minutes each to address the Board on matters not on the agenda. For this first round of public comments on non-agenda matters, all Public Comment Cards must be submitted in person to the Clerk of the Board at the location of the meeting and prior to commencement of the meeting.*

Staff/Phone (415) 749-

3. **APPROVAL OF THE MINUTES OF JUNE 10, 2019**

Clerk of the Boards/5073

The Committee will consider approving the attached draft minutes of the Climate Protection Committee meeting of June 10, 2019.

4. **BRIEFING ON THE CITY OF BERKELEY'S ORDINANCE BANNING NATURAL GAS IN NEW CONSTRUCTION**

J. Broadbent/5052

jbroadbent@baaqmd.gov

A representative from the City of Berkeley will present on the recently-adopted ordinance that bans natural gas in new construction in the City. The briefing will include key components of the ordinance, challenges in getting it adopted, and the next steps in implementing its requirements.

5. **UPDATE ON REGION-WIDE FLUORINATED GASES (F-STRATEGY)**

J. Broadbent/5052

jbroadbent@baaqmd.gov

Staff will provide an update on fluorinated gases as important climate pollutants in the Bay Area, and a strategic framework to coordinate and prioritize their mitigation.

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

Speakers who did not have the opportunity to address the Board in the first round of comments on non-agenda matters will be allowed two minutes each to address the Board on non-agenda matters.

7. **COMMITTEE MEMBER COMMENTS**

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)

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

Thursday, November 21, 2019, at 375 Beale Street, San Francisco, CA 94105 at 9:30 a.m.

9. **ADJOURNMENT**

The Committee meeting shall be adjourned by the Committee Chair.

CONTACT:

MANAGER, EXECUTIVE OPERATIONS
375 BEALE STREET, SAN FRANCISCO, CA 94105
vjohnson@baaqmd.gov

(415) 749-4941
FAX: (415) 928-8560
BAAQMD homepage:
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 Committee meeting. Any correspondence received after that time will be presented to the Committee 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 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

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

375 BEALE STREET, SAN FRANCISCO, CA 94105

FOR QUESTIONS PLEASE CALL (415) 749-4941

EXECUTIVE OFFICE:

MONTHLY CALENDAR OF AIR DISTRICT ANTICIPATED MEETINGS

SEPTEMBER 2019

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Community & Public Health Committee	Thursday	12	9:30 a.m.	1 st Floor, Yerba Buena Room #109
Board of Directors Stationary Source Committee	Monday	16	10:00 a.m.	Milpitas City Hall Council Chambers 455 E. Calaveras Blvd. Milpitas, CA 95035
Board of Directors Executive Committee - CANCELLED	Wednesday	18	9:30 a.m.	1 st Floor Board Room
Board of Directors Ad Hoc Building Oversight Committee	Wednesday	18	9:00 a.m.	1 st Floor Board Room
Board of Directors Regular Meeting	Wednesday	18	9:30 a.m.	1 st Floor Board Room
Board of Directors Climate Protection Committee	Thursday	19	9:30 a.m.	1 st Floor Board Room
Board of Directors Budget & Finance Committee - CANCELLED	Wednesday	25	9:30 a.m.	1 st Floor, Yerba Buena Room #109
Board of Directors Mobile Source Committee	Thursday	26	9:30 a.m.	1 st Floor Board Room

OCTOBER 2019

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Special Meeting	Wednesday	2	9:30 a.m.	The Waterfront Hotel Spinnaker Room 10 Washington St. Oakland, CA 94607
Board of Directors Technology Implementation Office (TIO) Steering Committee	Friday	4	9:30 a.m.	1st Floor Board Room
Board of Directors Legislative Committee	Wednesday	9	9:30 a.m.	1st Floor, Yerba Buena Room #109
Board of Directors Executive Committee	Wednesday	16	9:30 a.m.	1st Floor Board Room
Board of Directors Budget & Finance Committee	Wednesday	23	9:30 a.m.	1st Floor, Yerba Buena Room #109
Board of Directors Mobile Source Committee	Thursday	24	9:30 a.m.	1st Floor Board Room
Advisory Council Meeting	Monday	28	10:00 a.m.	1st Floor Board Room
Board of Directors Community & Public Health Committee	Wednesday	30	9:30 a.m.	1st Floor Board Room

HL – 9/11/2019 – 9:40 a.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: September 9, 2019

Re: Approval of the Minutes of June 10, 2019

RECOMMENDED ACTION

Approve the attached draft minutes of the Climate Protection Committee (Committee) meeting of June 10, 2019.

DISCUSSION

Attached for your review and approval are the draft minutes of the Committee meeting of June 10, 2019.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Marcy Hiratzka
Reviewed by: Vanessa Johnson

Attachment 3A: Draft Minutes of the Committee Meeting of June 10, 2019

AGENDA: 3A – ATTACHMENT

Draft Minutes – Climate Protection Committee Meeting of June 10, 2019

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
Monday, June 10, 2019

1. CALL TO ORDER – ROLL CALL

Climate Protection Committee (Committee) Chairperson, Teresa Barrett, called the meeting to order at 9:30 a.m.

Present: Chairperson Teresa Barrett; Vice Chair John Gioia; and Directors Scott Haggerty, David Hudson, Doug Kim, Katie Rice, and Mark Ross.

Absent: Directors Liz Kniss, Brad Wagenknecht, Lori Wilson, and Shirlee Zane.

Also Present: None.

2. PUBLIC COMMENT ON NON-AGENDA ITEMS, PURSUANT TO GOVERNMENT CODE SECTION 54954.3

No requests received.

3. APPROVAL OF THE MINUTES OF APRIL 22, 2019

Public Comments

No requests received.

Committee Comments

None.

Committee Action

Director Haggerty made a motion, seconded by Vice Chair Gioia, to approve the Minutes of April 22, 2019; and the motion carried by the following vote of the Committee:

AYES: Barrett, Gioia, Haggerty, Kim, Rice.
NOES: None.
ABSTAIN: None.
ABSENT: Hudson, Kniss, Ross, Wagenknecht, Wilson, Zane.

4. UPDATE ON COMMUNITY CHOICE ENERGY (CCE) STUDY

Greg Nudd, Deputy Air Pollution Control Officer of Policy, introduced Ben Foster, Fosterra President, and Abby Young, Climate Protection Manager, who gave the joint presentation *Update on Community Choice Energy Study*, including: Air District support of CCE; CCE study; 100% Renewable Power Study for Seven Cities in East Bay Community Energy (EBCE); cities are working harder than ever to reach carbon-free power goals and CCEs provide an expedited way to get there; report scope and goals; why this is important; EBCE product options; key findings and impact; actions taken as a result of the study; EBCE enrollment process in March 2018; and looking forward.

Public Comments

Public comments were given by Jed Holtzman, 350 Bay Area; and Tom Kelly, KyotoUSA.

Committee Comments

The Committee and staff discussed whether CCE agencies may legally switch their customers' electric generation fuel supply to 100% of renewably powered electricity without first informing them; whether the Executive Director of EBCE was invited to attend this meeting, and the request that this study be sent to him; the confusion and community pushback over the EBCE "opt-out" rate for the City of Livermore; which agency owns the study; whether CCEs provide their customers with comparative rates that they would be paying the investor-owned utility company (Pacific Gas & Electric); the manner in which residents' options to enroll or opt out are determined upon the creation of a new CCE; whether CCEs are having difficulty supplying their customers' demands for 100% renewable energy; and how money saved from participating in a CCE program can be reinvested back into community projects.

NOTED PRESENT: Director Ross was noted present at 9:39 a.m.; Director Hudson was noted present at 9:55 a.m.

Committee Action

None; receive and file.

5. DIESEL FREE BY '33 IMPLEMENTATION PLAN

Damian Breen, Deputy Air Pollution Control Officer for Technology, introduced Dr. Ranyee Chiang, Technology Implementation Officer; who gave the staff presentation *Diesel Free by '33 Implementation Plan*, including: Diesel Free by '33 initiative history and Statement of Purpose; 118 signatories; implementation plan goals and program areas (technical assistance, policy support, grants and financing, convene signatories, communications and outreach); and next steps.

Public Comments

Public comments were given by Jed Holtzman, 350 Bay Area.

Committee Comments

The Committee and staff discussed the request that the Air District works with the California Air Resources Board to develop a set of air pollution emission reduction measures for warehouses and distribution centers (some in Assembly Bill 617 communities) that emit Diesel Particulate Matter (DPM) and would be required to implement cleaner technologies; and how the Air District can be proactive in helping jurisdictions update their climate action plans, and the suggestion that the Air District helps new facilities reach zero-emissions and bridge any gaps for city and county planners.

Committee Actions

None; receive and file.

6. PUBLIC COMMENT ON NON-AGENDA ITEMS, PURSUANT TO GOVERNMENT CODE SECTION 54954.3

No requests received.

7. COMMITTEE MEMBER COMMENTS / OTHER BUSINESS

None.

8. TIME AND PLACE OF NEXT MEETING

Thursday, September 19, 2019, at 375 Beale Street, San Francisco, CA 94105 at 9:30 a.m.

9. ADJOURNMENT

The meeting adjourned at 10:26 a.m.

Marcy Hirtzka
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: September 9, 2019

Re: Briefing on the City of Berkeley's Ordinance Banning Natural Gas in New
Construction

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Use of natural gas in buildings for space and water heating and for powering appliances is a major source of greenhouse gas (GHG) emissions in the Bay Area and California. In 2018, Governor Brown signed Senate Bill (SB) 100, which calls for 100 percent zero-carbon electricity in California by 2045. Today, nearly all Bay Area electricity customers are served by community choice energy programs or municipal utilities that are on a path toward achieving the State's zero-carbon electricity target ahead of schedule. As the electricity supply becomes less carbon intensive, switching building end uses away from natural gas to electricity becomes an increasingly important GHG mitigation strategy. In September 2018, Governor Brown signed SB 1477 into law, which will provide \$200 million in funding to support zero- or near-zero carbon buildings in California.

DISCUSSION

Air District staff works with local governments, building sector experts and key stakeholders to reduce GHG emissions from the buildings sector. Through the Air District's Climate Protection Grant Program, the Air District is funding numerous projects to reduce carbon dioxide and other GHG emissions from buildings through fuel switching from natural gas to electricity.

On July 16, 2019, Berkeley became the first city in the United States to ban the use of natural gas in new low-rise buildings. Berkeley's Ordinance 7,672-N.S. adds a new chapter to the municipal building code prohibiting natural gas infrastructure in new buildings effective January 1, 2020. The legislation's sponsor, Berkeley Council Member Kate Harrison, will present to the Committee on the key components of the ordinance, important stakeholder groups and outreach methods, and next steps for implementing the new building requirements.

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: September 9, 2019

Re: Update on Region-Wide Fluorinated Gases (F-Strategy)

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

The regional 2017 Clean Air Plan, *Spare the Air – Cool the Climate*, serves as the Air District’s blueprint for mitigating climate pollutants in the Bay Area. The Air District is strategically prioritizing and implementing the many control measures and implementation actions contained in the Clean Air Plan. This approach includes developing a region-wide strategy to reduce fluorinated gases (F-gases).

F-gases include a variety of human-made compounds; they are especially potent, and they play an important role in heating the climate in the near term. F- gases include hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF6). F-gas emissions are generated in refrigeration, air conditioning and by a variety of industrial processes. Emissions of F-gases are small on a mass basis, but they are potent agents of climate change on a per-unit basis, in many cases thousands of times more potent than carbon dioxide. These high global warming pollutant (GWP) gases accounted for 4% of all Bay Area greenhouse gas (GHG) emissions in 2015, and are the fastest-growing GHGs in the Bay Area and California.

DISCUSSION

In 2016, Governor Brown signed Senate Bill (SB) 1383 into law, which sets targets for statewide reductions of short-lived climate pollutants emissions, including F-gases, of 40% below 2013 levels by 2030. To support achieving this target, the California Air Resources Board (CARB) developed the short-lived Climate Pollutant Reduction Strategy in 2017. According to CARB, “Action to reduce these powerful “super pollutants” today will provide immediate benefits as the effects of our policies to reduce long-lived GHGs further unfold.”

Staff is developing a region-wide strategy to build upon existing efforts and to focus and prioritize important F-gas mitigation activities consistent with the Air District’s Clean Air Plan and CARB’s short-lived Climate Pollutant Strategy. For example, several current climate protection grants

provide funding to projects that target F-gas emissions in commercial and residential refrigeration systems and appliances, and staff expects to build upon the outcomes of these projects. Staff will brief the Committee on current F-gas reduction efforts, on the development of the region-wide F-gas Strategy, and on potential opportunities for reducing F-gas emissions.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None. Resources to develop the Region-wide F-gas Strategy are included in the Fiscal Year Ending (FYE) 2019 budget.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Abby Young
Reviewed by: Henry Hilken