



BOARD OF DIRECTORS
CLIMATE PROTECTION COMMITTEE MEETING

BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

COMMITTEE MEMBERS

TERESA BARRETT – CHAIR
SCOTT HAGGERTY
DAVINA HURT
KATIE RICE
BRAD WAGENKNECHT

JOHN GIOIA – VICE CHAIR
DAVID HUDSON
LIZ KNISS
MARK ROSS
SHIRLEE ZANE

**THIS MEETING WILL BE CONDUCTED UNDER PROCEDURES AUTHORIZED BY
EXECUTIVE ORDER N-29-20 ISSUED BY
GOVERNOR GAVIN NEWSOM**

- **MEMBERS OF THE COMMITTEE MUST PARTICIPATE BY
TELECONFERENCE**
- **THE PUBLIC MAY OBSERVE THIS MEETING THROUGH THE WEBCAST
OF THE MEETING BY CLICKING THE LINK AVAILABLE ON THE AIR
DISTRICT'S AGENDA WEBPAGE FOR THE MEETING AVAILABLE AT**

www.baaqmd.gov/bodagendas

**PLEASE CLICK THE LINK BELOW TO JOIN THE WEBINAR
WEBINAR ID: 98552675107**

<https://bayareametro.zoom.us/j/98552675107>

- **PUBLIC COMMENTS WILL BE TAKEN DURING THE TELECONFERENCE.
INSTRUCTIONS WILL BE PROVIDED ON HOW TO COMMENT AT THE
START OF THE MEETING. COMMENTS MAY ALSO BE SUBMITTED AT**

Comments@baaaqmd.gov

**THURSDAY
JUNE 18, 2020
11:30 A.M.**

AGENDA

1. CALL TO ORDER - ROLL CALL

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.

***Comment on Agenda Items:** The public may comment on each item on the agenda. Email Comments for items on the agenda must be submitted to Comments@baaqmd.gov prior to the Committee taking up the particular item and indicate the agenda item to which the comment relates. Emailed comments will be considered as the agenda item is taken up by the Committee. Emailed comments containing 250 words or less will be read aloud by staff. Emailed comments exceeding 250 words may be summarized during the meeting, if feasible. Comments may also be made during the teleconference. Instructions will be provided at the start of the meeting.*

2. APPROVAL OF THE MINUTES OF APRIL 22, 2020

Clerk of the Boards/5073

The Committee will consider approving the attached draft minutes of the Climate Protection Committee meeting of April 22, 2020.

3. UPDATE ON HEAT PUMP WATER HEATER GRANTS

**J. Broadbent/5052
jbroadbent@baaqmd.gov**

Staff and grantees will provide an update on the Air District's Climate Protection Grants to support heat pump water heater use as part of the Air District's Building Decarbonization Program.

4. PUBLIC COMMENT ON NON-AGENDA MATTERS

Emailed comments indicating the comment pertains to non-agenda matters will be considered under this item. Emailed comments containing 250 words or less will be read aloud by staff. Emailed comments exceeding 250 words may be summarized during the meeting, if feasible. Comments may also be made during the teleconference. Instructions will be provided at the start of the meeting.

5. **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)

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

At the Call of the Chair.

7. **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

- 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 MEETINGS

JUNE 2020

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Stationary Source Committee	Wednesday	17	9:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Special Meeting	Wednesday	17	11:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Mobile Source Committee	Thursday	18	9:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Climate Protection Committee	Thursday	18	11:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Budget & Finance Committee – CANCELLED	Wednesday	24	9:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Legislative Committee - CANCELLED & RESCHEDULED TO THURSDAY, JUNE 25, 2020 AT 9:30 A.M.	Wednesday	24	9:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Mobile Source Committee – CANCELLED & RESCHEDULED TO THURSDAY, JUNE 18, 2020 AT 9:30 A.M.	Wednesday	24	11:00 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Stationary Source Committee – CANCELLED & RESCHEDULED TO WEDNESDAY, JUNE 17, 2020 AT 9:30 A.M.	Wednesday	24	12:00 p.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Climate Protection Committee – CANCELLED & RESCHEDULED TO THURSDAY, JUNE 18, 2020 AT 11:30 A.M.	Wednesday	24	2:00 p.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Legislative Committee	Thursday	25	9:30 a.m.	Webcast only pursuant to Executive Order N-29-20

JULY 2020

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Regular Meeting - CANCELLED	Wednesday	1	9:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Ad Hoc Committee on Equity, Access, and Inclusion	Wednesday	1	10:00 a.m.	Webcast only pursuant to Executive Order N-29-20

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: June 11, 2020

Re: Approval of the Minutes of April 22, 2020

RECOMMENDED ACTION

Approve the attached draft minutes of the Climate Protection Committee (Committee) meeting of April 22, 2020.

DISCUSSION

Attached for your review and approval are the draft minutes of the Committee meeting of April 22, 2020.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Marcy Hiratzka
Reviewed by: Vanessa Johnson

Attachment 2A: Draft Minutes of the Committee Meeting of April 22, 2020

AGENDA: 2A – ATTACHMENT

Draft Minutes – Climate Protection Committee Meeting of April 22, 2020

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
Wednesday, April 22, 2020

This meeting was conducted under procedures authorized by executive order N-29-20 issued by Governor Gavin Newsom. Members of the committee participated by teleconference.

1. CALL TO ORDER – ROLL CALL

Climate Protection Committee (Committee) Chairperson, Teresa Barrett, called the meeting to order at 3:01 p.m.

Present: Chairperson Teresa Barrett; Vice Chair John Gioia; and Directors David Hudson, Davina Hurt, Liz Kniss, Katie Rice, Mark Ross, Brad Wagenknecht, and Shirlee Zane.

Absent: Director Scott Haggerty.

Also Present: Board Chairperson Rod Sinks.

2. APPROVAL OF THE MINUTES OF FEBRUARY 20, 2020

Public Comments

No requests received.

Committee Comments

None.

Committee Action

Director Kniss made a motion, seconded by Director Hurt, to **approve** the Minutes of February 20, 2020; and the motion carried by the following vote of the Committee:

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

3. UPDATE ON CLIMATE PROTECTION PROGRAM

Greg Nudd, Deputy Air Pollution Control Officer of Policy, gave the staff presentation *Climate Protection Program Update*, including: Bay Area greenhouse gas (GHG) emissions; GHG rule development; funding for electric vehicles (EV), cleaner vehicles, and trips reduction; Building Decarbonization program; power-resilient schools; integrating climate protection and health risk exposure at work; local government planning support; climate and food initiative; reducing GHGs from transportation; regional collaboration; and statewide coordination.

Public Comments

No requests received.

Committee Comments

The Committee and staff discussed types of data that the Air District is collecting and analyzing due to changes in behavior brought on by the COVID-19 pandemic, and how to prolong and maintain any benefits to the air quality resulting from those behavior changes; the California Air Resources Board’s requirement that all new bus purchases be zero emission by 2029, and how those buses will be charged; the status of the GHG reduction goal stated in the Air District’s Clean Air Plan adopted by the Board of Directors in 2017; the Air District’s matchmaking services with local facilities and clean technology developers; regional collaboration for heat pump water heaters and how much interest and installation was generated through Air District incentive programs; the suggestion that the Air District offers solutions to resiliency without promoting fossil fuels, especially in light of the fact that the California Legislature has narrowed its focus to COVID-19 pandemic-related and Public Safety Power Shutoff/wildfire mitigation; the climate risk assessment, adaptation, and resilience planning tool for Santa Clara County, called Silicon Valley 2.0; whether the Air District’s Climate and Food initiative has identified any Bay Area partners, and the suggestion that the Air District reaches out to the farm bureaus in the Bay Area; the need for more EV charging stations and building electrification; and whether bioplastics can be recycled and misinformation causing confusion for consumers.

Committee Action

None; receive and file.

4. PUBLIC COMMENT ON NON-AGENDA MATTERS

No requests received.

5. COMMITTEE MEMBER COMMENTS / OTHER BUSINESS

Board Chair Sinks talked about how Recology, integrated resource recovery company, proposed a California ballot initiative, the California Recycling and Plastic Pollution Reduction Act of 2020, which would charge producers of single-use plastic packaging.

6. TIME AND PLACE OF NEXT MEETING

The next meeting was scheduled for Wednesday, June 18, 2020, at 11:30 a.m. via webcast, pursuant to procedures authorized by Executive Order N-29-20 issued by Governor Gavin Newsom.

7. ADJOURNMENT

The meeting adjourned at 4:02 p.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: June 11, 2020

Re: Update on Heat Pump Water Heater Grants

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

On June 6, 2018, the Air District Board of Directors approved \$4.5 million in Climate Protection Grants to public agencies in the Bay Area. These grants are funding activities to design and implement innovative strategies to reduce greenhouse gas (GHG) emissions, with a focus on addressing energy use in buildings. In the Bay Area, natural gas use in residential and commercial buildings represents approximately 11 percent of the region's GHG inventory. Switching this natural gas use to low-carbon electricity is a critical component of the Air District's climate protection strategy. Reducing natural gas combustion in buildings also provides indoor and outdoor air quality co-benefits.

Ninety percent of Bay Area homes have water heaters that use natural gas. Unlike the demand for space heating, which varies across different climate zones, demand for water heating is fairly consistent across the Bay Area. This allows for common, replicable approaches to be developed that can be effectively implemented in a variety of communities. Through the Climate Protection Grant Program, the Air District has funded several programs that support coordination among public agencies to accelerate the transition to heat pump water heaters.

DISCUSSION

Heat pump water heaters use electricity to move heat from one place to another instead of generating heat directly through fossil fuel combustion. In addition to reducing GHG emissions by eliminating combustion, they are also more energy efficient than conventional gas-powered water heaters. Through the Climate Protection Grant Program, the Air District has funded several projects designed to advance the installation of heat pump water heaters in the Bay Area. These grantees, including the City of San Jose, Silicon Valley Clean Energy, and the Bay Area Regional Energy Network (BayREN, a program of the Association of Bay Area Governments), are coordinating their incentive and outreach programs to maximize the impact and replicability of their efforts.

Staff and guest speakers representing these three grant projects will provide the Committee with an update on implementation of the Climate Protection Grant Program's heat pump water heater grant activities. The update will include overviews of the grant projects, results to date of the incentive portions of the projects, and how the projects have aligned and coordinated activities.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None. Resources to implement the Climate Protection Grant Program were included in the Fiscal Year Ending 2020 budget.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Abby Young
Reviewed by: Henry Hilken