



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

BOARD OF DIRECTORS
CLIMATE PROTECTION COMMITTEE MEETING

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**

- **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

- **THE PUBLIC MAY PARTICIPATE REMOTELY VIA ZOOM AT THE FOLLOWING LINK OR BY PHONE**

<https://bayareametro.zoom.us/j/98544740068>

669-900-6833 or 408-638-0968

WEBINAR ID: 985 4474 0068

- **THOSE PARTICIPATING BY PHONE WHO WOULD LIKE TO MAKE A COMMENT CAN USE THE “RAISE HAND” FEATURE BY DIALING “*9”. IN ORDER TO RECEIVE THE FULL ZOOM EXPERIENCE, PLEASE MAKE SURE YOUR APPLICATION IS UP TO DATE**
- **COMMENTS MAY ALSO BE SUBMITTED VIA EMAIL AT**

Comments@baaqmd.gov

**WEDNESDAY
SEPTEMBER 30, 2020
9:30 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 JUNE 18, 2020

Clerk of the Boards/5073

The Committee will consider approving the attached draft minutes of the Climate Protection Committee meeting of June 18, 2020.

**3. PRESENTATION ON THE CLEAN BUILDING COMPASS J. Broadbent/5052
jbroadbent@baaqmd.gov**

Staff will present on the Clean Building Compass, a new online clearinghouse of policy tools for local governments, including a walk-through of the website.

**4. OUTREACH ON CLIMATE AND FOOD J. Broadbent/5052
jbroadbent@baaqmd.gov**

Staff will update the Committee on public outreach on the connections between climate change and food, including a Fall webinar series.

5. 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.

6. **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)

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

Thursday, November 19, 2020, at 11:30 a.m. via webcast, pursuant to procedures authorized by Executive Order N-29-20 issued by Governor Gavin Newsom.

8. **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

SEPTEMBER 2020

| <u>TYPE OF MEETING</u> | <u>DAY</u> | <u>DATE</u> | <u>TIME</u> | <u>ROOM</u> |
|---|------------|-------------|-------------|--|
| Board of Directors Mobile Source Committee | Thursday | 24 | 11:30 a.m. | Webcast only pursuant to Executive Order N-29-20 |
| Board of Directors Climate Protection Committee | Wednesday | 30 | 9:30 a.m. | Webcast only pursuant to Executive Order N-29-20 |
| Board of Directors Legislative Committee | Wednesday | 30 | 11:30 a.m. | Webcast only pursuant to Executive Order N-29-20 |
| Board of Directors Budget & Finance Committee | Wednesday | 30 | 1:30 p.m. | Webcast only pursuant to Executive Order N-29-20 |

OCTOBER 2020

| <u>TYPE OF MEETING</u> | <u>DAY</u> | <u>DATE</u> | <u>TIME</u> | <u>ROOM</u> |
|---|------------|-------------|-------------|--|
| Board of Directors Stationary Source Committee | Thursday | 1 | 9:30 a.m. | Webcast only pursuant to Executive Order N-29-20 |
| Board of Directors Personnel Committee | Monday | 5 | 9:00 a.m. | Webcast only pursuant to Executive Order N-29-20 |
| Board of Directors Regular Meeting | Wednesday | 7 | 9:30 a.m. | Webcast only pursuant to Executive Order N-29-20 |
| Advisory Council Meeting | Friday | 9 | 9:00 a.m. | Webcast only pursuant to Executive Order N-29-20 |
| Board of Directors Mobile Source Committee | Monday | 19 | 9:30 a.m. | Webcast only pursuant to Executive Order N-29-20 |
| Board of Directors Regular Meeting or Executive Committee | Wednesday | 21 | 9:30 a.m. | Webcast only pursuant to Executive Order N-29-20 |
| Board of Directors Budget & Finance Committee - CANCELLED | Thursday | 22 | 9:30 a.m. | Webcast only pursuant to Executive Order N-29-20 |
| Board of Directors Mobile Source Committee – CANCELLED AND RESCHEDULED TO MONDAY, OCTOBER 19, 2020 AT 9:30 A.M. | Thursday | 22 | 11:30 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: September 22, 2020

Re: Approval of the Minutes of June 18, 2020

RECOMMENDED ACTION

Approve the attached draft minutes of the Climate Protection Committee (Committee) meeting of June 18, 2020.

DISCUSSION

Attached for your review and approval are the draft minutes of the Committee meeting of June 18, 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 June 18, 2020

AGENDA: 2A – ATTACHMENT

Draft Minutes – Climate Protection Committee Meeting of June 18, 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
Thursday, June 18, 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 11:30 a.m.

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

Absent: None.

Also Present: Board Chairperson Rod Sinks.

2. APPROVAL OF THE MINUTES OF APRIL 22, 2020

Public Comments

No requests received.

Committee Comments

None.

Committee Action

Director Wagenknecht made a motion, seconded by Director Hudson, to **approve** the Minutes of April 22, 2020; and the motion carried by the following vote of the Committee:

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

3. UPDATE ON HEAT PUMP WATER HEATER GRANTS

Greg Nudd, Deputy Air Pollution Control Officer of Policy, introduced Axum Teferra, Environmental Planner, who gave 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. Several heat pump water heater projects that were funded through the Climate Protection Grant Program were presented by Jennifer West of Stop Waste, John Supp of Silicon Valley Clean Energy, and Leanna Huynh of the City of San Jose.

NOTED PRESENT: Board Chair Sinks and Director Kniss were noted present at 11:40 a.m., Director Haggerty was noted present at 11:45 a.m., and Director Hurt was noted present at 12:00 p.m.

Public Comments

Public comments were given by Leah-Louise Prescott, Rocky Mountain Institute; Jed Holtzman, 350 Bay Area; and Diane Bailey, Menlo Spark.

Committee Comments

The Committee and staff discussed the Bay Area Regional Energy Network’s (BayREN) collaboration with the City of Palo Alto; whether the BayREN multi-family program applies to new construction, and best practices for electrifying new construction; whether the cost of upgrading residential electric panels for heat pumps is included in the StopWaste/BayREN Regional Heat Pump Water Heater program; the suggestion that the Air District researches the capacity of the average, existing Bay Area home’s energy panels; whether StopWaste and BayREN are working with the East Bay Community Energy; results of the REACH code movement in Silicon Valley; the total cost for the 100 heat pump water heater units budgeted by Silicon Valley Clean Energy, and data about the applicants for those units; tankless water heaters; the need to prioritize disadvantaged communities and apply the Air District’s limited funds there; the reality that natural gas is more affordable than electrification for many people, though it is not as clean; the suggestion of creating incentives that can assist low-income homeowners with electric retrofits, especially for emergency replacement needs; why the Air District chose to pilot water pumps instead of heat pumps; the need for region-wide messaging about the benefits of transitioning from natural gas to electric appliances; and the suggestion of providing tax credits for heat pump water heaters installations in multi-family dwellings.

Committee Action

None; receive and file.

4. PUBLIC COMMENT ON NON-AGENDA MATTERS

No requests received.

5. COMMITTEE MEMBER COMMENTS / OTHER BUSINESS

None.

6. TIME AND PLACE OF NEXT MEETING

At the conclusion of the meeting, the next meeting date was to be at the Call of the Chair. After the meeting adjourned, the next meeting was scheduled for Wednesday, September 30, 2020, at 9:30 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 1:31 p.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 22, 2020

Re: Presentation on the Clean Building Compass

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

In the Bay Area, natural gas use in residential and commercial buildings is responsible for eleven percent of all greenhouse gas (GHG) emissions. Switching this natural gas use to low-carbon electricity is a critical component of the Air District's climate protection strategy. State and local policies have set aggressive renewable energy supply targets for the electric grid. In 2018, Senate Bill (SB) 100 established a new statewide target of zero carbon electricity by 2045, with an interim goal of sixty percent carbon-free power by 2030. The many community choice energy programs serving the Bay Area are also fast-tracking the elimination of fossil fuels from their electricity supply. Because of this greening of the electric grid, switching energy use in buildings from fossil fuels to electricity for space heating, water heating, cooking and clothes drying, will similarly fast-track a decarbonization of the building stock.

Local governments have taken the lead in adopting policies and reach codes limiting the use of natural gas. In July 2019, the City of Berkeley became the first jurisdiction in the country to adopt a policy banning the use of natural gas in new construction. Other local governments immediately began following Berkeley's example. To date, thirty-three local governments in California have adopted decarbonization reach codes, twenty-six of those from the Bay Area. A further forty jurisdictions statewide have decarbonization policies in development.

DISCUSSION

The Air District has launched a region-wide Building Decarbonization Initiative to support the transition to carbon-free buildings. The focus of the initiative is to provide policy support, tools and resources to local governments to accelerate fuel-switching in buildings away from natural gas. Developing new policies and reach codes is often challenging to local government staff who may not have the requisite expertise or resources available. To help local governments meet this challenge, the Air District has collaborated with the Building Decarbonization Coalition and the Bay Area Regional Collaborative to develop the Clean Building Compass (Compass), a centralized clearinghouse of policy tools on building decarbonization for local governments. The Compass was developed with local government input, and includes resources such as model ordinances, case studies, policy reports, and other tools. The Compass provides targeted, high-level assistance to local government staff that may not have the time, expertise or resources to do the research and technical work required to bring projects or policies to fruition.

Staff will present on the Clean Building Compass, including a discussion of the local government involvement in its development, its content, and a walk-through of the website.

BUDGET CONSIDERATION / FINANCIAL IMPACT

None. Funding for the development of the Clean Building Compass was included in the Fiscal Year Ending 2019 budget.

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 22, 2020

Re: Outreach on Climate and Food

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

In 2017, the Board of Directors adopted the 2017 Clean Air Plan, *Spare the Air – Cool the Climate* (2017 Plan), which sets a blueprint for reducing Bay Area greenhouse gas (GHG) emissions 40 percent below 1990 levels by 2030 and 80 percent below 1990 levels by 2050. The 2017 Plan includes a vision for what the Bay Area may look like in a post-carbon year 2050—where people will live, how they will travel, what the region will produce, and what people will consume. Our relationship with food – what we consume and how we handle food waste – is an important part of the effort to achieve deep reductions in GHG emissions.

The global food system as a whole – the raising and harvesting of plants, animals, and animal products as well as processing, packaging, and shipping food to markets all over the world – is a major driver of climate change. In particular, animal-based food production dominates GHG food-related emissions at both the local and global scales. Numerous studies analyzing the environmental impacts of diets have concluded that diets rich in plant-based foods confer both improved health and environmental benefits. Reducing the amount of meat in daily diets can lower certain health risks including those for heart disease, obesity, high blood pressure, high cholesterol, stroke, and many types of cancer.

DISCUSSION

The Air District has launched a Climate and Food Program to address GHG emissions from the food sector, specifically through changes to diet and reducing food waste. Key components of this Program are providing public education and outreach, and collaboration with local governments on these topics. Staff will present on a new public outreach effort, the *Healthy Plate – Healthy Planet Climate Friendly Food Webinar Series*. This effort is being implemented through a partnership with the non-profit organization Acterra. The presentation will describe the webinar series and additional activities planned as part of the Air District's Climate and Food Program.

BUDGET CONSIDERATION / FINANCIAL IMPACT

None. Funding to implement the *Healthy Plate – Healthy Planet Climate Friendly Food Webinar Series* was included in the Fiscal Year Ending 2020 budget.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Abby Young
Reviewed by: Henry Hilken