



**BOARD OF DIRECTORS  
EAST BAY MUNICIPAL UTILITY DISTRICT**

375 - 11th Street, Oakland, CA 94607

Office of the Secretary: (510) 287-0404

**AGENDA  
Sustainability Committee  
Tuesday, June 24, 2025  
9:30 a.m.  
Boardroom  
375 11<sup>th</sup> Street  
Oakland, CA 94607**

**\*\*\* Please see appendix for public participation instructions\*\*\***

*Committee Members: Joey D. Smith {Chair}, Luz Gómez, and Andy Katz*

**ROLL CALL:**

**PUBLIC COMMENT:** The Board of Directors is limited by State law to providing a brief response, asking questions for clarification, or referring a matter to staff when responding to items that are not listed on the agenda.

**DETERMINATION AND DISCUSSION:**

1. Greenhouse Gas Inventory (Briggs)

**ADJOURNMENT:**

***Disability Notice***

*If you require a disability-related modification or accommodation to participate in an EBMUD public meeting please call the Office of the Secretary (510) 287-0404. We will make reasonable arrangements to ensure accessibility. Some special equipment arrangements may require 48 hours advance notice.*

***Document Availability***

*Materials related to an item on this agenda that have been submitted to the EBMUD Board of Directors within 72 hours prior to this meeting are available for public inspection in EBMUD's Office of the Secretary at 375 11<sup>th</sup> Street, Oakland, California, during normal business hours, and can be viewed on our website at [www.ebmud.com](http://www.ebmud.com).*



## APPENDIX

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### Sustainability Committee Meeting

*EBMUD Board committee meetings will be conducted in person and accessible via Zoom.  
These meetings are live streamed on the District website.*

#### Online\*

<https://ebmud.zoom.us/j/91818373049?pwd=MTI1UHpFaU54SjZmV0QlhmUkJTQT09>

Webinar ID: 918 1837 3049

Passcode: 834363

#### By Phone\*

Telephone: 1 669 900 6833

Webinar ID: 918 1837 3049

Passcode: 834363

International numbers available: <https://ebmud.zoom.us/u/kdjdx0Kd06>

\*To familiarize yourself with Zoom, please visit <https://support.zoom.us/hc/en-us/articles/201362193-Joining-a-Meeting>

**Providing public comment** - *The EBMUD Board of Directors is limited by State law to providing a brief response, asking questions for clarification, or referring a matter to staff when responding to items that are not listed on the agenda.*

- Each speaker is allotted 3 minutes to speak; the Board President has the discretion to amend this time based on the number of speakers
- The Secretary will track time and inform each speaker when the allotted time has concluded
- Comments on **non-agenda items** will be heard at the beginning of the meeting
- Comments on **agenda items** will be heard when the item is up for consideration
- The Secretary will call each speaker in the order received

#### In person

- Fill out and submit a blue speaker card which is available in the meeting room

#### Via Zoom

- Use the raise hand feature in Zoom to indicate you wish to make a public comment  
<https://support.zoom.us/hc/en-us/articles/205566129-Raising-your-hand-in-a-webinar>
  - If you participate by phone, press \*9 to raise your hand
- When prompted by the Secretary, please state your name, affiliation if applicable, and topic

#### Submitting written comments or materials

- Email written comments or other materials for the Board of Directors to [SecOffice@ebmud.com](mailto:SecOffice@ebmud.com)
- Please indicate the meeting date and agenda item number or non-agenda item in the subject of the email. Contact information is optional.
- **Please email by 4 p.m. the day prior to the scheduled regular meeting;** written comments and other materials submitted to the Board of Directors will be filed in the record.

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**To view the livestream of Board meetings, please visit:**

<https://www.ebmud.com/about-us/board-directors/board-meetings/>


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## EAST BAY MUNICIPAL UTILITY DISTRICT

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DATE: June 20, 2025

MEMO TO: Board of Directors

THROUGH: Clifford C. Chan, General Manager 

FROM: David A. Briggs, Director of Operations and Maintenance 

SUBJECT: Greenhouse Gas Inventory

### SUMMARY

Policy 7.07 – Energy (Energy Policy) establishes a Greenhouse Gas (GHG) emission goal for the District. Tracking progress towards this goal requires a credible accounting method for the District’s GHG emissions. The accounting methodology for the inventory of District emissions will be presented at the June 24, 2025 Sustainability Committee meeting.

### DISCUSSION

The District uses the Water-Energy Nexus (WEN) protocols developed by The Climate Registry for measuring and reporting emissions. This framework is the best available and most recognized methodology for water and wastewater utilities in the United States.

The standard GHG inventory for an organization is compiled with qualifying direct and indirect emissions. Direct emissions (Scope 1) are associated with combustion of fuels including gasoline, natural gas, propane, and diesel, as well as losses from refrigerant usage attributed to the operation of the organization. Indirect emissions (Scope 2) are associated with emissions from the generation of electrical energy purchased by the entity. Scope 3 emissions consist of supply chain and third-party disposal emissions and are not typically included in GHG inventories.

For the District, direct emissions are primarily attributed to fleet and equipment operations and to a lesser extent, the use of natural gas and refrigerants. The District has approximately 1,300 vehicles and motorized equipment and hundreds of energy service accounts. Indirect emissions are associated with the approximately 130,000 megawatt hours of electrical energy purchased each year<sup>1</sup>.

The District has conducted an inventory of its GHG emissions since 2005. The annual inventory is reported to the Board each October and compared against the Energy Policy goal to be carbon neutral for direct and indirect GHG emissions from the water and wastewater systems by 2030.

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<sup>1</sup> Emissions increase about 10 to 25 percent when supplemental energy is needed for operation of the Freeport Regional Water Project during drought.

Wastewater operations produce GHG-related emissions (process emissions) through the treatment process and in the waste stream discharge. The emission of methane and nitrous oxide is difficult to quantify, and future emissions may change as the District considers modification to wastewater operations to comply with expected nitrogen limits in wastewater discharge. These process emissions are estimated and tracked but are not presently included in the District's GHG reduction goal.

#### **NEXT STEPS**

Staff is compiling the District's Calendar Year 2024 GHG inventory for presentation to the Sustainability Committee in October. At that time, staff will review its carbon reduction goals, the timing and costs of necessary mitigation options, and forecasted emissions for future years.

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