

Bay Area Air Quality Management District  
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## **APPROVED MINUTES**

Summary of Board of Directors  
Technology Implementation Office Steering Committee Meeting  
Friday, May 28, 2021

### **1. CALL TO ORDER – ROLL CALL**

Technology Implementation Office (TIO) Steering Committee (Committee) Chairperson Cindy Chavez called the meeting to order at 1:00 p.m.

Present: Committee Chairperson, Cindy Chavez; Ex-Officio Board of Directors (Board) Member, Rob Rennie; and Members Bud Beebe, Mark Cupta Ahmad Ganji, Michael Montgomery, and Jetta Wong.

Absent: Members Janea Scott and Marilyn Waite.

Also Present: None.

### **2. APPROVAL OF THE MINUTES OF MAY 15, 2020**

#### Public Comments

No requests received.

#### Committee Comments

None.

#### Committee Action

Member Montgomery made a motion, seconded by Member Beebe, to approve the Minutes of May 15, 2020; and the motion carried by the following vote of the Committee:

AYES: Beebe, Chavez, Cupta, Montgomery, Rennie, Wong.  
NOES: None.  
ABSTAIN: None.  
ABSENT: Ganji, Scott, Waite.

### **3. BAY AREA ELECTRIC VEHICLE (EV) ACCELERATION PLAN UPDATE**

Karissa White, Assistant Staff Specialist, gave the staff presentation *Bay Area Electric Vehicle (EV) Acceleration Plan*, including: outcome; outline; requested action; components of the Plan;

timeline; Bay Area EV registrations; Bay Area EVs and projected increase to meet 2050 goal; Bay Area EV charging stations; stakeholder outreach; market research and surveys; Air District goals; barriers to EV adoption; recommendations; Air District recommendations; and feedback requested/questions.

NOTED PRESENT: Professor Ganji was noted present at 1:19 p.m.

#### Public Comments

No requests received.

#### Committee Comments

The Committee and staff discussed the ratio of Direct Current (DC) fast charging chargers versus Level 2 chargers that are being installed in the Bay Area, and how that affects potential buyers' range anxiety and their decision to drive (only an) EV; concerns about potential competition and disputes over chargers at multi-family dwellings, especially if the chargers aren't fast-charging; target locations for public charging stations, and which stakeholders should decide future locations; benefits of new EV charging stations sharing transformers with existing infrastructure; power sources in the home that can power Level 2 chargers; the suggestion that the Air District collects feedback and best practices from electricians who install EV charging infrastructure; whether city and county projects include retrofit construction target goals, versus new construction; the request that Steering Committee members know when Bay Area Electric Vehicle Coordinating Council meetings are to be held; the request that the Air District compiles ways to develop and expand electrical grids using microgrids or other innovations, including whether legislation will be needed, and sends that information to the Steering Committee members before the next meeting; the suggestion of asking Community Choice Energy organizations to assist with the packaging of onsite storage microgrid technology; the suggestion of asking energy utility companies for their models for loads (the amounts of electricity on the grid at any given time, as it makes its journey from the power source to all the homes, businesses and industries within a utility's territory) in different parts of the Bay Area; and the suggestion of reaching out to smaller publicly owned utilities, which may be making faster process than Pacific Gas & Energy.

#### Committee Action

None; receive and file.

#### **4. CLIMATE TECH FINANCE IMPACT REPORT**

Damian Breen, Senior Deputy Executive Officer of Operations, introduced Derrick Tang, Manager of the Air District's Technology Implementation Office, who gave the staff presentation *Climate Tech Finance Impact Report*, including: outcome; requested action; outline; overview; funded and qualified projects; project pipeline; key lessons learned; and feedback requested.

#### Public Comments

No requests received.

Committee Comments

The Committee and staff discussed how certain loan guarantee projects were able to be executed through the existing State Loan Guarantee Program, without utilizing Air District dollars; appreciation for Air District staff's procurement of new lenders within the Climate Tech Finance program; whether the Air District should give special considerations to projects in disadvantaged communities, and if this happened, whether the Air District's potential absorption of loss would be worth the potential tradeoff of an increase in applicants; which party sets the default rate; how much loss the Air District can tolerate; how the Air District assesses its risk tolerance; whether any wastewater treatment plant project applications have been submitted; and advantages and disadvantages of biosolids from wastewater facilities.

Committee Action

None; receive and file.

**5. CLIMATE TECH FINANCE STRATEGIC PLAN**

Mr. Tang gave the staff presentation *Climate Tech Finance Strategic Plan*, including: outcome; requested action; outline; Strategic Plan development; stakeholder interviews; Climate Tech Finance mission; program growth; potential program offerings; and feedback requested.

Public Comments

No requests received.

Committee Comments

The Committee and staff discussed how federal stimulus bills help increase the amount of funds that Climate Tech Finance can leverage; the suggestion of reviewing the evaluation reports of state programs that are similar to the Climate Tech Finance program; the suggestion of using the Air District's existing network and partners to help the California Infrastructure and Economic Development Bank (IBank) get applicants funded, and whether the Air District has asked the IBank how it can help in that regard; current investment trends; the suggestion of maximizing success by cooperating with funding agencies that are already funding climate technologies; the suggestion of aligning contract boilerplate language with that of federal language to poise projects to become recipients of federal funds; the request for a whitepaper on the framework of climate change and investments; the suggestion of asking likeminded agencies what climate projects they want to see funded, and positioning the Air District to be a leader in this space; the suggestion of reaching out to talk to members of congress about this opportunity; and branding options.

Committee Action

None; receive and file.

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

No requests received.

7. **COMMITTEE MEMBER COMMENTS**

None.

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

At the end of the meeting, the next meeting was to be held at the Call of the Chair. Following the adjournment of the meeting, the next meeting was scheduled for Friday, September 17, 2021, at 1:00 p.m., via webcast, pursuant to procedures authorized by Executive Order N-29-20 issued by Governor Gavin Newsom.

9. **ADJOURNMENT**

The meeting adjourned at 2:55 p.m.

*/s/ Marcy Hiratzka*  
Marcy Hiratzka  
Clerk of the Boards