



**BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT**

November 2, 2022

Mitch Weiss  
Executive Director  
California Transportation Commission  
1120 N Street  
Sacramento, CA 95814

**RE: Support for Port of Oakland Green Microgrid Project – Trade Corridor Enhancement Program**

Dear Director Weiss:

On behalf of the Bay Area Air Quality Management District, I wish to express my strong support for the joint application submitted by the Port of Oakland (Port), the Metropolitan Transportation Commission (MTC), and the California Department of Transportation (Caltrans) for the Green Power Microgrid project at the Oakland seaport. This project will create an enhanced and sustainable renewable energy utility infrastructure network at the Port to support the growing base of zero emissions freight equipment users. Through the California Transportation Commission's (CTC) Trade Corridor Enhancement Program (TCEP), the state of California can continue to partner and significantly advance sustainable transportation initiatives in the goods movement sector in the San Francisco Bay Area.

This project improves the resiliency of the Port's utility operations and supports the continued development and integration of zero emissions vehicles and equipment into the Port of Oakland's maritime operations, in addition to supporting renewable energy generation throughout the seaport. The \$60 million total project consists of six substation upgrades for the modernization of the Port's electric grid, solar infrastructure and battery storage capacity, and the installation of heavy-duty electric vehicle chargers throughout the seaport to support zero emission cargo handling equipment and on-road drayage trucks at the marine terminals. The need to invest in locally generated renewable power and enhanced local energy distribution capacity for critical transportation infrastructure has been heightened with multiple extreme heat events and wildfires and the corresponding threats to the state's power grid over the past several years. The resiliency offered by the proposed microgrid will help ensure container ships can continue using shore power during power emergencies.

**ALAMEDA COUNTY**

John J. Bauters  
(Chair)  
Pauline Russo Cutter  
David Haubert  
Nate Miley

**CONTRA COSTA COUNTY**

John Gioia  
David Hudson  
Karen Mitchoff  
Mark Ross

**MARIN COUNTY**

Katie Rice

**NAPA COUNTY**

Brad Wagenknecht

**SAN FRANCISCO COUNTY**

Tyrone Jue  
(SF Mayor's Appointee)  
Shamann Walton

**SAN MATEO COUNTY**

David J. Canepa  
Carole Groom  
Davina Hurt  
(Vice Chair)

**SANTA CLARA COUNTY**

Margaret Abe-Koga  
Otto Lee  
Sergio Lopez  
Rob Rennie

**SOLANO COUNTY**

Erin Hannigan  
Steve Young

**SONOMA COUNTY**

Teresa Barrett  
(Secretary)  
Lynda Hopkins

Sharon Landers

**INTERIM**

**EXECUTIVE OFFICER/APCO**

Connect with the  
Bay Area Air District:



The Port of Oakland's *Seaport 2020 and Beyond Air Quality Plan* seeks to reduce the emissions impact from its activities and transition into zero and near-zero emissions cargo operations. This air quality plan also supports initiatives which lower the carbon footprint of seaport operations and support the state's ambitious greenhouse gas goals. The Port of Oakland is advancing numerous programs that are demonstrating the reliability and market competitiveness of zero emissions cargo handling, drayage trucking, and related port equipment and is eager to support additional opportunities to ensure a wider adoption of this equipment throughout the entire freight community.

The deployment of heavy-duty electric vehicle charging infrastructure serving seaport trucking and maritime terminal users was identified as a top near-term priority implementation item in "*Owning Our Air*," the West Oakland Community Air Action Plan (*WOCAP*). This plan was developed by West Oakland residents and business owners under the leadership of the West Oakland Environmental Indicators Project (*WOEIP*), with support from the Air District and other public agencies, including the Port, MTC and Caltrans, District 4. A key part of the *WOCAP* implementation is providing direct input to the Port Commission through a Sustainable Port Collaborative. This community-led collaborative is working to ensure the development of zero emission infrastructure is developed in a timely manner and leads to improved community health.

We appreciate your continued commitment to an efficient and sustainable transportation network and thank you in advance for your consideration of this request.

Sincerely,



Sharon L. Landers  
Interim Executive Officer/APCO

cc: Ms. Margaret Gordon, West Oakland Environmental Indicators Project  
Brian Beveridge, West Oakland Environmental Indicators Project  
Michelle Ghafar, EarthJustice  
Matt Davis, Port of Oakland