

RESOLUTION 2019-084

RESOLUTION AUTHORIZING STAFF TO UPDATE THE DISTRICT'S CLEAN AIR PLAN TO ALIGN WITH ASSEMBLY BILL 617'S COMMUNITY AIR PROTECTION PROGRAM (AB 617 PROGRAM), CALIFORNIA'S SUSTAINABLE FREIGHT ACTION PLAN, AND OTHER LOCAL AND STATE INITIATIVES TO IMPROVE AIR QUALITY; TO DEVELOP DISTRICT-RELATED PLANS, PROJECTS AND STRATEGIES THAT WILL REDUCE EMISSIONS AND IMPROVE AIR QUALITY IN ADVANCE OF THE AVAILABILITY OF PROJECT IMPLEMENTATION FUNDING; AND CONTINUE TO COLLABORATE AND PARTNER WITH AGENCIES, DISTRICT TENANTS, STAKEHOLDERS, AND COMMUNITIES, INCLUDING THE AB 617 PORTSIDE ENVIRONMENTAL JUSTICE NEIGHBORHOOD STEERING COMMITTEE, TO INCREASE ELECTRIFICATION OF FREIGHT MOVEMENT, IDENTIFY EMISSION REDUCTION STRATEGIES AND IMPROVE AIR QUALITY FOR THE REGION

WHEREAS, the San Diego Unified Port District (District) is a public corporation created by the legislature in 1962 pursuant to Harbors and Navigation Code Appendix 1; and

WHEREAS, the District promotes commerce, navigation, fisheries, recreation, and other coastal-dependent uses along San Diego Bay, in conjunction with its duty to protect, preserve and enhance the natural resources of San Diego Bay; and

WHEREAS, the Board of Port Commissioners (BPC) adopted a Clean Air Program in 2007 with the goal of reducing air pollution from port-related operations; and

WHEREAS, the BPC adopted a Climate Action Plan in 2013 that set targets to reduce greenhouse gas (GHG) emissions from District-wide activities ten (10) percent by 2020 and twenty-five (25) percent by 2035 relative to the 2006 baseline year; and

WHEREAS, the BPC certified an Environmental Impact Report for the Tenth Avenue Marine Terminal Redevelopment Plan in 2016 that incorporated

stakeholder and community input to include technology improvements to reduce emissions from operations even as cargo throughput increases; and

WHEREAS, between 2006 and 2016, actions taken by the District, tenants, and maritime customers have resulted in a sixty-one (61) percent decrease of nitrogen oxides (NO_x), an eighty-five (85) percent reduction in diesel particulate matter, and a ninety-seven (97) percent reduction of sulfur dioxides (SO_x); and

WHEREAS, the Districtwide 2016 GHG emissions inventory demonstrate a thirteen (13) percent reduction compared to a 2006 baseline; and

WHEREAS, the District instituted a voluntary Vessel Speed Reduction Program to decrease ocean-going vessel speeds which has resulted in annual air emission reductions including sixty-two (62) tons of NO_x, one (1) ton of diesel particulate matter, and twenty-five hundred (2,500) tons of GHGs; and

WHEREAS, the District established a Clean Truck Program which requires all drayage trucks that enter the District's marine terminals to adopt cleaner model year engine standards; and

WHEREAS, the District installed shore-based power at the B Street Cruise Ship Terminal and the Tenth Avenue Marine Terminal (TAMT) resulting in improved local air quality through emission reductions including ninety (90) tons of NO_x, two (2) tons of diesel particulate matter, and nearly three thousand (3,000) tons of GHGs; and

WHEREAS, the District utilizes renewable energy through three hundred fifty (350) kilowatts of solar photovoltaic energy located at the Port Pavilion on Broadway Pier, B St. Cruise Ship Terminal, the General Services building, and the District's Administration Building; and

WHEREAS, the District completed lighting retrofits, saving nearly one (1) gigawatt hour of energy per year; and

WHEREAS, the District is a member of Green Marine, a voluntary international environmental certification program, which demonstrates a commitment to transparency in environmental achievements and the District's inaugural Green Marine certification ratings are exceptional and were ceremonially certified on June 5, 2019 and the District achieved the highest level of certification indicating Environmental Excellence and Leadership; and

WHEREAS, through the California Energy Commission—Port Energy Collaborative, the District has partnered with the California Energy Commission (CEC) and California ports to advance sustainability and state-of-the-art technologies to reduce emissions of criteria pollutants and GHGs at seaports; and

WHEREAS, the District tidelands have become a center of innovation for zero emission freight vehicles and equipment pioneered by the San Diego Port Tenants Association and District tenants who received grant funding from the CEC to demonstrate ten (10) battery-electric, zero emission freight vehicles and equipment along the Working Waterfront; and

WHEREAS, in consultation with agencies, stakeholders, and community residents, the District has undertaken the South Harbor Drive Multimodal Corridor Study to identify opportunities to enhance mobility and address other environmental considerations, including truck and vehicular emissions, along the Working Waterfront; and

WHEREAS, the District has partnered with San Diego Gas and Electric to install electric vehicle charging equipment and associated infrastructure located at District facilities including nine (9) electric forklift chargers at the B Street Cruise Terminal, twenty-six (26) electric vehicle chargers for employees and District fleet vehicles, and ten (10) electric cars, drayage trucks and yard tractors chargers at the National City Marine Terminal operated by Pasha Automotive Services; and

WHEREAS, the District and its tenants are diversifying the use of alternative fuels within their fleets including the use of renewable diesel and procurement of electric and hybrid vehicles; and

WHEREAS, the CEC awarded the District a grant to construct a microgrid at the TAMT, which will include a solar photovoltaic power system, battery storage, and energy controller technology which will provide both environmental and financial sustainability and improve energy reliability; and

WHEREAS, to improve freight efficiency, transition to zero and near-zero emission technologies, and increase competitiveness of the state's freight system, California adopted the Sustainable Freight Action Plan in July 2016, which includes targets to improve freight system efficiency, zero and near-zero emission freight vehicles and equipment, increase competitiveness and economic growth targets, and the District supports advancement of the Sustainable Freight Action Plan; and

WHEREAS, the BPC desires the District to be at the forefront of innovative measures, strategies, and projects that reduce criteria pollutants, toxic air contaminants, and GHG emissions, in a manner that also promotes the maritime industry and business opportunities with the District and its member cities; and

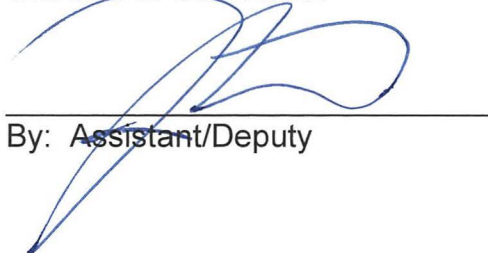
WHEREAS, the District is committed to environmental justice and collaborates with the Environmental Health Coalition, the Greenlining Institute, Ocean Connectors, Living Coast Discovery Center, other environmental advocates, and community leaders and groups on equitable clean air strategies; and

WHEREAS, the portside neighborhoods of Barrio Logan, Logan Heights, Sherman Heights, and West National City, adjacent to the District's Working Waterfront, are communities selected in 2018 for inclusion in the Community Air Protection Program, established by California Assembly Bill 617 to reduce air pollution in communities disproportionately burdened by emissions, where the California Air Resources Board and the San Diego Air Pollution Control District will conduct air quality monitoring to better understand the sources of air pollution and implement emission reduction plans and strategies based in part, on the input and direction provided by the AB 617 Portside Communities Steering Committee, which includes local residents, industry representatives and government agencies, including the District.

NOW, THEREFORE, BE IT RESOLVED by the Board of Port Commissioners (BPC) of the San Diego Unified Port District (District), as follows:

1. The District will update the current Clean Air Plan and related policies to align with Assembly Bill 617's Community Air Protection Program (AB 617 Program), California's Sustainable Freight Action Plan, and other local and State initiatives designed to improve air quality; and
2. The District will develop plans and identify a series of near-term and long-term projects and strategies that will reduce emissions and improve air quality in advance of the availability of project implementation funding; and
3. The District will continue to collaborate and partner with agencies, District tenants, stakeholders and communities, including the AB 617 Portside Environmental Justice Neighborhood Steering Committee, to increase electrification of freight movement, identify emission reduction strategies, and to improve air quality for the region.

APPROVED AS TO FORM AND LEGALITY:
GENERAL COUNSEL



By: Assistant/Deputy

PASSED AND ADOPTED by the Board of Port Commissioners of the San Diego Unified Port District, this 18th day of June 2019, by the following vote:

AYES: Bonelli, Castellanos, Merrifield, Valderrama, and Zucchet

NAYS: None.

EXCUSED: Malcolm, Moore


ABSENT: None.

ABSTAIN: None.



Garry J. Bonelli, Chairman
Board of Port Commissioners

ATTEST:



Donna Morales
District Clerk

(Seal)