



The West Coast Collaborative is a public-private partnership focused on reducing diesel emissions throughout western North America and the U.S. Pacific Islands. The Collaborative seeks to significantly improve air quality and public health by providing assistance to upgrade high-polluting diesel engines, vehicles and equipment with cost-effective emission control technologies.

DERA National 2021: Electrification of Cargo Handling Equipment – South Coast Air Quality Management District



Where:
South Coast Air Basin, CA



Grantee:
South Coast Air Quality Management District



Replacing:
14 diesel yard hostlers
5 diesel IBC carts



Funding:
\$2,349,995 U.S. EPA's DERA
\$2,719,900 Matched



Emission Reductions:*
14 tons of PM_{2.5}
152 short tons of NO_x
45 tons of CO



What is the Collaborative?
The West Coast Collaborative is a partnership among leaders from federal, tribal, state, and local governments, the private sector and environmental and community groups in EPA Regions 9 and 10.

The West Coast Collaborative is pleased to announce the South Coast Air Quality Management District's (SCAQMD) receipt of a U.S. Environmental Protection Agency (U.S. EPA) Diesel Emissions Reduction Act (DERA) National Grant to electrify cargo handling equipment. This project will be implemented using **\$2,349,995 in DERA grant funding** combined with **\$2,719,900 in matching funds** from the SCAQMD and their project partners.

What is this Project?

South Coast Air Quality Management District (SCAQMD) in partnership with Safeway-Albertsons (Albertsons), McLane Company (McLane), and Port of Long Beach, will replace a total of 14 diesel yard hostlers with all-electric hostlers at 4 distribution centers, and replace 5 diesel intermodal box connector (IBC) carts with all-electric IBC carts at the Long Beach Container Terminal (LBCT) within the Port of Long Beach.

Why is this Project Important?

Exposure to diesel exhaust is associated with decreased lung function and can also exacerbate the symptoms of asthma, bronchitis and pneumonia. By Reducing emissions from the distribution centers, and the LBCT port facility, will help alleviate air quality impacts on nearby communities and spur increased adoption of zero-emission technologies through the project's outreach activities. The day-to-day operations and activities of goods movement in and around these communities result in high levels of emissions of ozone precursors, toxic air contaminants, and greenhouse gases from diesel exhaust emissions. Many constituents of diesel exhaust are classified by local, regional, state, federal, and even international organizations as human carcinogens or likely human carcinogens.

Who are the project Partners?

This project will be administered by the SCAQMD, is regional agency with jurisdiction over air quality in California's South Coast Air Basin. SCAQMD received this DERA grant through the Collaborative and will distribute these grant funds to their project partners. SCAQMD will be responsible for all data monitoring and reporting.