



NEWS

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Shoreside Power Electrification Project Begins Operation *\$4.8 Million Grant Reduces Ship Emissions at the Port of Oakland*

SAN FRANCISCO – The Bay Area Air Quality Management District along with its partners, the California Air Resources Board and global shipping company APL, today announced the completion of a landmark project to cut vessel emissions and improve air quality in West Oakland.

Armed with \$4.8 million in Air District grants, the world's fifth-largest container carrier has completed retrofitting its terminal and vessels to begin "cold-ironing" at the Port of Oakland. "Cold-ironing" is an industry term that refers to turning off a ship's 2,000 horse power diesel generators while at berth and connecting instead to cleaner electrical power ashore. This enables vessels to maintain power in port while eliminating exhaust emissions.

"Diesel emissions from port operations have a serious health impact in the West Oakland community," said Jack Broadbent, executive officer of the Air District. "APL is leading the way to reduce their emissions and setting an example for other carriers in the Port of Oakland to follow."

Diesel generators are typically used 24/7 while in port. Using shoreside electric power instead of diesel generators will cut more than 50,000 pounds of nitrogen oxide emissions and 1,500 pounds of toxic soot annually from APL ships berthed at the Port of Oakland.

In a single 24 hour call, switching to shoreside power can eliminate 1,000 pounds of nitrogen oxides emissions, 165 pounds of sulfur oxides and 30 pounds of toxic soot.

Shoreside power or "cold-ironing" is considered one of the most effective ways to curb emissions from vessels at port and improve coastal air quality. Regulations mandating cold-ironing in California take effect in 2014.

The Bay Area Air Quality Management District (www.baaqmd.gov) is the regional agency responsible for protecting air quality in the nine-county Bay Area.

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