



NEWS

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Air District announces \$25 million in funding for Port electrification *Eleven additional ship berths to be electrified as first terminal comes online*

SAN FRANCISCO – As its landmark oceangoing vessel electrification project with global shipping company APL goes in service today, the Bay Area Air Quality Management District along with its partners, the California Air Resources Board and the Port of Oakland announces an additional \$25 million in funding for "cold ironing" projects 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 container ships 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 those emissions and the Air District and other partners are providing the funding so that others can follow suit."

The \$25 million in funding, along with match funding from the federal government and Port of Oakland, will provide infrastructure for 11 additional cold ironing installations at the port. This effort builds on \$4.8 million in Air District grants provided to APL, the world's fifth-largest container carrier, to retrofit its terminal and ships to begin "cold-ironing," becoming the first to plug-in at the Port of Oakland.

Diesel generators are typically used 24/7 while in port. Using shoreside electric power for this project instead of diesel generators will immediately 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. Upon completion of the 11 additional cold ironing projects, more than 600,000 pounds of nitrogen oxide emissions and 10,000 pounds of toxic soot will be reduced each year.

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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