



PORT OF OAKLAND
SEAPORT

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MARITIME e-NEWS



Port Diesel Emissions Plunge

Diesel emissions from trucks serving the Port of Oakland declined 98 percent between 2005 and 2015. In that same timeframe, ship emissions dropped 75 percent.

Those were the key findings of an emissions inventory the Port released in late October. The results indicate the Port is advancing its 2008 commitment to reduce seaport-related diesel health risk by 85 percent by the year 2020.

The Port said that an analysis of the 2015 [Emissions Inventory](#) shows a 76 percent decrease in total diesel emissions at the Oakland Seaport. "This is a significant achievement," said Richard Sinkoff, Director of Environmental Programs and Planning at the Port. "The reduction in seaport diesel emissions is important because it's closely related to reducing health risk for our neighboring communities."

According to the Port's study, truck Diesel Particulate Matter (DPM) emissions have decreased from 16 tons in 2005 to **0.4** tons in 2015. Overall DPM emissions decreased from 261 tons to 63 tons. DPM exposure has been linked to increasing health risk for lung cancer.

The Port listed a number of contributing factors to its emissions improvements:

- a \$38 million grant program to upgrade and replace the oldest trucks operating at the Port;
- a ban on trucks that aren't compliant with statewide emissions requirements;
- shipping lines switching to cleaner burning, low sulfur fuel; and
- a \$60 million project to construct a power grid that ships can plug into at berth rather than relying on auxiliary diesel engines.

"The work and investments by the Port and our partners have nearly eliminated Port truck emissions and greatly reduced other emissions," said Chris Lytle, Port of Oakland Executive Director. "But we're not done - we'll keep working to minimize the potential impact that trade has on our community."

The Port and environmental consultant Ramboll Environ compiled and calculated emissions data for 2015 from ships, harbor craft, cargo handling equipment, trucks, and locomotives.

Here's the breakdown of Diesel Particulate Matter emissions improvement:

- Trucks—DPM down 98%
- Locomotives—DPM down 89%
- Cargo handling equipment—DPM down 82%
- Ocean going vessels—DPM down 75%
- Harbor Craft—DPM down 53%

The Port said its 2009 [Maritime Air Quality Improvement Plan](#) has been the biggest factor in curbing diesel emissions. The plan was adopted to reduce the health risk from diesel emissions. It was developed in conjunction with nearby residents, the US Environmental Protection Agency, California Air Resources Board, Bay Area Air Quality Management District, trucking companies, marine terminal operators, railroads and ocean carriers.



Oakland Export Boom Reaches Three-year High

Port of Oakland export volume reached a three-year high in October, soaring 20 percent over 2015 totals. The Port reported that it shipped the equivalent of 89,473 export containers last month. That was the most since Oct. 2013, the Port said, and the fourth-largest monthly total in its history.

The figures cap a yearlong rally that has lifted Oakland exports 10 percent above 2015 volume year-to-date. They re-enforce the Port's position as one of the top export gateways in the U.S.

"Increased export volume is nothing new—we've reported gains in nine of the first 10 months of the year," said Port of Oakland Maritime Director John Driscoll. "But the amount of volume growth highlights just how strong this rally is."

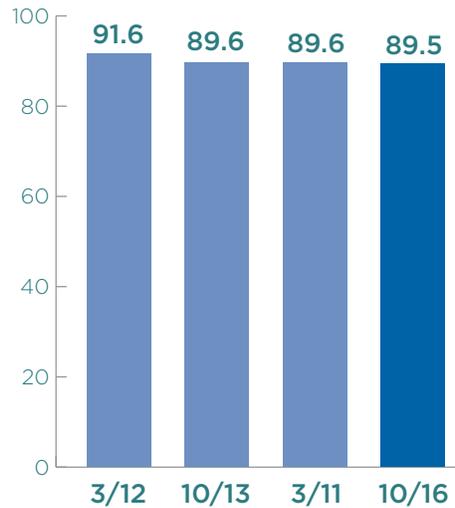
The Port said a softer U.S. dollar and healthy agricultural harvests helped drive export gains. Growers in California's Central, Napa and Salinas valleys depend on Oakland to reach markets in Asia.

The Port reported that containerized import cargo volume increased 2 percent

in October. Overall loaded container volume—imports and exports—was up 11.4 percent.

The top four months for exports in Port of Oakland history

TEUs (thousands)



Fitch Upgrades Bond Rating

Port of Oakland intermediate lien revenue bonds have been upgraded by Fitch Ratings to A from A-. Fitch has also affirmed the A+ rating on the Port's senior lien revenue bonds. The rating outlook for both liens is stable.

Fitch issued its rating update October 14. It said the ratings reflect diverse revenues from the port's aviation, maritime, and commercial real estate operations.

It also stated that the port benefits from its sizeable enplanement base and maritime cargo operations within the large, economically diverse, and wealthy San Francisco Bay Area. Fitch said the upgrade of the intermediate bonds also reflects the port's progressive deleveraging and debt service coverage ratios having exceeded the rating agency's base case expectations.

TraPac Expansion Gets Go-Ahead

Work could begin this month to nearly double the size of the Port of Oakland's second-largest marine terminal. TraPac LLC said it's ready to begin construction on a 57-acre expansion at the Port's Outer Harbor. The Board of Port Commissioners approved the project at a meeting Oct. 27.

TraPac has signed a new 14-year lease with the Port to grow from 66 to 123 acres. It will add two vessel berths to the two it already operates. The terminal operator said a larger footprint will help it absorb additional cargo volume.

"With this expansion, we're making a long-term commitment to our customers and to the Port of Oakland," said TraPac

Oakland General Manager Mike Porte. "Now that the approval process has concluded, we're eager to get on with the necessary improvements, and we'll be doing so aggressively."

TraPac is growing into property adjacent to its existing terminal. It said construction on a new entrance gate could start in November. Refurbishment of the remaining acreage would follow soon thereafter, the company added. TraPac said it expects to complete improvements within 10 months.

Wilmington, Ca-based TraPac handles about 20 percent of the containerized cargo volume shipped through the Port of Oakland.

They Said It

Port of Oakland: Dirty Diesel Pollution Takes a Dive

—East Bay Times

Diesel emissions at the Port of Oakland have declined dramatically

—KCBS radio, San Francisco

The reductions have been nothing short of spectacular

—KTVU television, Oakland

We are proud to be part of the port's 98% reduction in truck diesel particulate matter. 98%! Wow! That's huge!

—Devine Intermodal

"We'll be testing battery-powered trucks in 2017"

—GSC Logistics

Blue Skies



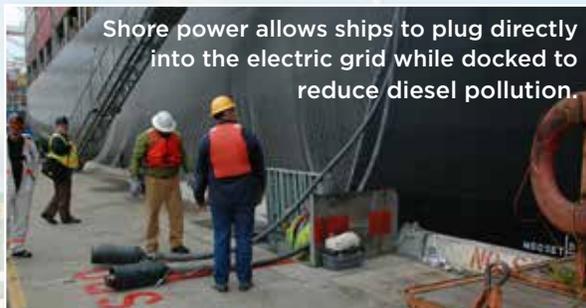
In 2009, the Port of Oakland committed to achieving an 85% reduction in seaport-related diesel health risk by 2020 from a 2005 baseline.

Here's where we are today:

Overall Diesel Emissions Down 76%

Between 2005 and 2015:

- Overall diesel particulate matter (DPM) emissions at the Oakland seaport have decreased by 76%, from 261 tons to 63 tons.
- DPM from Port trucks has decreased by 98%, from 16 tons to 0.4 tons.
- DPM from ships has decreased by 75%, from 209 tons to 52 tons.



To learn more about the Port of Oakland and its environmental stewardship programs, visit us on-line at www.portofoakland.com.

