

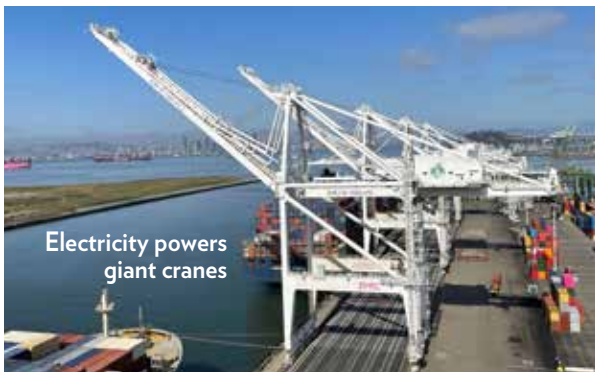
Port of Oakland takes major step on clean energy project

\$2 million renewable energy infrastructure design approved for Oakland Seaport

The Port of Oakland announced the approval of a \$2 million contract for the design of a new, clean energy project at the Oakland Seaport. The project includes electrical infrastructure plus solar generation, battery storage systems, a fuel cell, and the replacement of a substation and connecting circuitry.

“This is a major step toward our goal to make the Oakland Seaport a zero-emissions operation,” said Port of Oakland Maritime Director Bryan Brandes.

The Port approved hiring Burns & McDonnell, an engineering design consulting firm with expertise in power resiliency and clean energy. The design work will result in construction drawings of electrical infrastructure components that incorporate green technology and resiliency features.



Design is the foundational work that creates the first critical step toward constructing the new substation and the accompanying infrastructure. The latter will integrate renewable power to support the Port’s goal of transitioning to all electric, heavy-duty trucks and cargo-handling equipment. It will eliminate the reliance on fossil fuels in cargo handling operations. This new infrastructure in the maritime area will serve the former Oakland Army Base and Outer Harbor sites. The project will also improve the maritime area’s electrical grid resiliency. [→ 02](#)



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Major step on clean energy project *from page 1*

In December 2021 the Port of Oakland received a federal Port Infrastructure Development Program grant award from the U.S. Department of Transportation. The grant is for upgrading a portion of the Port's utility system and increasing its renewable energy capacity.

These design efforts will support implementation of that project. The Port said it's grateful to the U.S. Maritime Administration (MARAD) for helping fund these upgrades that support the Port's clean energy and power resiliency goals.

In 2019, the Port approved a bold initiative to create a zero-emissions seaport. The Seaport Air Quality 2020 and Beyond Plan provides the strategy and process for the transition from a fossil fuel-based seaport to a zero-emissions seaport. Providing electrical infrastructure systems to support zero-emissions equipment and operations is essential to decarbonizing the Oakland Seaport and delivering air quality and community health benefits. The Port is continuing to work with regional, state and federal partners to advance and implement clean energy and zero-emissions initiatives throughout the Port. ●



The new clean energy substation will support electric cargo handling equipment such as electric truck chargers at the Oakland Seaport.

Maritime Moments

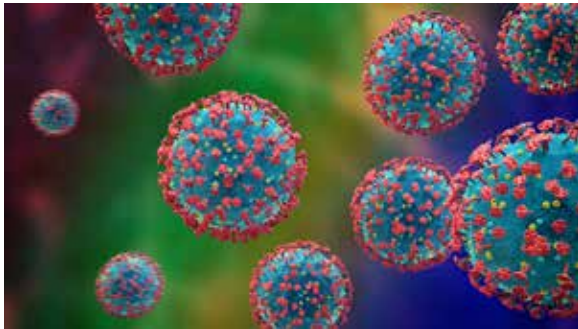


THIS IMAGE SHOWS BREAK-BULK CARGO OPERATIONS (CARGO BROKEN DOWN INTO SMALL UNITS) IN THE 1950S. CARGO HANDLING UTILIZED SEVERAL MECHANICAL AIDS TO HELP, INCLUDING SHIPBOARD DERRICKS AND LAND-BASED TRACTORS AND TRAILERS, BUT IT REMAINED A SLOW AND HARD PROCESS, TAKING UP TO THREE WEEKS TO UNLOAD AND LOAD A FREIGHTER.

WE'VE COME A LONG WAY SINCE THEN!

INDUSTRY RESOURCE LINKS:

- ▲ [Oakland Portal](#)
- ▲ [Oakland Seaport Map](#)
- ▲ [Ocean Carrier Services](#)
- ▲ [Shipping Forms & Permits](#)
- ▲ [Shore Power & Vessel Commissioning](#)
- ▲ [Trucker Resources](#)
- ▲ [TWIC](#)
- ▲ [Maritime Services Directory](#)



COVID UPDATES

- [Tracking COVID-19](#)
[California Department of Public Health COVID page](#)
- [Free confidential COVID testing](#)
[Find a testing site](#)

Port of Oakland July volume drops 28 percent from July 2021

Week-long trucker protest caused further congestion, reduced overall volume

The Port of Oakland's total loaded container volume dropped by 28% in July compared to July 2021. Last month 116,629 loaded TEUs (twenty-foot containers) moved through the port, compared to 162,898 in July 2021.

Loaded imports were down by 26.7% recording 69,463 TEUs last month compared to 94,745 in July 2021.

Loaded export containers experienced a 30.8% decline, with 47,166 TEUs transiting through the port in July compared to 68,153 TEUs in July 2021.

"The Port was closed nearly a week last month due to the trucker protests voicing concern over AB5," said Port of Oakland Maritime Director Bryan Brandes. "This congestion reduced our overall July volume."

Full imports in 2022 year-to-date are down 4% compared to the first 7 months of 2021.

The Port of Oakland is experiencing on-going supply chain issues which have been exacerbated by a week-long boycott by independent truckers protesting the state law AB5. The protest snarled port operations, slowing the unloading of inbound ships, and delaying imports from leaving the terminals.

Congestion in the container yards hindered the terminals' ability to load ships with goods destined for export. The disruption caused by the strike and supply chain issues are making it harder for exporters to coordinate shipping activities and get their goods out of the port.

It is estimated that it could take a month before the port traffic recovers from the protest.

Additionally, rates charged to ship containers from Asia to the US continued to decline, pointing to a possible decrease in demand for imports. ●