

FACT SHEET

POWERING PROGRESS: ELECTRIFICATION OF MATERIALS AND EQUIPMENT TRANSPORT AT THE PORT OF OAKLAND



In 2019, the Port of Oakland formalized its commitment to becoming a zero-emissions Seaport by adopting the [Seaport Air Quality 2020 and Beyond Plan: the Pathway to Zero Emissions \(2020 and Beyond Plan\)](#). The 2020 and Beyond Plan lays out the framework and strategy for the Port of Oakland's transition to the use of zero-emissions equipment for operations at its marine terminals and off-dock facilities. The **Powering Progress: Electrification of Materials and Equipment Transport at Port of Oakland Project** proposed for the FHWA's FY 2022-2023 Reduction of Truck Emissions at Port Facilities Grant Program (RTEPF) implements actions in the 2020 and Beyond Plan and supports the emissions reduction goals of several State, regional, and local plans.

The Port of Oakland (Port), in partnership with Eagle Rock Aggregates (Eagle Rock), proposes to: purchase for Port operations, one (1) Class 8 electric truck and one (1) charging station to replace a current diesel vehicle; and purchase for Eagle Rock operations, four (4) electric Class 8 drayage trucks, one (1) electric street sweeper, one (1) electric pickup truck, and eight (8) electric vehicle chargers to be utilized in place of diesel-based vehicles for operations at the Eagle Rock terminal facility at the Port and the nearby Central Concrete plant. The project will help the Port and Eagle Rock minimize its vehicle idling, emissions, and environmental impact on Port workers and the neighboring historically disadvantaged community of West Oakland.



Key benefits include:

- Reduction in harmful emissions associated with negative health impacts from truck idling and travel within and near the Port for workers at the Port and disadvantaged environmental-justice communities directly adjacent to the Port.
- Reduction in noise for the neighboring community and for Port workers and truck drivers, improving the work environment, and lessening driver fatigue.
- Supports several State, regional, and local plans, programs, and other efforts to reduce the Port's impact on climate change, reduce historical inequities to nearby communities, and contribute to a more sustainable future.

The zero-emissions vehicles and charging equipment under this Project would be in operational by 2025. Costs with a total estimated cost of \$5.1 million.

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