

Item: 10A

Date: 4/26/24

Department of Ecology VW Grant Funding Electric Yard Truck in Port Owned Fleet Briefing

Rick Atkinson, Director, Equipment Maintenance

Port of Tacoma Commission Meeting

April 26, 2024



- Awarded \$244,318 in state VW grant funding towards electric yard truck and mobile charging unit.
- First deployment of ZE equipment in the port-owned fleet, will help meet the goals of the Northwest Ports Clean Air Strategy, and act as a demonstration to port tenants of ZE cargo-handling equipment.

Project Description

- Port will purchase one battery-electric yard truck and mobile charging unit
- Based at Terminal 7, but mobile charger will allow it to be deployed anywhere
- Will replace a Tier 0 (1991) diesel yard truck (to be scrapped)
- Eliminates 490 gallons of diesel and 5.5 ton GHGs
- Builds on SIM yard truck project using DERA grant



- Northwest Ports Clean Air Strategy vision to phase out all seaport-related emissions by 2050 or sooner.
- POT Resolution 2023-12-PT: accelerating the Port's own Scope 1 and 2 GHG emission targets to 2040.
- Facilitative Leadership – demonstrate to tenants and supply chain partners.

Activity	Timeframe
Execute Grant	April 2024
Advertise for Bid	April 2024
Notice of Award	June 2024
Delivery of Equipment	September 2024
Scrap Old Equipment	October 2024
Close Grant	October 2024

Financial Summary

- Total Project Cost: \$350,000
- DOE/VW grant funding: \$244,318.91
- Port funding: \$105,681.09
- Any costs over and above to be met by the Port.





Thank You

Questions & Discussion

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