



WEST COAST COLLABORATIVE
A public-private partnership to reduce diesel emissions



American Recovery and Reinvestment Act: Port of Tacoma Shorepower Project

Under the American Recovery and Reinvestment Act of 2009 (ARRA) funding for the National Clean Diesel Grant Program, the U.S. EPA will provide the Port of Tacoma \$1,488,080 in funding for its Ocean Going Vessel Shorepower Project. The project will be implemented with an additional \$1,101,303 in leveraged matching funds.

What is the purpose of this project?

The project will reduce diesel emissions and greenhouse gas emissions by retrofitting two ocean-going vessels and adding certified ship-side technology and installation of a shore-side connection system and alternative maritime power at the Totem Ocean Trailer Express (TOTE) Terminal at the Port of Tacoma.

Why is this project important for air quality?

This project will reduce diesel particulate matter (DPM), NOx and greenhouse gas emissions (carbon dioxide) by an estimated 90% for at-berth vessels by eliminating idling at the terminal. The project will improve air quality and human health along goods movement corridors in the northwest U.S. and will also help mitigate long term climate change impacts.

How does this project relate to the Recovery Act Funding Priorities?

- **Job Preservation and Creation** This project will create and/or preserve jobs for marine engine and equipment manufacturing, maintenance, and installation.
- **Assist Those Affected By Current Economic Conditions** The jobs supported by goods movement through the Puget Sound region are crucial for the local and regional economy. This project directly supports the port and its tenant companies, providing opportunities to workers who have been experiencing severe economic constraints.
- **Increase Economic Efficiency** The project will invest in shorepower infrastructure, enabling shippers to save an estimated 225,000 gallons of bunker fuel annually. This infrastructure will also provide an incentive for shippers and destination ports to adapt their vessels and facilities for shorepower.

How do I find out more about ARRA?

For more information regarding the American Recovery and Reinvestment Act, please visit the Recovery Homepage www.recovery.gov, and www.epa.gov/otag/eparecovery/

What Is the West Coast Collaborative and How Do I Find Out More?

The West Coast Collaborative is a partnership between leaders from federal, state, and local government, the private sector, and environmental groups committed to reducing diesel emissions along the West Coast. The West Coast Collaborative is part of the National Clean Diesel Campaign: www.epa.gov/cleandiesel

For more information about the Port of Tacoma, please visit www.portoftacoma.com/.