



WEST COAST COLLABORATIVE

Public-private partnership to reduce diesel emissions

The goal of the Collaborative is to leverage federal funds to strategically reduce emissions from the most polluting diesel sources in impacted communities. The Collaborative seeks to improve air quality and public health by targeting the highest polluting engines with the most cost effective control strategies.

Princess Cruises Shore Power Project

The West Coast Collaborative is pleased to announce a \$50,000 grant to the Port of Seattle to install shore power for two Princess Cruise ships with \$1.5-1.8 million in matching funds.

What is the Princess Cruises Shore Power Project?

Princess Cruises has outfitted its ships with custom-built, state-of-the-art technology that will connect ships' electrical networks to electrical distribution equipment located at the Port of Seattle, where two ships are based during the summer. When the ships arrive at the port, they will be "plugged in" to the shore side power through five flexible electrical cables, which run to a nearby transformer. The ship's diesel engines will then be powered down and the electric power will be used to run all of the onboard services and equipment while the ships are in port.

Why is this project important?

The two ships will visit Seattle 40 times in 2005 with an average stay of nine hours per visit and an estimated onboard power usage of 100,000 kilowatts/day. Approximately 35 metric tons of turbine engine fuel will be

eliminated per ship call by connecting to shore side power and a total of 1,400 metric tons of fuel will be saved over the entire summer.

How is this project funded?

EPA is providing \$50,000 to the Port of Seattle; and Princess Cruises, the Port of Seattle, Puget Sound Clean Air Agency and Seattle City Light are investing between \$1.5 and \$1.8 million. A \$500,000 per ship investment was made to enable the vessels to connect to electric power on shore.

What is the Collaborative?

The West Coast Collaborative is an ambitious partnership between leaders from federal, state, and local government, the private sector, and environmental groups committed to reducing diesel emissions along the West Coast. Partners come from all over Western North America, including California, Oregon, Washington, Alaska, Arizona, Idaho, Nevada, Hawaii, Canada and Mexico. The Collaborative is part of the National Clean Diesel Campaign (www.epa.gov/cleandiesel).

How can I find out more about this project or the Collaborative?

For more information about the Princess Cruises Shore Power Project, please contact Barbara Cole of the Port of Seattle at cole.b@portseattle.org or 206-728-3326. For more information about the West Coast Collaborative, please contact Peter Murchie (murchie.peter@epa.gov, 503-326-6554) or visit our website at www.westcoastcollaborative.org.