



WEST COAST COLLABORATIVE

A 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.

DERA 2011 - Tanana Chief Conference (Alaska) – Diesel Generator Replacement Project

The EPA funded The Tanana Chief Conference (a non-profit tribal consortium) with \$59,000 under the Diesel Emission Reduction Act (DERA), in September 2011, to replace one existing diesel engine in the Fort Yukon (FYU) power plant. The project will be implemented with \$19,667 in leveraged funding.

What is the Project?

The Tanana Chief Conference will replace one existing stationary diesel engine with a new engine that meets EPA Tier III emission standards, and is part of a complete power plant replacement project under the Alaska Energy Authority (AEA) Rural Power System Upgrade Program (RPSU). The Alaska Energy Authority has agreed to contribute 25% cost share towards the purchase of a new gen-set engine under this project.

Why is this project important?

Fort Yukon is a rural community of approximately 587 people on the Yukon River about 145 air miles northeast of Fairbanks. The city power plant sits in the center of the village with diesel generators running 24 hours per day, with continuous exhaust emission in close proximity to this small community. The diesel engine replacement project is part of a larger project under the Alaska Energy Authority (AEA) Rural Power System Update Program (RPSU)

What are the estimated environmental/economic benefits?

The engine replacement will achieve the following lifetime reductions: 4.7 tons of NO_x, 0.22 tons of particulate matter (PM), and .73tons of CO₂.

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 the Collaborative?

For more information, on the West Coast Collaborative, please visit our website at www.westcoastcollaborative.org. For more information about this project or about the Marine Vessels & Ports Sector, please contact Wayne Elson at elson.wayne@epa.gov