



## 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 2021: Alaska Energy Authority – Prime Power Diesel Engine Replacement Program

Under the Diesel Emission Reduction Act (DERA), the U.S. Environmental Protection Agency (EPA) awarded Alaska Energy Authority (AEA) a \$506,679 grant with Fiscal Year 2021 funding. The grant will fund the replacement of prime power diesel genset engines to support reduced emissions and improved air quality in rural Alaska communities. The project will be implemented with a cost share of \$168,893 from the project partners and \$337,786 in funds from the State of Alaska for a total project cost of \$1,013,358.

### What is the Project?

Alaska Energy Authority (AEA) will work with the Alaska Department of Environmental Conservation (ADEC) Division of Air Quality to replace up to ten diesel engines that are the primary source of power in various rural Alaska communities. Since these rural communities are not connected to the electrical grid, they rely on diesel power plants with high-emitting diesel engines to continuously supply power. This grant will fund the replacement of up to ten non-certified and lower tier diesel engines with Tier 2 and Tier 3 marine engines and low PM emitting nonroad engines.

### Why is this Project Important?

In rural Alaska, communities are not connected to an electric grid and must generate power in their local community; small diesel power plants are used across the state for this purpose. These plants have at least one diesel engine running continuously. Although the air quality in rural Alaska is typically quite good, power plants are often located in the center of these communities, exposing residents to pollution from them. Replacing prime power diesel engines will reduce exposure to criteria pollutants and hazardous air pollutants, decrease greenhouse gas emissions, and maintain the economic vitality of the state.

### How is this Project Funded?

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

### Where can I find more information?

For more information on the West Coast Collaborative, please visit our website at: [www.westcoastcollaborative.org](http://www.westcoastcollaborative.org). For more information about this project, please contact Lucita Valiere at [Valiere.Lucita@epa.gov](mailto:Valiere.Lucita@epa.gov)