



WEST COAST COLLABORATIVE

A public-private partnership to reduce diesel emissions



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

Tribal DERA 2016: Confederated Tribes of the Colville Reservation – Truck Stop Electrification Project

Under the Diesel Emission Reduction Act (DERA), the EPA awarded the Confederated Tribes of the Colville Reservation located in Washington State a \$99,290 grant with FY2016 funding. The grant will help to fund a project on their reservation to reduce idling emissions from diesel trucks by installing 18 Truck Stop Electrification (TSE) units at the Half Sun Travel Plaza on the Confederated Tribes of the Colville Reservation. The target vehicles are on-road, long haul, heavy-duty Class 8 trucks and tractor trailers. The project will be implemented with a mandatory cost share from the Colville Reservation of \$154,000, leading to a total project cost of \$253,290

What is the Project?

The Confederated Tribes of the Colville Reservation and their project partner, IdleAire, will install 18 Truck Stop Electrification (TSE) units at the Half Sun Travel Plaza located off of Interstate I-90 in the Moses Lake area of the Colville Reservation at Highway Exit 176.

Why is this project important?

The project will install and promote anti-idling equipment where no such equipment currently exists. This project is designed to reduce extended idling from on-road, long-haul, heavy duty Class 8 trucks and tractor trailers which currently can idle for extended periods close to homes, work places, or schools.

What are the estimated environmental benefits?

The project is expected to reduce fine particulate matter (PM2.5) emissions with an annual reduction of 0.523 short tons; NOx emissions with an annual reduction of 6.988 short tons; HC with an annual reduction of 0.769 short tons; CO with an annual reduction of 1.918 short tons; and CO2 with an annual reduction of 42.1 short tons.

What is the Collaborative?

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.

How can I find more information?

For more information on the West Coast Collaborative, please visit our website at:

www.westcoastcollaborative.org.

For more information about this project, please contact Lucita Valiere at valiere.lucita@epa.gov.