



WEST COAST COLLABORATIVE

A public-private partnership to reduce diesel emissions

2009-2010 DERA Grants in the Western U.S.

In the 2009-2010 fiscal year, the United States Environmental Protection Agency (USEPA) awarded over \$18.4 Million in Diesel Emissions Reduction Act (DERA) grant funds through the West Coast Collaborative (WCC). These awards are intended to assist states, cities, tribes, and non-profits in reducing diesel emissions and protecting public health throughout the western U.S. States covered under the 2009-2010 WCC clean diesel grant awards include: Alaska, Arizona, California, Hawaii, Idaho, Nevada, Oregon, and Washington.

2009-2010 WCC Clean Diesel Grant Totals

Grant Funding = \$18,405,166
Matching Funds = \$29,401,232
Engines Upgraded = 9,265
Monetary Health Benefits = \$699,206,656
Emission Reductions (project lifetime):
Nitrogen Oxides (NOx) = 11,034 tons
Particulate Matter (PM) = 438 tons

WCC Clean Diesel Grant Project Descriptions

Region 10 – Pacific Northwest

Alaska Department of Environmental Conservation - \$352,941 to repower older Tier 1 and Tier 2 marine engines.

Cascade Sierra Solutions, OR & WA - \$847,941 to replace 21 trucks with hybrid electric trucks and replace an additional 21 trucks with clean diesel trucks.

Idaho Department of Environmental Quality - \$235,294 to retrofit 202 buses with diesel oxidation catalyst (DOC) and close crank case systems.

Oregon Department of Environmental Quality - \$482,476 to repower engines on 4 pilot launch boats and 1 towboat. \$352,941 to install advanced exhaust controls on 166 refuse hauler trucks used in residential collection services throughout the Portland metropolitan area.

Pacific Northwest Pollution Prevention Resource Center, WA - \$875,972 to outfit 2,058 dry van trailers with advanced trailer side skirts that increase vehicle fuel economy.

Washington State Department of Ecology - \$875,972 to install engine pre-heater and cabin heaters on 230 public school buses in 11 Washington State school districts. \$352,941 to install verified retrofit exhaust control technologies, certified engine rebuild and repower technologies, vehicle and equipment replacement, and idle reduction technologies on 46 publicly and privately owned heavy-duty diesel engines.

Region 9 – Pacific Southwest

Arizona Department of Commerce - \$610,828 to replace 8 heavy-duty trucks with compressed natural gas (CNG) trucks, replace 2 heavy-duty trucks with new clean diesel trucks, replace 2 medium-duty trucks with all-electric trucks, and retrofit 97 trailers and tractors with more fuel efficient tires.

Arizona Department of Environmental Quality - \$235,200 to retrofit 30 school buses with diesel particulate filters (DPFs) in Pinal County school district.

California Air Resources Board (CARB) - \$3,949,496 to repower 4 switch yard locomotives with new Tier 3 engines. \$705,882 to replace 9 heavy-duty dump trucks and 11 wreckers and trash trucks with new vehicles.

Hawaii Department of Health - \$470,400 to replace older diesel-fueled equipment and vehicles owned and operated by Honolulu Board of Water Supply.

Honolulu Clean Cities, HI - \$300,000 to convert 60 paratransit buses from ultra-low sulfur diesel (ULSD) to B20 biodiesel fuel, and to install DPF retrofits on 4 pieces of construction equipment.

Morongo Band of Mission Indians, CA - \$250,000 to retrofit 4 school buses, 1 construction vehicle, 1 utility vehicle, 1 charter bus, and replace 2 school buses with CNG buses.

Nevada Division of Environmental Protection - \$705,882 to install fuel operated heaters on at least 150 school buses operating in 17 different Nevada school districts.

Port of Long Beach (City of Long Beach Harbor Department), CA - \$1,648,035 to repower 3 harbor vessels and 1 piece of cargo-handling equipment, as well as to retrofit 4 pieces of cargo-handling equipment.

Port of Los Angeles (City of Los Angeles Harbor Department), CA - \$1,212,838 for infrastructure needed to connect ocean-going vessels (OGVs) to shore-side power.

Port of San Francisco (San Francisco Port Commission), CA - \$1,000,000 to install a shore-to-ship electrical connection system for berthed cruise ships.

San Joaquin Valley Air Pollution Control District (SJVAPCD), CA - \$1,796,474 to replace approximately 48 on-road heavy-duty trucks with new clean diesel trucks.

Soboba Band of Luiseño Indians, CA - \$78,000 to retrofit 6 school buses with DPFs.

South Coast Air Quality Management District (SCAQMD), CA - \$1,065,465 to replace 43 pre-1994 diesel school buses with CNG powered school buses.