

WEST COAST COLLABORATIVE'S

DIESEL EMISSIONS REDUCTION ACT

Summary of 2019–2020 Grants

The West Coast Collaborative, through U.S. Environmental Protection Agency's (EPA) Region's 9 and 10, provides Diesel Emissions Reduction Act (DERA) grants to assist Federal territories, states, local governments, tribes and non-profits to reduce diesel emissions under the EPA's DERA National, State and Tribal Insular Areas and Rebate Programs.

These air emission reductions generate significant public health benefits by reducing human exposure to harmful diesel exhaust within affected communities. Further, these DERA investments advance new diesel emission reduction technologies and provide domestic economic development opportunities and local jobs.

See a summary of the Collaborative's total DERA funding, affected engines and estimated emission reductions. Additionally, a summary of the 2019–2020 DERA National, State and Tribal projects in the western states and U.S. Pacific Island territories are provided. To learn more about any of these projects, visit the Collaborative's Projects website: westcoastcollaborative.org/projects-list.html

Total Anticipated Lifetime Emission Reductions:¹

10,447 tons
Hydrocarbons (HC)

161,456 tons
Carbon Monoxide (CO)

700,782 tons
Carbon Dioxide (CO₂)

33,790 tons
Fine Particulate Matter (PM_{2.5})

60,157 tons
Nitrous Oxide (NO_x)

Total DERA Funding to date:

\$183,650,436
EPA Funds

\$334,552,461
Leveraged Funds

\$518,202,897
Total Funding²

Total Anticipated Engines Upgraded or Replaced:

520
engines

1. Additional Emission Reductions have occurred.

2. DERA grant data includes fiscal years 2007-2020.

Fiscal Year 2019 DERA Grants

Region 9 Pacific Southwest

San Joaquin Valley Unified Air Pollution Control District - \$2,350,000 National Program to replace 103 diesel-powered agricultural tractors with new off-road agricultural equipment.

City of Long Beach Harbor Department - \$1,500,000 National Program to replace three rubber-tired gantry cranes operating at the Port of Long Beach.

Morongo Band of Mission Indians - \$283,841 Tribal Program to replace two school buses and two backhoes operating on the Morongo Reservation.

San Joaquin Valley Unified Air Pollution Control District - \$2,364,974 National Program to purchase 17 zero-emission electric trucks that will operate in California's Central Valley.

Blue Lake Rancheria - \$78,562 Tribal Program to replace a wildland fire engine operating on the Blue Lake Rancheria with a new, cleaner diesel model.

Nevada Division of Environmental Protection - \$477,788 State Program to replace 10 legacy diesel school buses and 5 municipal public works vehicles heavy-duty diesel vehicles operating throughout Nevada.

City of Phoenix - \$1,000,000 National Program to replace 10 heavy-duty diesel refuse trucks in Arizona.

Hawaii Department of Health Clean Air Branch - \$474,474 State Program to replace heavy-duty diesel vehicles in partnership with three government agencies.

Maricopa County Air Quality Department - \$486,183 State Program to replace legacy diesel school buses and heavy-duty trucks in Arizona.

Guam EPA - \$78,849 State Program to purchase 3 new, cleaner diesel-fueled school buses in the rural U.S. territory island.

California Air Resources Board - \$556,361 State Program to replace heavy-duty school buses with zero-emission electric buses.

American Samoa Power Authority - \$118,038 State Program to purchase four zero-emission battery-electric pickup trucks to the rural U.S. territory island.

South Coast Air Quality Management District - \$2,289,581 National Program to replace 35 diesel trucks with new trucks powered by compressed natural gas.

San Joaquin Valley Unified Air Pollution Control District - \$2,246,080 National Program to replace 3 diesel locomotives operating in the San Joaquin Valley.

Region 10 Pacific Northwest

The Swinomish Indian Tribal Community - \$542,733 Tribal Program to fund the replacement of high-emitting marine engines to support reduced emissions and improve air quality.

Louden Tribal Council - \$468,230 Tribal Program to replace a diesel generator with a new, low emission diesel generator and the upgrade of the switchgear from a manual to automatic system to provide power to the community of Galena.

Alaska Energy Authority - \$473,262 State Program to replace up to 25 prime-powered diesel generator engines in rural Alaska communities with newer, more fuel-efficient marine and low PM emitting non-road engines.

Tanana Chiefs Conference - \$149,528 Tribal Program to replace stationary, non-road diesel generators with low-emission generators in two rural Alaskan villages.

Village of Chefnak - \$396,580 Tribal Program for the replacement of two stationary, non-road diesel generators with two low-emission, marine generators used to provide power to the community of Chefnak.

Northwest Seaport Alliance - \$1,000,000 National Program to fund the installation of infrastructure to supply ocean-going vessels with shore power, supporting reduced emissions and improved air quality in Tacoma.

Washington Department of Ecology - \$486,939 State Program to fund a tugboat re-power project to support reduced emissions and improved air quality in Washington communities.

The Lummi Tribe of the Lummi Reservation - \$416,418 Tribal Program to fund marine engine replacements to nine marine fisheries vessels with new, low-emission diesel engines.

The Quinault Indian Nation - \$171,407 Tribal Program to fund marine engine replacements on one marine fishing vessel with new, low emission diesel engines.

City of Tacoma - \$542,684 National Program to fund the replacement of diesel-powered trucks from the Solid Waste Management fleet to support reduced emissions and improve air quality in the City of Tacoma.

Columbia Willamette Clean Cities Coalition - \$504,606 National Program to replace a diesel-only powered refrigerated trailers with zero-emission battery electric-solar refrigerated trailers.

Oregon Department of Environmental Quality - \$480,359 State Program to fund a school bus retrofit and replacement project to support reduced emissions and improved air quality in Oregon communities.

Fiscal Year 2020 DERA Grants

Region 9 Pacific Southwest

San Joaquin Valley Unified Air Pollution Control District - \$3,250,000 National Program to replace off-road mobile agricultural equipment operating in the San Joaquin Valley.

Commonwealth Northern Marianas Islands - \$81,441 State Program to replace one new, cleaner diesel-fueled agricultural tractor in this rural U.S. territory island.

San Diego County Air Pollution Control District - \$2,017,660 National Program to replace a diesel tugboat with a new tugboat powered by zero-emission electric propulsion system.

San Joaquin Valley Unified Air Pollution Control District - \$3,615,564 National Program to purchase 23 zero-emission electric trucks that will operate in California's Central Valley.

Hawaii Department of Health Clean Air Branch - \$494,592 State Program to replace 3 older vehicles with fully battery-electric vehicles.

City of Phoenix - \$1,096,362 National Program to replace 9 heavy-duty diesel refuse trucks in Arizona

Maricopa County Air Quality Department - \$520,724 State Program to replace 12 legacy diesel school buses and heavy-duty trucks in Arizona.

California Air Resources Board - \$680,997 State Program to replace 6 heavy-duty school buses with zero-emission electric buses.

South Coast Air Quality Management District - \$2,240,721 National Program to purchase hybrid-electric and all-electric Transport Refrigeration Units with trailers and 194 electrified parking spaces.

American Samoa - \$121,883 State Program to replace 1 battery-electric truck and install electric vehicle charging stations.

Nevada Division of Environmental Protection - \$501,554 State Program to replace 5 heavy-duty diesel school buses with zero emission battery-electric buses operating throughout Nevada.

Guam EPA - \$122,709 State Program to purchase 3 new, cleaner diesel-dueled school buses in this rural U.S. territory island.

Region 10 Pacific Northwest

Alaska Energy Authority - \$491,217 State Program to fund up to five sub-award grants to replace 10 prime power diesel engines in the rural Alaska communities.

Buckland IRA Tribal Council - \$484,923 Tribal Program to replace two stationary diesel generators and update their existing monitoring system.

Kawerak Inc. - \$155,000 Tribal Program to replace the existing generator with a marine gen-set in the powerplant and update the switchgear in Diamede, Alaska.

Louden Tribal Council - \$481,466 Tribal Program to replace a non-tiered engine set with clearer gen-set in the Galena powerplant.

Tanana Chiefs Conference - \$519,716 Tribal Program to replace two unregulated diesel gen-sets with two cleaner gen-sets.

Northwest Seaport Alliance - \$782,482 National Program to replace six diesel tractors with six fully battery-electric zero-emission terminal tractors, supporting reduced emissions and improved air quality in tacoma

Columbia Corridor Association - \$348,320 National Program to replace a switch locomotive used in its industrial facility in north Portland, Oregon.

Washington Department of Ecology - \$522,450 State Program to fund a yard truck and lift truck replacement projects to support reduced emissions and improved air quality in Washington communities

Port of Seattle - \$323,776 National Program to fund the installation of infrastructure to supply ocean-going cruise vessels with shore power, supporting reduced emissions and improved air quality in Seattle

Quinault Indian Nation - \$200,000 Tribal Program to replace 1 diesel marine engine and one diesel Auxiliary engine on one vessel with two current EPA standard marine diesel engines.

Swinomish Indian Tribal Community - \$199,330 Tribal Program to replace 2 marine diesel engines with new, low-emission marine engines.

Idaho Department of Environmental Quality - \$108,000 National Program for the replacement of up to 4 school bus replacements in Franklin and Shoshone Counties.

Idaho Department of Environmental Quality - \$108,000 National Program for the replacement of up to 4 school bus replacements in Franklin and Shoshone Counties to reduce diesel emissions.

Oregon Department of Environmental Quality - \$507,425 State Program to fund a school bus retrofit and replacement project.

Professional Business Development Group- \$541,234 National Program to fund the replacement of diesel-powered trucks.

Idaho Department of Environmental Quality - \$495,669 State Program to replace 30 school bus replacements in Franklin and Shoshone Counties.