



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.

Deploying Battery-Electric, Zero-Emission UPS Delivery Trucks throughout Impacted Communities in Sacramento and San Bernardino

The U.S. Environmental Protection Agency (EPA) West Coast Collaborative (WCC) awarded the Sacramento Metropolitan Air Quality Management District (Sacramento District) and the South Coast Air Quality Management District (South Coast District) a total of \$1,538,000 to replace 43 medium-duty diesel engines with battery-electric trucks delivery trucks.

What is this project?

The EPA West Coast Collaborative has funded the South Coast Air Quality Management District \$1,400,000 to replace 40 dirty, old medium-duty UPS urban trucks with fully electric trucks in San Bernardino. Under the Diesel Emission Reduction Act (DERA), EPA funded the Sacramento Air District \$138,000 to replace three UPS delivery trucks that will operate throughout Sacramento. This project replaces trucks that are model year 2003 or older, whose principal operations are in highly impacted communities.

Why is this project important?

The proposed project targets 1989 to 2002 model year medium-duty and medium heavy-duty diesel trucks ranging in weight from 10,000 to 26,000 pounds GVWR. These delivery vehicles service in and around

the San Bernardino and Sacramento UPS facilities in areas that are disproportionately impacted by diesel trucks and locomotives. In addition to this EPA funding, the California Air Resource Board's Hybrid Truck and Bus Voucher Incentive Program provided an additional \$10,000 to \$45,000 per truck. The California Energy Commission also provided funding, including a grant to Electric Vehicle International, the electric truck manufacture located in Stockton, CA.

What are the environmental and health benefits?

As these vehicles produce no tailpipe emissions, the air quality benefits and fuel reductions prove significant. The annual emission reductions for 100 trucks include the following tons: 22 tons of NOx, 1.19 tons of PM, 1.97 tons of HC, 8.34 tons of CO and 6,135 tons of CO2 while comparing 2004 model year Class 6 diesel delivery trucks. These 100 trucks will reduce approximately 2.4 million gallons of diesel fuel per year.

What is the West Coast Collaborative?

The West Coast Collaborative is an ambitious public-private 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, Pacific Island Territories, Canada and Mexico. The West Coast Collaborative is part of the National Clean Diesel Campaign (<http://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