



The West Coast Collaborative is a public-private partnership focused on reducing diesel emissions throughout western North America and the U.S. Pacific Islands. The Collaborative seeks to significantly improve air quality and public health by providing assistance to upgrade high-polluting diesel-fueled engines, vehicles and equipment with cost-effective and cleaner emission control technologies.

# DERA National 2021: Cajon Valley Unified School District Zero Emission Battery Electric Trucks



**Where:**

San Diego County, CA



**Grantee:**

Cajon Valley Union School District



**Replacing:**

5 diesel trucks with 3 battery electric trucks



**Funding:**

\$304,500 U.S. EPA's DERA  
\$542,659 CVUSD Matched  
\$119,211 Voluntary Cost-Share Funds



**Emissions Reduced:\***

0.026 tons of PM<sub>2.5</sub>  
0.275 tons of NO<sub>x</sub>  
0.153 tons of CO  
0.049 tons of HC  
41.8 tons of CO<sub>2</sub>



**What is the Collaborative?**

The West Coast Collaborative is a partnership among leaders from federal, tribal, state, and local governments, the private sector and environmental and community groups in EPA Regions 9 and 10.

The West Coast Collaborative is pleased to announce the Cajon Valley Union School District's (CVUSD's) receipt of a U.S. Environmental Protection Agency (U.S. EPA) Diesel Emissions Reduction Act (DERA) National Grant to replace five class 6 diesel trucks with three class 6 Battery Electric trucks. This project will be implemented using \$304,500 in DERA grant funding combined with \$542,659 in cost-share funds from CVUSD including \$119,211 in voluntary cost-share funds.

### What is this Project?

This project will replace 5 model year (MY) 2002-2007, class 6 diesel trucks with 3 zero tailpipe emission battery electric trucks. These new trucks will be powered by 2022 model year engines, that meet or exceed U.S. EPA emission standards.

### Why is this Project Important?

This Project will accelerate the deployment of commercially available heavy-duty, zero-emission, trucks and benefit disadvantaged communities throughout San Diego County. The project will reduce tailpipe emissions in communities disproportionately affected by diesel exhaust and poor air quality. Exposure to diesel exhaust has been associated with decreased lung function and retarded lung development and can also exacerbate the symptoms of asthma, bronchitis, and pneumonia. The project will significantly reduce criteria pollutant and GHG emissions reducing disadvantaged communities' exposure to diesel emissions as well as the negative health effects associated with exposure – while demonstrating the scalability, practicality, and economic viability of wide-spread adoption of purpose-built zero-emission trucks.

### Who are the Project Partners?

This project will be administered by the CVUSD, a California school district serving El Cajon and Rancho San Diego; in partnership with First Priority Group (FPG), San Diego Gas & Electric, and NUVVE. CVUSD received this DERA grant through the Collaborative and will distribute these grant funds to UP. CVUSD will be responsible for all data monitoring and reporting.

\*Estimated air emission reductions over the remaining lifetimes of these engines.