



# DERA State 2022: California Air Resources Board School Bus Replacement



**Where:**  
California



**Grantee:**  
California Air Resources Board



**Replacing:**  
7 Diesel School Buses



**Funding:**  
\$705,417 U.S. EPA's DERA  
\$616,032 Matched  
\$1,540,000 Cost-share



**Emission Reductions:\***  
0.31 tons of PM<sub>2.5</sub>  
5.03 short tons of NO<sub>x</sub>  
2.39 tons of CO  
0.95 tons of HC



**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 (WCC) is pleased to announce the California Air Resources Board's (CARB's) receipt of a United States Environmental Protection Agency (US EPA) Diesel Emissions Reduction Act (DERA) State grant to replace heavy-duty school buses with zero-emission electric buses. This project will be implemented using \$705,417 in DERA grant funding combined with \$616,032 in matching funds from CARB, and \$1,540,000 in cost-share funds from participating fleets.

## What is this Project?

This project will be implemented through a partnership between CARB, the North Coast Unified Air Quality Management District (NCUAQMD), and participating fleets to replace 7 heavy-duty school buses with all-electric and internal combustion engine alternatives throughout areas of California.

## Why is this Project Important?

Exposure to diesel exhaust is associated with decreased lung function and can also exacerbate the symptoms of asthma, bronchitis and pneumonia. partnering with local school bus owners to replace old, higher emitting diesel school buses with zero-emission battery-electric vehicles. This project reduces human exposure to diesel emissions and therefore negative health effects associated with diesel exposure. Expected unquantifiable benefits of the project include increased awareness of the need to improve air quality, particularly among parents, school officials and others concerned with child health and welfare.

## Who are the project Partners?

The project will be led by CARB, a state agency tasked with protecting air quality in the State of California, in partnership with the CALSTART and participating HVIP school bus fleets. CARB received the DERA grant award through the WCC, will distribute the grant funds to CALSTART, which will then distribute funds to participating eligible school bus owners. CARB will be responsible for data monitoring and reporting for the project.