



THE CURRENT

Keeping West Coast School Districts Up-to-Date on Clean Fuel Programs



Electric School Buses: Promoting Greener Transportation

Transitioning to electric school buses has numerous benefits for children, the environment, and financially, it just makes sense. First, electric school buses provide a healthier and safer environment for children. Unlike traditional diesel buses, electric buses produce no harmful emissions, reducing the risk of respiratory problems and other health issues. Additionally, electric buses are quieter, reducing noise pollution and creating a more peaceful environment for students.

Second, the switch to electric school buses helps to protect the environment. The transportation sector is one of the largest contributors to greenhouse gas emissions, but

electric buses produce significantly fewer emissions than diesel buses. This shift can help to reduce air pollution, decrease the amount of harmful emissions, and mitigate the effects of climate change.

Finally, transitioning to electric school buses can also be financially advantageous. While the initial cost of an electric bus is higher than a diesel bus, the long-term cost savings can be substantial. Electric buses require less maintenance, have lower fuel costs, and have longer lifespan compared to diesel buses, which can result in substantial savings for school districts over time. Additionally, government incentives, like clean fuel programs, and subsidies for electric vehicles can help to offset the upfront cost, making the transition more affordable.



DEPARTMENT OF
ECOLOGY
State of Washington

Washington State's *NEW* Clean Fuel Standard: Moving the Needle on Climate Change

On January 1, 2023, [Washington State's Department of Ecology](#) (ECY) launched the [Clean Fuel Standard](#) (CFS), a clean fuel program similar to programs that exist in California and Oregon. The program aims for a 20% reduction in average carbon intensity from 2017 emissions by 2034. The CFS is an important policy for school districts that want to electrify their school bus fleets. The program provides a financial incentive for school districts to transition to electric school buses by creating a demand for clean fuels and providing financial support for the purchase and use of electric school buses. Through the CFS, Washington School districts can now reduce the cost of electrifying their fleets and make it easier to transition to this cleaner and more sustainable form of transportation.

For more information on the program, we interviewed Joel Creswell, Washington State's ECY Climate Policy Section Manager, for the latest episode of [The Charge Cycle podcast](#).

Any questions on this information can be directed to Robyn Trotter at Robyn@e-missioncontrol.com.

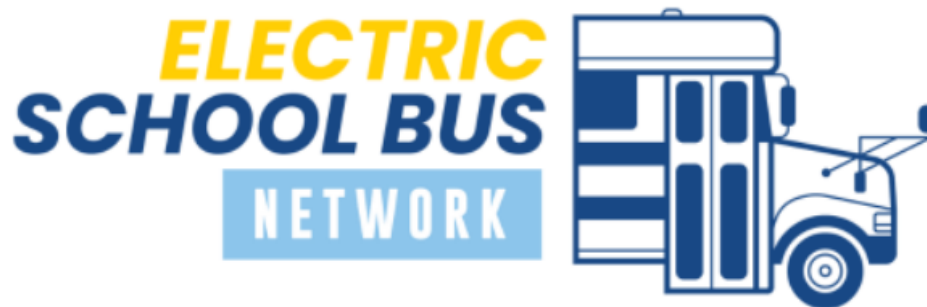
City of Culver City - LCFS Case Study Summary

The City of Culver City, near Los Angeles, California, partnered with e-Mission Control (eMC) to develop their Low Carbon Fuel Standard (LCFS) credit management program. Culver City aims to have a zero-emission battery-electric bus (BEB) fleet by 2028 and plans to subsidize their fuel costs with incentives from the California Air Resources Board's LCFS Program. eMC helps manage the LCFS credit program, maximizing the financial opportunity for Culver City.

The LCFS credits are generated by using low carbon intensity fuels such as electricity or renewable energy. eMC procures and retires Renewable Energy Certificates on behalf of Culver City to achieve a zero carbon intensity score and maximize their LCFS potential. eMC tracks energy consumption data, transacts credits on the market, and remits payments to Culver City.

Based on the current market value, standard operations, and a growing electric fleet, Culver City is projected to net \$1.6 million dollars over the next eight years to help offset energy costs and zero emission technology procurement.

[Download Full Case Study](#)



On February 1, 2023, eMC was a co-presenter for CALSTART's Electric School Bus Network webinar series. To learn more about California's LCFS and how it can help offset maintenance costs, we invite you to listen to this webinar.

[Webinar Download](#)

CURRENT FUNDING OPPORTUNITIES

California School Bus Replacement Program

The School Bus Replacement Program offers funds to replace old diesel school buses in disadvantaged and low-income communities throughout California. The California Energy Commission is helping schools embrace next-generation zero-emission vehicles and improve children's health by reducing their exposure to transportation-related air pollution. **Closed for 2022, will reopen in 2023.**

[Read more](#)

California Hybrid and Zero-Emission Truck and Bus Incentive Project (HVIP)

First-come, first-serve program. Over \$28 million available for fleets of any size; plus, an additional \$15 million set aside for fleets under 10 vehicles. *Public School Bus Set-Aside for Small and Medium Air Districts*: Fully Subscribed – but requests for school buses can be funded through Standard HVIP. HVIP vouchers make zero-emission and Low NOx buses and trucks as affordable as their traditional fossil-fueled counterparts at point of sale and reduce prices for medium- and heavy-duty hybrid vehicles. Funded vehicles include parcel, beverage, and food-distribution trucks, transit buses, shuttle buses, school buses for public school districts and more.

[Learn more](#)

Oregon School Bus Replacement Program

First-come, first-serve program. Oregon's Department of Environmental Quality (DEQ) is offering grants for the retrofitting and replacement of diesel buses in schools across the state. Funded by the Volkswagen/Audi/Porsche Diesel Emissions Settlement Program, the state of Oregon was eligible to receive \$72.9 million to support pollution mitigation projects.

The state's legislature authorized funding for school bus projects that reduced harmful diesel emissions by supporting the retrofitting or replacement of 450 diesel powered school buses in the first 10 years.

[Learn more](#)

Washington State Clean Diesel Program Ecology's Electric School Bus Grant Program 2022-2023

funding available on a competitive basis to help schools in Washington reduce toxic and greenhouse gas emissions from diesel powered school buses by scrapping and replacing old buses with new all-electric buses. Approximately \$10,000,000 is available for eligible projects. Available funding may increase as additional funds become available

[Learn more](#)

Existing Clean Fuel Programs



The California program, which started in 2011, is called the [Low Carbon Fuel Standard](#) (LCFS)



The Oregon program, which was implemented in 2016, is called the [Clean Fuels Program](#) (CFP)



The Washington program, which launched in January 2023, is called the [Clean Fuel Standard](#) (CFS).



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