

Electric School Buses

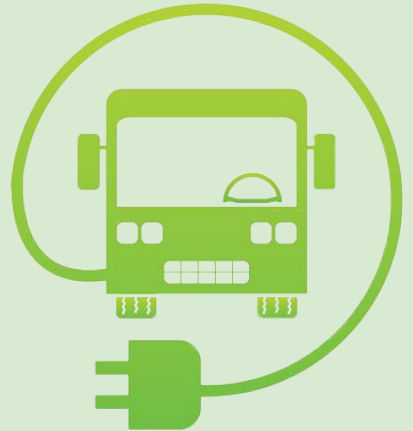
Environment • Health • Long-term savings

Proposed by Joel Grayson

Environmental Benefit

No greenhouse gas emissions except manufacturing, heating, & electricity production.

Lower emissions combat climate change.



Health Benefit

Inhaling diesel exhaust can cause lung/cardiovascular problems. Electric school buses do not emit toxic fumes.



Economics

Vehicle Cost

Electric school buses are ~4 times as expensive upfront. Both last ~12 years.

LionC Electric Bus costs \$370k

Average diesel bus costs \$100k

Fuel Cost

Electricity is cheaper than petroleum per mile.

Diesel	Electric (LionC)
\$124k lifetime	\$13k lifetime
60¢ per mile	6¢ per mile

Maintenance Cost

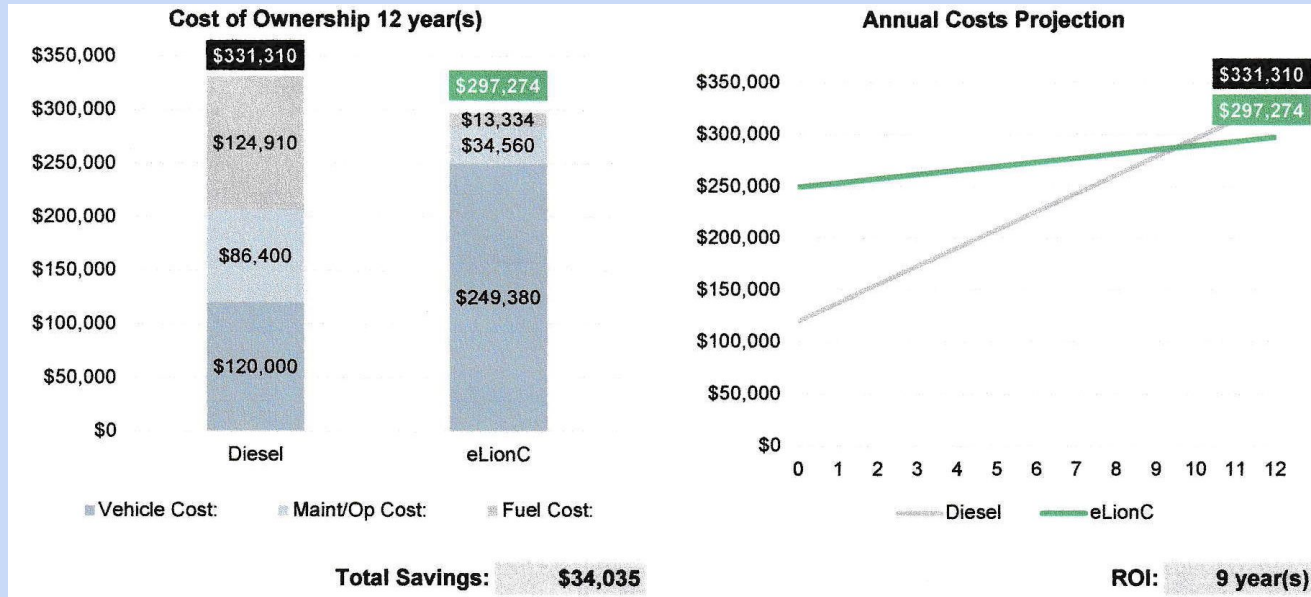
Electric buses require less maintenance.

Diesel Maintenance	Electric Maintenance (LionC)
\$86k lifetime	\$35k lifetime
40¢ per mile	16¢ per mile

*Estimates vary based on vehicle specs

Total Cost of Ownership Result

Electric school buses are cheaper over the 12-year bus lifespan due to less maintenance & lower electricity prices



Manufacturers



Blue Bird

Older, larger company producing the first electric bus in 1994.

OEM (producing all its parts)

Quarterly Revenue: \$197 million



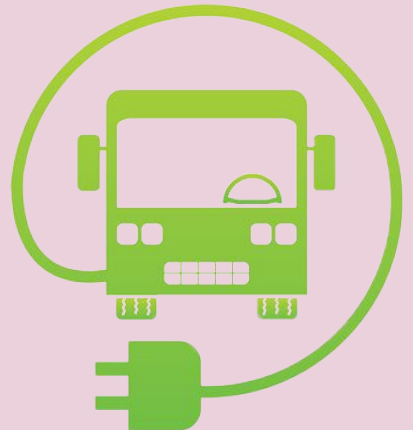
Lion Electric

Smaller company specializing in electric school buses

Quarterly Revenue: \$17 million

Implementation at Riverdale/SuperSelby

Riverdale replaces around one bus every year. Instead of buying another diesel bus as replacement, Riverdale can buy an electric bus to gradually integrate electric buses into its fleet.



If you agree, **sign the petition.**

Your signature will add pressure for Riverdale & SuperSelby to get electric school buses.

<https://forms.gle/XXSiWhcDd7howzKH8>