



Clean Rides, Healthy Kids

Electric School Buses for Wisconsin

Benefits of electric school buses

Productive learning:

Kids who ride a zero-exhaust electric bus can benefit from improved cognitive function and reduced absenteeism. Electric school buses also allow students to see science, technology, engineering, and math lessons in real-time.

More reliable energy grid:

Electric buses support Wisconsin's clean energy goals. School buses operate on predictable schedules and are parked over 75% of the year. Many utilities partner with schools to feed power back to the grid when the buses aren't in use. Innovative vehicle-to-grid (V2G) and vehicle-to-building (V2B) technology pilot programs are assessing the potential for buses to serve as battery storage and power for school buildings.

Reduced costs:

On average, diesel buses travel 6 miles per gallon [mpg], while electric buses boost that efficiency to an equivalent of 17 mpg. Electric buses can save as much as \$170,000 on fuel and maintenance throughout their lifespan.

Economic benefits:

Switching to electric school buses will help keep money in Wisconsin as we transition to renewable energy. Rather than spending millions of dollars on imported diesel fuel each year, electric school buses can help us keep our energy dollars in the state, support local jobs, and contribute to the state's economy.

Quiet and peaceful journey:

Students and drivers enjoy a quiet and smooth ride. Thanks to reduced vibration and noise, kids arrive at school calmer and ready for the day.



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Kids who ride an electric bus get a cleaner, quieter, and healthier commute, while school districts save money on fuel and maintenance. New electric buses are going to be rolling into towns across the state. We want every community to benefit from the transition to electric school buses.



Health impacts:

The majority of school buses in Wisconsin are diesel-powered. Many of these buses are eligible for replacement through the Environmental Protection Agency's Clean School Bus Program. Electric school buses are good for public health, our communities, and a clean transportation system. Wisconsin can be in the driver's seat when it comes to protecting our children's health from diesel pollution.

Diesel exhaust is a toxic mixture of gases and particulates, including known carcinogens. There is no known safe level of exposure to diesel exhaust. It is linked to numerous negative impacts on children's health and learning. Diesel fumes are associated with headaches, asthma attacks, nausea, poor concentration, impaired cognitive performance, and behavioral problems, making it difficult for students to learn.