



The Electric School Bus Coalition is comprised of a diverse stakeholder network of bus manufacturers/providers, electric utilities, NGOs, and material providers that provides critical solutions towards zero emissions by accelerating the expansion of electric school bus fleets for a cleaner, healthier economy and nation.

Cleaner Transportation Fleet & Healthier Air for Our Kids

Electric school buses are a primary solution for improving U.S. fuel economy and reducing tailpipe emissions, which reduces local air pollution and greenhouse gases emissions simultaneously. Electric school buses are a naturally equitable solution across American communities that bring significant health benefits to children who ride school buses every day, especially those in vulnerable communities where pollution levels and public bus reliance are the highest.

Economic Growth Potential

- With approximately 480,000 school buses on the road today, accelerating the deployment of electric school buses and electric vehicle charging infrastructure creates robust economic opportunities while simultaneously advancing a cleaner economy.

Global Competitiveness

- The global electric school bus market is expected to grow 19% annually over the coming years from just over \$9 billion in 2018 to almost \$32 billion by the end of 2025¹. All four major school bus manufacturers serving the North American market are manufacturing domestically, which makes school bus electrification a chance for American manufacturing leadership.

Electric Grid Support

- Electric school buses provide utilities and grid managers with an important new tool for supporting the national electrical grid during times of stress. The vehicle battery storage provides the opportunity to manage load on grid, tools for soaking up low-cost overnight or midday power while discharging it during grid-stressed evening peaks, protecting fuel independence and accelerating the integration of renewable resources

Policy Principles & Initiatives to Promote Market Growth For Electric School Buses

I. Scaling Up Financial Advancement to Offset Initial Costs of Electric School Buses

Upfront investment costs of electric school buses and lack of access grant funding remains a barrier to entry into the market. Advancing policy and regulatory support to integrate more electric school buses in State and Federal initiatives is imperative.

¹ Global Electric School Bus Market - Premium Insight, Competitive News Feed Analysis, Company Usability Profiles, Market Sizing & Forecasts to 2025"



In 2021 Congress passed the Bipartisan Infrastructure Law, creating EPA's new Clean School Bus Program with \$5 billion over the next five years (FY 2022-2026) to replace existing school buses with zero-emission and low-emission models. While the funding has begun to make a difference, more is needed to finish the job across the entire country. ESBC supports the following priorities for Congress and the Biden Administration:

- \$20B in additional funding for electric school buses and associated charging infrastructure over a 10-year period in a manner that spreads the investment across the entire United States.
- Coordination between EPA, DOE, DOT as well as with State Energy Offices – include outreach to school communities and utilities to address concerns and fears and to ensure proper planning.
- Priority considered for low-income, environmental justice, and rural communities, including those where public-private partnerships may spur increased electric school bus adoption.
- 100% funding for low-income communities with cost-share otherwise to maximize the leverage of federal funding – including necessary infrastructure.
- Equal treatment across school districts, regardless of whether they own and operate their own fleets or use a third-party fleet operator, so all districts have fair access to the funding and ability to integrate electric school buses.
- Continue point-of-sale rebates since they are the most efficient approach for school districts.
- Ensuring that any scrappage (removing internal combustion engine buses from service) requirement provides school districts with some flexibility to execute the vehicle scrappage so they have sufficient time to plan and execute fleet transition while still guaranteeing that polluting buses are removed from use.
- Support the demonstrated safe use and federal funding eligibility of repowering (removing the diesel engines from the fleet by retrofitting existing buses with zero-emission battery-electric powertrains).

II. Build Technology Advancements In Electric School Bus Infrastructure

- Promote state and federal needs assessment to expand siting, funding and subsequent build-out of electric school bus charging infrastructure.
- Policy to support advancement in electric batteries since they provide increasingly longer-term reliability and efficiency for buses and the corresponding charging infrastructure.
- Support utility commissions to move forward on Vehicle-to-Grid initiatives made by utilities to expediate filings.