



## YOUR JOURNEY TO A SMART SCHOOL

# Electrifying your school bus fleet and beyond

[usa.siemens.com/SmartSchool](https://usa.siemens.com/SmartSchool)

### Funding your road to eSchool buses

Every year, more than 25 million American students are transported to and from school on a school bus<sup>1</sup>; today, less than 1% of the school bus fleet is electric<sup>1</sup>. Although getting started with EV school buses can seem daunting, the Clean School Bus Program, under the Bipartisan Infrastructure Law (BIL), provides \$5 billion to schools for this purpose. In addition, the Inflation Reduction Action (IRA) also provides tax credits for non-profit entities and some states also offer assistance with the transition to green energy through alternative green power sources, utility and battery storage incentives, and more.

Exposure to pollution can have negative impacts on student performance, absenteeism, and other student outcomes.<sup>2</sup> These impacts disproportionately affect underserved and disadvantaged communities<sup>3</sup> resulting in a renewed focus on environmental justice and reducing GHG emissions and tailpipe pollution.

If your district is ready to start evaluating zero-emission school buses and eCharging infrastructure, or already on your path, Siemens can help you every step of the way to navigate your journey for a smarter, more efficient school infrastructure and transportation. We can also assist with alternative financing mechanisms, including Transportation as a service (TaaS) to help fund and accelerate your journey.

**Electrifying your school bus fleet can have profound impacts on your students, community, and the planet<sup>4</sup>:**



**Help keep students healthier by reducing tailpipe pollution in the community**



**Enable quiet, clean operation**



**Reduce greenhouse gas emissions**



**Help reduce maintenance and fuel costs**

# SIEMENS

## Plan a route that makes sense for your district

Siemens can support your journey to electrification, from generation with microgrid or solar, together with battery storage, to establishing an infrastructure with chargers and equipment to meet your needs today with a vision for the future.



### Funding Programs

The EPA's Clean School Bus program provides \$5 billion of federal funding to update

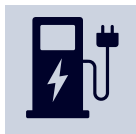
school transportation from diesel to alternative fuel and zero-emission school buses and the electrical infrastructure. Financial incentives beyond this program can support school bus electrification efforts.



### Generating Green Energy

The future is green energy, from microgrid solutions to solar and battery storage.

Siemens experts in energy can help you determine the best options to help reduce emissions, improve efficiency, embrace renewable energy resources, and contribute to the future of work with STEM curricula.



### eCharging Infrastructure

School transportation departments have a variety of options and approaches when

considering infrastructure to electrify their clean school bus fleets. Siemens can help navigate the complexities as well as eligible use of available funding to help you meet your objectives for total cost of ownership and reduced operating expense.



### Safe + Healthy Students

Give students the gift of a healthier school commute by reducing vehicle emissions.

This, in addition to building infrastructure improvements, make for a safer, healthier school experience, from pick up to drop off.

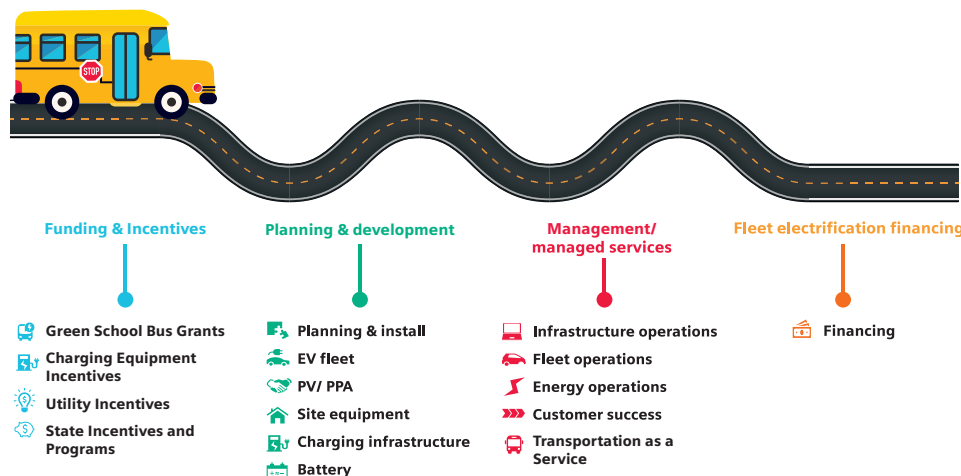


Siemens can help you every step of the way, to navigate your journey to smarter, more efficient school infrastructure and transportation.

**Start your journey today,  
get on board here:**



## Start your journey today



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<sup>1</sup> CleanTechnica.com | [link](#)

<sup>2</sup> Economics of Education Review | [link](#)

<sup>3</sup> Brookings Institution | [link](#)

<sup>4</sup> U.S. Environmental Protection Agency | [link](#)