Electric School Bus FACT SHEET

WHY ELECTRIC?

HEALTHIER COMMUNITIES

Zero emission for cleaner air and public health

Children are disproportionately impacted by tailpipe pollution. Their respiratory systems aren’t fully developed, and they breathe in more air per pound of body weight.

PLENTY OF RANGE

up to 150 miles of range

The average school bus travels 35 miles per day.

FUEL AND MAINTENANCE SAVINGS

approximately 17 cents per mile for electric charging

vs.

approximately 47 cents per mile for diesel fuel

No oil changes
Less frequent maintenance needs

DID YOU KNOW?

Electric school buses can actually harness more power than diesel ones.
When comparing the same model Thomas bus, the electric version boasts up to 249 horsepower, while the diesel engine’s maximum is only 240 horsepower.

Zero-emission buses are rapidly gaining traction throughout the U.S.
In 2019, only 253 ESBs were on the road with an additional 783 on order. A recent study by Interact Analysis estimates that 27,000 ESBs will be built by 2030.

Charging is more convenient and easier to coordinate than diesel fueling.
No more running buses back and forth to the gas pump. With smart charging technology, buses can conveniently charge overnight in the bus yard.

Prepared by the Electric Bus Learning Project
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Electric Bus Learning Project

- Online forums
- Trainings
- Personalized consultations
- Site visits
- Free of charge

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