



# Electric School Bus

FACT SHEET

## WHY ELECTRIC?

Electric school buses are better for the environment and the health of our children and communities.

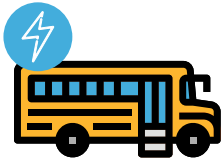
### HEALTHIER COMMUNITIES



**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.*

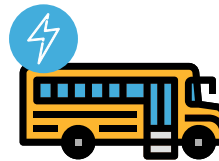
### PLENTY OF RANGE



**up to 150 miles of range**

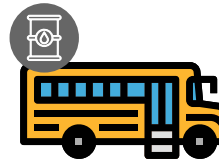
*The average school bus travels 35 miles per day.*

### 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

*This project is made possible with support from Pacific Power and the Oregon Clean Fuels Program.*

## CONTACT

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*Image Source: School Transportation News*