

Electric School Bus

FACT SHEET

WHY ELECTRIC?

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

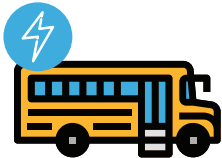
HEALTHIER COMMUNITIES



**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.

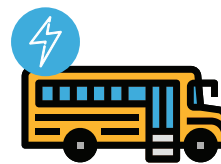
PLENTY OF RANGE



**up to
150 miles
of range**

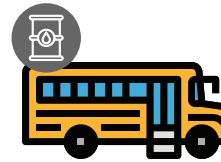
The average school bus travels 35 miles per day.

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.

Charging can be done conveniently overnight. With smart charging technology, each electric bus can start each school day with a preheated cabin and a full battery.

Electric Bus Learning Project

- Online forums
- Trainings
- Personalized consultations
- Site visits
- Free of charge
- Peer-to-peer support network
- Support in finding funding

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

CONTACT

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ELECTRIC SCHOOL BUS FUNDING WEBINAR

July 7, 2021 | 10:00 - 11:30 a.m.

Join statewide experts and other districts to explore the five main sources for Oregon electric school bus funding. We will introduce all of these funding sources and provide guidance on how districts can integrate funding sources and operation savings to purchase electric school buses.

To register, scan the QR code below or visit our website.

Register at EnviroCenter.org/ElectricBus

Image Source: School Transportation News

