

Flipping the Switch on Electric School Buses



Part 7: Driver and Technician Training

Key Information and Resources

Electric school buses are a growing topic of discussion in the transportation industry. The U.S. Department of Energy (DOE) is providing a [technical assistance program](#) aimed at K-12 schools interested in implementing electric school buses into their fleets. “Flipping the Switch on Electric School Buses” is a multi-part technical assistance series. Each part contains several modules focused on key topic areas about electric school buses. Modules can be watched in order, or viewers can select just those most applicable to their needs.

The seventh part in the series focuses on a training overview. This part provides information on how to provide driver and technician training on electric school buses.

This part includes one module:

- [Module 1: Training Overview](#)

Key Resources and Highlights

Below is a list of the key tools and resources provided during *Part 7: Driver and Technician Training* of the “Flipping the Switch on Electric School Buses” series.

Module 1: Training Overview

Presented by John Gonzales, National Renewable Energy Laboratory

- **Weber State University Advanced Industry Electric Vehicle Training:** continue.weber.edu/professional/programs/evtraining/
 - An example of training options for high-voltage safety for electric vehicles, including phased training on high-voltage safety, hybrid and electric vehicle systems, and a hybrid and electric vehicle boot camp.
- **Video: Electric School Bus Training Connections: Best Driving Practices:** youtube.com/watch?v=uC3SKAT-Tns
 - This video provides examples of driving practices to increase battery electric bus (BEB) efficiency and optimizing range, as well as maintenance and charging training.
- **Video: Blue Bird Electric School Bus Training:** youtube.com/watch?v=3a_p-yriik
 - This video features examples of safety protocols, charging features, vehicle operation setup, and maintenance best practices.
- **Video: Blue Bird Factory of Cummins Electrification Bus Benefits:** youtube.com/watch?v=TDiEKr_PWNo

- This video explores the differences between internal combustion engines and BEBs, and touches on BEB benefits for fleets.
- **Video: Lion Bus Vehicle Walk Around:** youtube.com/watch?v=AYh9S2hvgA8
 - This provides an overview of a Lion BEB, including an exterior vehicle walk around, a look at the interior driver's space and a peek under the hood.
- **Video: Blue Bird Electric Bus Ride & Drive with Hinton Harrison:**
youtube.com/watch?v=fJrKzVdfiLY
 - Learn more about Blue Bird's electric school bus during this ride and drive video.