

# Flipping the Switch on Electric School Buses

## Part 2: Working with Electric Utilities

### *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 that are 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 that discuss key topic areas about electric school buses. Modules can be watched in order, or viewers can select just those that are most applicable to their information needs.

The second part in the series focuses on working with electric utilities. This part provides guidance on starting the conversation with your utility and information on assessing your power needs for future charging infrastructure and understanding the various utility rate structures.

Modules in this part include:

- Module 1: Working with your Utility Partner & Assessing Power Needs
- Module 2: Utility Rate Structures

## Key Resources and Highlights

A list of the key tools and resources provided during *Part 2: Working with Electric Utilities* of the “Flipping the Switch on Electric School Buses” series are listed below.

### Module 1: Working with your Utility Partner & Assessing Power Needs

Presented by John Gonzales and Jesse Bennett, National Renewable Energy Laboratory

- **Clean Cities Coalition Network:** [cleancities.energy.gov/](https://cleancities.energy.gov/)
  - Clean Cities coalitions foster the economic, environmental, and energy security of the United States by working locally to advance affordable, domestic transportation fuels, energy efficient mobility systems, and other fuel-saving technologies and practices.
- **Clean Cities Coalition Contact Directory:** [cleancities.energy.gov/coalitions/contacts/](https://cleancities.energy.gov/coalitions/contacts/)
  - Clean Cities coordinators are the primary contacts for their coalitions. Coordinators work with local fleets to advance affordable, domestic transportation fuels and technologies in the cities, counties, and states they serve. Clean Cities coordinators lead more than 75 active coalitions covering nearly every state.
  - Ask your Clean Cities coordinator for assistance connecting with your utility if you have trouble finding a contact.
- **Technical Assistance:** [cleancities.energy.gov/technical-assistance/](https://cleancities.energy.gov/technical-assistance/)

- The Clean Cities Coalition Network connects transportation stakeholders with objective information and experts to assist with alternative fuels, fuel economy improvements, and emerging transportation technologies.
- **Federal Energy Management Program EVSE Infrastructure Video:**  
[www.energy.gov/eere/femp/electric-vehicles-federal-fleets](http://www.energy.gov/eere/femp/electric-vehicles-federal-fleets)
  - This training video developed for the federal fleet and facility managers discusses how to understand EVSE compatibility, power ratings, and cybersecurity to properly assess EV charging installation and infrastructure requirements.

## Module 2: Assessing Power Needs

Presented by Jesse Bennett, National Renewable Energy Laboratory

- **AFDC Electricity Page:** [afdc.energy.gov/fuels/electricity](http://afdc.energy.gov/fuels/electricity)
  - This page provides information on electric vehicles and charging infrastructure, including benefits and considerations, vehicle types, infrastructure development, procurement, and incentives.
- **Charging Infrastructure Basics:** [afdc.energy.gov/fuels/electricity\\_infrastructure](http://afdc.energy.gov/fuels/electricity_infrastructure)
  - Information charging infrastructure terminology and information on the different charging equipment and charging levels.