

# ComEd Smart Energy Hub

## Learning Points

**The Smart Energy Hubs** located in the ComEd Chicago and Rockford Training Centers are fun, educational field trip experiences that teach students about the delivery of electricity, energy efficiency, energy management and advancements in electrical technology and the smart grid initiative. These experiences align with general learning standards including STEM via discussion on key concepts in Science, Technology, Engineering and Mathematics.

### Energy Efficiency

- Understand ways to save energy at home and at school
- Discuss energy-efficient use of household appliances
- Explore why saving energy is important for our lives

### The Future of Energy

- Imagine technologies of the future
- Discuss and brainstorm new ways of electrical generation and energy savings
- Envision a connected, “smart” community of the future

### Real-World Applications

- View and touch technology and tools used by overhead electricians to train and delivery electricity
- Observe actual workers in live training

### STEM (Science, Technology, Engineering and Mathematics)

- Recognize sources of electricity and how electricity is generated and delivered to communities
- Discuss how electricity shapes and influences our work and play
- Recognize the basics of how electrical grid works and is evolving
- Discuss the influence of renewable resources (such as solar and wind) in the generation and delivery of electricity
- Understand the application of smart technology to components of the electrical grid

### Communication Skills

- Utilize effective listening and speaking strategies along with questioning skills

For more information visit: [www.FieldTripFactory.com/ComEd](http://www.FieldTripFactory.com/ComEd)