

ComEd Smart Energy Hub

Field Trip Highlights



Introduction	Welcome and Overview Activity: Introduction to the Smart Energy Hub
Energy Challenge	How does electricity get delivered to your home? And who helps it get there? Learn how electricity travels from the power plant to communities. Activity: Interactive screen; Acting out the delivery of electricity
Idea Generation	In general, electricity is generated through movement. Experience generating your own power—even enough to power a cell phone! Activity: Generate your own electricity using bicycles and hand cranks
The Smart Grid & Smart Meter	Learn how smart technology, including the smart grid and smart meters, are helping communities. Activity: Build and interact with a virtual smart grid
Energy Management at Home	You can be energy efficient at home! Learn how household appliances can be used while saving money and energy. Activity: Play the interactive energy management game in a simulated home to make smart, energy-saving choices
Safety & Service	Electricity is a very powerful resource! Learn the rules for acting responsibly around electricity. The people who work for ComEd make safety their top priority. Learn how workers use technology and training to keep communities powered with electricity safely and reliably. Activity: Hands-on safety equipment, safety rules quiz, and ComEd viewing window
The Community of the Future	The future of energy is already in motion! Get a glimpse into the community of the future and its amazing technologies. Activity: Travel through time to experience a simulation of a future community
Wrap-Up	Re-visit the key points of the experience. Activity: Think about your role in the future of energy for you and your community

This Experience Supports STEM

The lessons, discussions and activities throughout this experience support a STEM-based curriculum by emphasizing key concepts in Science, Technology, Engineering and Mathematics.

*All activities are subject to availability and may change slightly depending on the age of students and the overall size of the group.

For more information visit: www.FieldTripFactory.com/ComEd

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