



#443 Live line "arcs and sparks" demonstration: A demonstration of electrical safety hazards – Basic

11:15 a.m. to 12:15 p.m. – Thursday, March 31

The live line demonstration (LLD) consists of everything you'd find in your neighborhood on a smaller scale. The utility poles, overhead lines, transformers and other electrical equipment are all on a mobile trailer. The equipment is energized by an onboard generator to simulate what happens in real life situations. This session will educate audiences about all aspects of the electrical infrastructure that surrounds them while highlighting safety messages through physical demonstrations of electrical contacts and hazard situations. AEP Ohio developed the LLD to demonstrate electrical safety concepts for emergency service groups and first responders. You will be able to identify infrastructure of electrical distribution equipment in your neighborhood; explain how to stay safe in typical hazard situations when electrical energy causes contact; and list key concepts for emergency service groups and first responders to keep in mind for electrical safety.

Developed by the Public Utilities committee

Presented by Tracy West, Journeyman Lineman, line representative, Columbus district, AEP Ohio, Columbus

Credits: 0.1 IACET; 1 CDMS

Notes:

Action items: