

UCEMC Employees attend TVPPA Training

UCEMC is a member of The Tennessee Valley Public Power Association, Inc. (TVPPA). TVPPA is the nonprofit, regional service organization that represents the interests of consumer-owned electric utilities operating within the Tennessee Valley Authority (TVA) service area. TVPPA members include both municipal and electric cooperatives, and they serve more than 9 million customers in Alabama, Georgia, Tennessee, Mississippi, Kentucky, North Carolina and Virginia.

TVPPA Education and Training services offer a comprehensive selection of utility-specific professional management and technical training seminars for utility employees.

Apprenticeship Program Training

Apprentice Lineman training introduces the beginning apprentice to the basic math, electricity and alternating current fundamental principles that are the groundwork for understanding the “how’s and why’s” of this profession. Students learn the basic tools and equipment used in everyday operations, and application include stringing and sagging wire; underground distribution systems; transmission and distribution line maintenance; transformer connections; meter applications; substation operations and phasing and measuring voltage and current.

Participants learn basic knots and safe climbing techniques, as well as pole-top rescue, both climbing skills necessary for overhead line construction. Participants construct and frame lines using specifications, and learn grounding and preparation of stress cones for underground cable. Effective job briefing and basic troubleshooting steps for overhead and underground systems are demonstrated, as well as transformer banking, bucket truck pre-trip inspection, and bucket truck rescue.

The Carthage District office had the following employees with the title of 5th Year Apprentice Lineman to complete the course in July 2017. The employees completing the course were:



Jay Russell, and Jason Bush
District Manager LC Grisham presented the award

We take this opportunity to congratulate the employee's that have completed the TVPPA courses.

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Advanced Lineworker Certificate Training

This certificate is designed for mid-level lineworkers with an interest in furthering their knowledge, skills and abilities. This certificate consisted of five classes at three days each.

Phase 1

- Protective Grounding
- Transformer Fundamentals
- Transformer Connections

Phase 2

- Substation Operating Equipment
- Switching, Procedures, and Troubleshooting
- Schematic and One-Line Diagrams

Phase 3

- Advanced Transformer

Phase 4

Lineworkers need to know how system protective devices operate in emergency situations, to protect equipment from damage, reduce customer outages and limit hazards to life and property. This module provided training on reclosers, regulators, and capacitors; as well as training on fuses and sectionalizers.

Phase 4

- Voltage Regulators and Setting
- Secondary Voltage Problems and Customer Service

Phase 5

- Underground Components
- Cable Preparation

Below are the Cookeville District office employees that received the Advanced Lineworker Certificates in November 2017.



Justin Moore, Josh Hammock, Zach Wilken

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