

2020 ENGINEERING AND OPERATIONS WEBINAR SERIES

This series includes six webinars intended for engineering and operations staff. Each webinar is a 90-minute presentation, including a brief question-and-answer period. Each webinar will be recorded.

Utility Easements: Rights and Obligations

January 7

Easements are necessary to have legal permission to build and operate a power line on someone's land. What is the property owner's rights within the easements? What are the utility's rights? This webinar will provide a review of the property owner's rights and the utility's obligations to the property owner.

Separable Connectors in Underground Systems

March 10

This webinar is a tutorial on the installation and operation of separable connectors. These connectors are at the heart of all underground distribution systems. The webinar will provide operational knowledge to designers for the use and application of separable connectors. Other topics will include bleed wires, operating tools, termination techniques and operating limits.

Designing Secondary and Services

June 12 (new date)

This webinar will address voltage drop and flicker requirements for electric services. The voltage drop through the transformer, secondary and service conductor can create a power quality problem if not designed properly. A new software tool for estimating the drop voltage and flicker will be demonstrated and provided to attendees.

Load Balancing on Wye Systems

July 7

Every winter and summer, utilities dispatch crews to change phases on taps to balance the load on the system. This webinar will explain the importance of load balance to reduce losses and to improve the overcurrent protection systems. Techniques and methods will be presented, as well as best practices for system load balancing.

Conservation Potential Assessments

October 13

On national, regional and local levels, energy conservation or energy efficiency, is viewed as a reliable, low risk, high-return energy resource. A conservation potential assessment (CPA) helps utilities determine where the most cost-effective energy efficiency lies and where to target program efforts. The results of a CPA are often used in conjunction with Integrated Resource Plans (IRPs) to help optimize a utility's electric supply resources. This webinar will address elements of a CPA, a comparison of the CPA with supply-side resources and the utilization with the IRP.

Storm Hardening and Best Practices

December 8

The industry is moving from reliability to resiliency where resiliency defines how quickly a system recovers from a major event. Although storm hardening of the entire system may not be practical, focused storm hardening for key structures is both effective and economical. The webinar will present best practices used throughout the industry to harden key structures or segments of line, which will aid in faster restoration of the system. Best practices for different types of weather-related events and how these practices create cost-effective means for resiliency will be discussed.

**For the most up-to-date seminar and webinar details, please visit the NDAREC website at www.ndarec.com.*

**FOR MORE INFORMATION,
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