

Distribution Control Center Operations Training – Level 2

Online Training

Program Cost – \$600

ADVANCED DISTRIBUTION CONCEPTS

1. Distribution Reliability
 - a. Service reliability indices (SAIDI, SAIFI, etc.)
 - b. Methods to improve service reliability (automatic restoration schemes and devices)
 - c. System reliability improvements through telecommunication technologies
 - d. Primary and secondary spot and grid networks

2. Power Quality
 - a. Power quality issues
 - b. Reduced motor starting
 - c. Transformer bank connections and issues
 - d. Ferroresonance and radio/television interference

3. Planned Maintenance and Test Equipment
 - a. Planned maintenance and test equipment
 - b. Substation inspections (distribution switchyard)
 - c. Facility inspections (line equipment inspections)

4. Smart Grid Systems
 - a. Smart grids, advanced metering infrastructure, and smart meters
 - b. Substation and distribution automation
 - c. Distributed generation and microgrids
 - d. Communication with smart devices
 - e. Cyber security and access control
 - f. Smart homes/buildings and demand side load management
 - g. Advanced distribution management systems and trending technologies

Learn More:

Being the leading provider of training and advisory services to the power industry, we rigorously track and interpret NERC Reliability Standards and expertly translates them into customized education and advisory services, helping to manage risk and ensure reliability for the power grid.

We offer NERC system operator certification, instructor-led and online courses, accompanied by sophisticated computer simulation. Since 2002, we have provided NERC-approved continuing education and advisory services to thousands of employees of the Bulk Electric System across the United States and Canada. All training is designed using the latest systematic approach to training, as required by NERC.



...SOS...

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TRAINING SERVICES

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Approved NERC CE Provider
SOS_INTL_001 Transitioning to HSI_SOS_001
is recognized by the North American Electric
Reliability Corporation as a continuing
education provider who adheres to NERC
Continuing Education Program Criteria.