The Smart Grid Can Deliver

Smart Grid Courses

The National Energy Center of Excellence in partnership with the Energy Providers Coalition for Education (EPCE) offers Smart Grid Courses to enhance employees' ability to take on new job responsibilities and engage with new technologies and operations. Course curriculum addresses various topics and is developed to educate employees of all different levels of responsibility and interaction with the Smart Grid deployment.

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Smart Grid Smart Customer:
This course provides a non-technical overview of what the smart grid is and what enhancements it will provide both the consumer and the electric power industry. This 90-minute course is designed for customer services representatives, call center staff, other non-technical industry and anyone else interested in learning about the smart grid.

Renewable Energy Sources and the Smart Grid:
This course examines electricity production from various forms of renewable energy, and provides a survey of the function, operation and vision of the smart grid. This course is designed for technicians, line workers, electricians, system operators, transmission planners, IT-cyber security officers, engineers, and anyone else with a technical background interested in learning about renewable energy and the smart grid.

Operation Considerations of the Smart Grid:
This course examines the operation considerations for the Smart Grid and will focus on understanding the operational considerations for technicians who will install, control, monitor, and maintain the smart grid. This 10 hour course is designed for technicians, line workers, electricians, system operators, transmission planners, IT-cyber security officers, engineers, and anyone else with a technical background interested in learning about how the smart grid will be operated from both the utility and customer perspective.

Courses are available online in a self-paced format without an instructor. Each course unit contains self-check exams and/or quizzes for flexible accessibility for students to assess their progress and identify topics in which to focus.

The course is open for registration at any time. The participants that register between June 1 and November 30 will have access to the course until December 31. The participants that register between December 1 and May 31 will have access to the course until June 30. The participant will have access to the material within three (3) working days after registration.

EPCE
ENERGY PROVIDERS COALITION FOR EDUCATION

This program was developed in collaboration with The Energy Providers Coalition for Education

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