



ENERGY ACADEMY

IEC 61850 TRAINING COURSE FOR UTILITIES

IEC 61850 is the current international standard used for electrical grid data communication and electrical substation modeling. It is optimized for efficient and reliable transfer of process data and commands within and between Intelligent Electronic Devices (IEDs) and substations. IEC 61850 has been designed for use over a (high-speed) data network.

Course description

This two-day training course, which has been developed to give professionals in the utility industry a detailed understanding of IEC 61850, will give you the knowledge you need regarding the scope, capabilities, benefits and restrictions of IEC 61850 in relation to substation automation and further recent developments in this field, such as its use in IEDs for deployment in smart grid applications.

The course focuses on the functionality and features of the IEC 61850 communication protocol. It provides a basis for discussing IEC 61850 with suppliers, consultants and other parties and for structuring the introduction of IEC 61850 to your organization. Latest developments, practical experiences, pitfalls and guidelines are part of the program. We will provide you with methodology and necessary steps for getting your organization ready for the IEC 61850 standard!

Target group

This course is designed for managers, consultants and technical advisors responsible for decision making, long-term strategy, asset management and cost reduction in the context of substation automation and smart grid applications, as well as the supporting operational telecoms infrastructure within and outside the substation.

Your benefits

The course provides you with the answers to many questions:

- What documents are relevant?
- What are the background to and objectives of IEC 61850?
- How to set-up the substation network?
- What kind of architecture is best for me?
- What are trends and developments regarding security and connectivity?
- How to engineer solutions and manage different configurations and firmware versions?

Practical information

For the following items, we refer to the registration form:

- Course dates
- Venue details
- Registration fee
- Delivery terms & conditions
- Hotel accommodation

For more information and to register please visit:
www.dnvgl.com/iec61850-course.

For more information:

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