

EUCI Presents a Two-Day Training Course on:

Distribution Automation (DA)

Testimonials

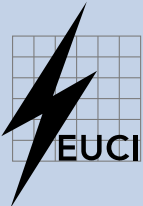
"The course opened the door to the vast possibilities available
in Distribution Automation."

~ C.M., Distribution Engineer

The Barbados Light & Power Company Ltd.

"Very good course. Congratulations and thanks."

~ J.G., GERS USA



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Distribution Automation (DA)

April 17 – 18, 2008

OVERVIEW

The concept of distribution automation dates back to the 1970s. Since then, several large and many small projects have been undertaken at various utilities. It was expected that most of them would embark on large-scale distribution automation. However, many utilities found it difficult to justify distribution automation based on hard cost-benefit analysis. Now, there is renewed interest in distribution automation due to utility restructuring calling for increased operational efficiency and reliability. In addition, the emergence of new technologies, specifically new measuring devices and sensors, more powerful and refined communication systems, highly advanced computing equipment, advanced power electronic devices, and new control and protection ideas have provided the needed impetus.

This course provides a strong foundation for distribution system operators and designers of distribution management systems who want cost-effective distribution automation functions and strategies. We will cover issues related to different communication systems and protocols, the incorporation of various control devices for steady-state and dynamic performance improvement, economic analysis paradigms, equipment testing, maintenance, and operational procedures and standards. Several real-world cases will be presented, studied, and analyzed in this course. In addition, some of the tools used for DA will also be discussed.

WHO SHOULD ATTEND

The course is intended for the following professionals:

- Electric utility system operators and designers
- Personnel in manufacturing companies of DA equipment
- Electric power Industry consultants

Day1 Thursday, April 17, 2008

Registration and Continental Breakfast: 8:00 – 8:30 a.m.

Course Timing: 8:30 a.m. – 5:00 p.m.

- Distribution Automation Concept and Fundamentals: S.S. (Mani) Venkata
- Distribution Automation Functions and DMS Architecture: S.S. (Mani) Venkata
 - Database management issues
 - Use of Geographic Information Systems (GIS)
 - Integration of application functions
- New Technologies: S.S. (Mani) Venkata
 - Control devices: SVC, STATCOM etc
 - Monitoring systems: sensors, AMR, AMI etc.
 - Advanced computing systems

Group Luncheon: 12:00 – 1:00 p.m.

WHAT YOU WILL LEARN

Participants will understand the foundations of distribution automation, and be able to design, operate, and maintain efficient and cost-effective DA schemes.

Agenda Continued on Next Page

