



Load & Energy Management in Industrial Power Distribution Systems

Date	Venues	(\$)Fees	Book your seat
22 Dec -26 Dec 2024	Cairo	2900	Register Now

Course Overview:

- The aim of this course is to gain access to best-practice in Energy Management and gain an understanding of Energy Management systems requirements and operational controls. Also, it will be assessed the financial merits of proposed energy management measures, and present the business case in support of implementation recommendations

Course Objective:

- Gain access to best-practice in Energy Management
- Gain an understanding of Energy Management systems requirements and operational controls
- Relate industrial energy management to market conditions, industrial needs
- Assess the current capacity of your organization to do energy management, and plan actions that focus on management practices to increase that capacity
- Assess the financial merits of proposed energy management measures, and present the business case in support of implementation recommendations

Who Should Attend?

- Organizations wishing to reduce energy costs.
- Those responsible for implementing and/or maintaining load and energy management in industrial power distribution system

Course Outline:

- Introduction to Industrial Energy Management
- A Strategic Approach to Energy Management
- Developing an Energy Policy
- Establishing and Monitoring the Energy
- Energy Aspect Identification
- Organizational Structure for Energy Management
- Distribution system, supply requirements
- Medium voltage network
- POWER SYSTEM RESTORATION
- NETWORK OPERATION IMPROVEMENT
- INTERACTION WITH DISTRIBUTION
- DISTRIBUTION SUBSTATION LOAD SHEDDING
- SUBSTATION PROTECTION
- Continual Improvement
- Monitoring and Measurement
- POWER SYSTEM RELAYING
- POWER SYSTEM SECURITY
- ECONOMIC OPERATION OF ELECTRIC POWER SYSTEMS

Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation



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