



## Electrical Load Forecasting, Characteristics & System Upgrade

Date	Venues	(\$)Fees	Book your seat
24 Mar -28 Mar 2024	Cairo	2900	<a href="#">Register Now</a>

### Course Overview:

- This course introduces electric load forecasting from both statistical and practical aspects using the language and examples in the power industry. Through hands-on exercises, participants gain experience of load forecasting for a variety of horizons (short, very short, medium and long term forecasts).

### Course Objective:

- Review of electric power distribution load characteristic (how it is done)
- Understand practical characteristic and planning methods
- Understand basic theory and mathematics of modern distribution load characteristic.
- Estimate Power Quality State
- Specify the accuracy and information content requirements

### Who Should Attend?

- All engineers and technicians involved in the power sectors and power station operation, planning, and maintenance, and also in the factories, and enterprises, especially in power station electrical systems

### Course Outline:

- Power Factor Correction.
- Investigation Into-Load Characteristics.
- Electric Load Monitoring.
- Power Quality
- Electrical Energy And Power Parameters
- Load Duration Curve Analysis
- Load Profiles.
- Demand Reduction
- Load Types

### Training Methodology:

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

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