

ELECTRICAL COURSES

DATA BASE CREATION FOR POWER SYSTEMS (E36AE)

OBJECTIVE:

This seminar is designed to provide the attendees with theoretical and practical understanding about data base creation for power systems.

WHO SHOULD ATTEND?

This course is recommended for engineers and supervisors and technicians who are involved in data base creation field for power systems.

COURSE CONTENT:

- Identify and evaluate currently available data
- Identify bodies that are collecting such data
- Establish needs for data about the sector
- Identify gaps in data provision for priority
- Develop and have practical implement methods and mechanisms for filling those gaps
- Maintenance outage schedule
- Load data & unit commitment data
- Generator, fuel and power flow data

Duration: 5 Days

Date:	Venue:	Cost:
Jan 19-23	Jubail	SR7,000
Mar 22-26	Dubai	SR8,000
Jun 21 – 25	Sharm El-Shaikh	SR8,000
Oct 25-29	Qatar	SR8,000

DATA COLLECTION AND MONITORING (E62AE)

OBJECTIVE:

This course is designed to increase the knowledge and experience about data transmission voltage levels. Frequency in the standard network and how to follow operation commands to power station, substation and all equipments of the network.

WHO SHOULD ATTEND?

This course is recommended for engineers and supervisors who are involved in data collection and monitoring fields.

COURSE CONTENT:

- SCADA System Introduction
- Power System Devices
- Generator (MV-MVAr-voltage-capability curves)
- Transformers (voltages-MW-MVAr-amps-tap-temperature)
- Shunts (reactor-capacitor-SVC)
- Loads
- Transfer Data Information from Station and Control Center
- Control Centers Information Tests
- Dynamic Bus Representation of Network
- Energization Determination of Network

Duration: 5 Days

Date:	Venue:	Cost:
Feb 2 – 6	Qatar	SR8,000
Apr 19 - 23	Jubail	SR7,000
Jun 21 – 25	Sharm El-Shaikh	SR8,000
Nov 1 - 5	Dubai	SR8,000