

ONLINE TRAINING PROGRAM

ENERGY AUDITING FOR POWER UTILITIES



OVERVIEW

An energy audit is an inspection survey and an analysis of energy flows for energy conservation. It may include a process or system to reduce the amount of energy input into the system without negatively affecting the output.

- Evaluates the efficiency of all process/ systems that use energy.
- Starts at the utility meters, locating all energy sources coming into a facility.
- Involves preparation of account of the energy flow to various segments of Sub-transmission and Distribution system.
- Measurement from the input level up to the end consumer level in order to ascertain the losses at different voltage levels.
- Done to improve energy efficiency.

OBJECTIVE

Energy Audit provides vital information base for overall energy conservation covering essentially energy utilization analysis and evaluation of energy conservation measures. This training program will enable participants in

- Identifying the quality and cost of various energy inputs
- Accurate Input Calculation
- Loss Calculation
- Energy Services to Operation

SESSION PLAN

Energy Auditing and Accounting

Objective of Energy Audit

Energy Audit Reports

Energy Audit Meters

Best Practices of Energy Metering

Best Practices in DT Metering

Use of Analytics in Energy Audit

Power Quality & Reliability Monitoring

Dynamic Network Planning & Augmentation using Energy Metering Data

New Initiatives at TPDDL





WHO SHOULD ATTEND

- Level A & B Utility Personnel (CE/SE/EE/AE)
- Electrical Engineers
- Project Engineers
- Design Engineers
- Field Engineers
- District Engineers

TRAINING METHODOLOGY

- The Online Training would be conducted on Tata Power-DDL's WebEx Event Platform
- Participants can attend the Training through any device like Desktop / Laptop / Tablet / Smart Phone
- Each Session would be of 2 hour duration including Q&A session to take up question and points that need more clarity by the participants.
- The presentation would be shared with all participants after the end of the Program

PROGRAM FEE

DESCRIPTION OF CHARGES

UNIT RATE

Cost of **Online Training comprising of 6 sessions for upto 30 participants** from one company

- Cost per Session – Rs 12,500
- Cost for 6 sessions – Rs 12,500 x 6 sessions = Rs. 75,000
- Taxes and Levies extra

Rs. 75,000

Cost of **Online Training (comprising of 6 sessions spread across 3 days) for every additional participant over and above 30 participants** from one company excluding applicable taxes and levies

- Cost per Session – Rs 500
- Cost for 6 sessions – Rs 500 x 6 sessions = Rs. 3,000
- Taxes and Levies extra

Rs. 3,000

Remarks: Includes Online Training Cost, Course material and Presentations, Certificate of Participation

The fee is payable either through Cheque or Demand Draft favouring "Tata Power Delhi Distribution Limited, New Delhi" crossed 'A/C payable only' or in case of direct ECS you can pay into A/C no. 00030310011605, HDFC Bank Ltd. Branch, G-3-4, Suryakiran Building, 10, KG Marg, New Delhi-110001, IFSC Code: HDFC0000003

Payment Terms: 100% advance after confirmation of nomination.

WHOM TO CONTACT

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TATA POWER-DDL

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CIN No. : U40109DL2001PLC111526, website : www.tatapower-ddl.com