



SCADA Operator Training

Advanced 6 Day Executive Training Program – September 19 to 24, 2022

After having successfully implemented Advanced Distribution Management System (ADMS) as a replacement of the conventional SCADA-DMS-OMS system and becoming the first Power Utility to implement ADMS in India. Tata Power-DDL is offering an exclusive 6 day Advanced Executive Classroom Training Program on SCADA Operations to make the participants fully conversant of the functioning of SCADA, Advanced Distribution Management System, Field Force Automation and other automation interventions in Power Distribution System. **ADMS is an integrated platform for control of real-time operations, supervision and analysis and is fully integrated with GIS.**

Supervisory Control and Data Acquisition (SCADA) control system architecture uses computers, networked data communications and graphical user interfaces for high level process supervisory management. SCADA is designed to have real time data monitoring and control grid stations from a central location. SCADA system permits better control over the network, aiding power distribution management, acquisition and processing of system data and historical data as well as remote management of grid stations and substations. Access to network data centrally enables effective load forecasting, thereby enabling load shedding at predefined times and mitigate downtime. Impact of SCADA implementation results in reduced losses.

Most Technology savvy organisations rely on a Supervisory Control and Data Acquisition (SCADA) system. It helps operator's access actionable data and manage equipment. SCADA is a powerful control system that is designed to collect, analyze, and visualize data from industrial equipment. Operators can view critical measurements like temperature, vibration, power usage, and levels across industrial equipment. Using modern SCADA solutions, operators and field supervisors can access actionable data and manage hundreds of assets without visiting every field device. This can translate to significant cost savings. In the present day Supervisory Control and Data Acquisition [SCADA] systems have become crucial and indispensable element of automation for all Distribution Companies.

WHO SHOULD ATTEND

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

Training would be conducted at the Training Campus located in Sector 11 Rohini, Delhi and all participants would be accommodated on a twin sharing basis in the Hostel

Course Coverage

- SCADA Overview & Role of SCADA Engineer in Power System Control
- SCADA System Configuration overview, RTU, Communication Protocols.
- Asset Monitoring
- Optimization & Outage Management System
- Power Exchange and Trading
- Peak Load Management & Loss Reduction
- Various SCADA Packages in Discoms
- Real Time and Historical Trend & Various Alarms.
- Functional Requirements of Communication of SCADA with other Software.
- Data Management, Electrical Network Planning and Permit to Work
- Understanding Different Security Levels. (Access Control: SCADA Applicat.)
- Various Reports/ MIS / Dashboard
- Overview of Cyber Security and its importance
- Hands on SCADA simulation
- Site Visit to SCADA Centre, Battery Energy Storage, Solar Plant, Unmanned Grid, and Automation, Protection and Testing Facility

METHODOLOGY



Lectures



Discussions



Case
Studies



Experiential
Learning
& Site Visits

BULK NOMINATION DISCOUNT

10% discount	10 or more nominations
5% discount	5 to 9 nominations

All participants would be provided a Certificate after completion of the Course

PROGRAM FEE

- **Rs 42,000 + 18% GST per participant**

The Fee includes

- Training Charges
- Boarding and Lodging on Twin Sharing basis at the Training Campus Hostel including 3 meals and 2 Tea and Snacks per day for 06 days
- Certification Cost
- Course Material
- Technical Site Visits and Hands on Training charges

The fee is payable either through

- Cheque or Demand Draft favouring “**Tata Power Delhi Distribution Limited, New Delhi**”
 - Bank Transfer / ECS / NEFT - 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.

As per company guidelines and to ensure safety and protection of all staff and co participants, all applicants are requested to ensure that they are fully vaccinated with both doses of the Covid Vaccine before the commencement of the training program

WHOM TO CONTACT

Mr. Anoop Nandi

Head of Department
HR- TD- Business Development & Collaboration
Contact No. : 9871800502
Email ID: anoop.nandi@tatapower-ddl.com

Mr. John Edwin

Head of Group
HR- TD- Business Development & Collaboration
Contact No: 9910082270
Email ID: john.edwin@tatapower-ddl.com



TATAPOWER-DDL

TATA POWER DELHI DISTRIBUTION LIMITED

(A Tata Power and Delhi Government Joint Venture)

Learning Centre, Cenpeid, F-Block, Sector-11, Rohini, Delhi-110085
CIN No. : U40109DL2001PLC111526, website : www.tatapower-ddl.com