Engineering Staff College of India

Autonomous Organ of The Institution of Engineers (India) Old Bombay Road, GachiBowli, Hyderabad – 500 032. Telangana, India



POWER & ENERGY DIVISION



CONTINUING PROFESSIONAL DEVELOPMENT PROGRAMME

Power Trading, Power Exchanges & Merchant Power Plants



(On-line Course)

16 – 19 October, 2023

From 11:30 to 17:15 hrs (4 Hours 30 Minutes per day)

Online Interactive Sessions | Digital Learning | Experts Online Support

Introduction

The Electricity Act 2003 which is in force with effect from 10th June 2003 provides flexible approach to reforms agenda of the sector and also incorporates the progressive provisions like Open Access, Trading in Power, Market Development etc. By identifying electricity trade as a distinct activity pursuant to regulations of Central Electricity Regulatory Commission, there is a paradigm shift in power sector. With coal reserves and hydro resources being scattered in various geographical locations and away from load centers, the emerging electricity markets offer new opportunities for trading of surplus power. Under the evolving market rules, it is being expected that bulk electricity will be traded through a variety of bilateral and multilateral contracts and through Power Exchanges (Px). Those buying and selling electricity through bilateral contracts are likely to include not only generators and suppliers but can be traders as well. With inter-state trading in electricity being considered as an independent and licensed activity, transactions in open access and the volume of power traded on interstate transmission system is steadily growing.

In this era of market development, it is important to understand key elements of sector such as Regional frequency trends, demand and supply profiles, Grid characteristics, Market structures, Commercial issues etc., besides the processes and procedures applicable to power trading, power exchanges etc.

Objectives

The objective of the programme is to disseminate comprehensive information on developments in Power Trading and Power Exchanges.

Course Coverage

- Power Market Developments Indian & International Scenario
- Open Access Types, CERC Regulations
- Open Access Applications Grant Process
- Open Access charges Issues
- Congestion Management
- Transmission Pricing POC
- Power Trading Trading Mechanism in Power Exchanges Clearing & Settlement Process Renewable Energy Certificates
- ABT -Availability based tariff (Inter and Intra state), DSM -deviation and settlement mechanism
- Merchant Power Plants

An ISO 9001:2015, ISO 14000:2015, ISO/TEC 17025:2017, ISO 45001:2018, ISO 50001:2018 Certified, AICTE & CEA Recognized Institution)

Centre for Promotion of Professional Excellence

Methodology

Methodology of the programme includes Digital Learning through LMS Platform, Interactive sessions with audio visual aids, discussions, sharing of experiences etc. Online sessions will be conducted through Cisco Webex App.

Target Participants

Engineers / Executives of Power Utilities – Gencos, Transcos & Discoms / IPPs / CPPs / SEBs', State Govt. Organizations, Railways, Port Trust Petroleum Refineries, Petrochemicals and all major industries, Power Trading Companies.

Benefits to the participants

- Capacity building with Knowledge sharing from well experienced domain specialist.
- Reading material will be emailed to all participants who have registered.
- A Certificate of participation will be awarded to each participant on conclusion of the programme

Programme Dates & Timings

Dates: 16 – 19 October, 2023 (4 Hours 30 Minutes per day)

Online Session timings will be from 1130 to 1715 hrs with breaks in between for tea and lunch.

Programme Director

Er. Vidya Sagar Ubba, FIE (Former CGM, TSSPDCL) Head & Sr. Faculty - Power & Energy Division (Mob : 8179559990)

Course Fee

₹ 12,000/- Plus 18% GST= Rs.14,160/-per participant

Group Discount : 10% discount for three (3) or more participants if sponsored by the same organization.

(All discounts are applicable only if fee is received at ESCI a week before the commencement of the programme)

ESCI's : GST No: 36AAATT3439Q1ZV. PAN No: AAATT3439Q

The payment may be made by Electronic Fund Transfer (EFT) to ESCI – SB A/c No. 33705165550 with The SBI, Manikonda Branch, GachiBowli, Hyderabad – 500 032 by NEFT / RTGS / IFSC Code No: SBIN0011076 – MICR No: 500002107. While using EFT method of payment, please ensure to communicate us your company name and programme title.

Registration

Online registration shall be available on ESCI web portal :<u>www.escihyd.org</u>

To register manually please send your nominations giving details of name, designation, contact address, email address, mobile no, telephone and fax number of the participant along with the details of mode of payment of fee, addressed to : <u>pe.esci@gmail.com</u>/ <u>pe@escihvd.org</u>

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