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.

Open access on Transmission and Distribution on payment of charges to the utility will enable number of players utilizing these capacities and transmit power from generators to the load centre. This will mean utilization of existing infrastructure and easing of power shortage. Trading now a licensed activity and regulated will also help in innovative pricing which will lead to competition resulting in lowering of bills.

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 program is to disseminate comprehensive information on open access and activities in Power Trading and Power Exchanges.

Course Coverage
- Open access – Applications and Grant process- General Network Access(GNA) & TGNA
- Open access – Introduction to CERC regulations
- Open access – Registry, Charges & Issues
- Congestion Management in Transmission System
- Transmission pricing – POC charges & Issues
- Renewable Purchase Obligation (RPO) & Integration of Renewables – Renewable Energy Certificates (REC)
- Power Trading- Power market development- Indian and international scenario
- Trading Mechanism in power exchanges – clearing & settlement process
- Indian Energy Exchange (IEX) – A Case Study
- Availability Based Tariff (Inter State & Intra State)
- Deviation and Settlement Mechanism (DSM)
- Procedure adopted for Billing by State Power Utilities
Methodology
Methodology of the program 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: 05 – 07 September, 2023 (4 Hours 30 Minutes per day)
Online Session timings will be from 1130 to 1715hrs with breaks in between for tea and lunch.

Programme Advisor
Er. A Chadra Mohana Rao, FIE
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Course Fee
₹ 9,000/- Plus 18% GST= Rs.10, 620/-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 :www.escihyd.org
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 : pe.esci@gmail.com/ pe@escihyd.org