



Engineering Staff College of India  
Autonomous Organ of The Institution of Engineers (India)

Old Bombay Road, Gachi Bowli, Hyderabad – 500 032. TS, India



**POWER & ENERGY DIVISION**

*Continuing Professional Development Programme on*  
**Open Access and Power Trading –  
ABT Scenario**

04 – 06 October, 2017



(An ISO 9001:2008 Certified, AICTE & CEA Recognized Institution)

**Centre for Promotion of Professional Excellence**

## **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.

## **OBJECTIVE**

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

## **COURSE COVERAGE**

- Open access – Applications and grant process
- Open access – Introduction to CERC regulations
- Open access charges & Issues
- Congestion Management
- Transmission pricing – POC charges
- Power Trading- Power market development- Indian and international scenario
- Trading Mechanism in power exchanges – clearing & settlement process – Renewable Energy certificates (REC)
- Indian Energy Exchange (IEX) – A Case Study
- Availability Based Tariff (Inter & Intra State)
- Deviation and Settlement Mechanism (DSM)

## **METHODOLOGY**

The programme will be conducted in an interactive environment providing greater scope for discussions. Emphasis will be on a highly participative style of learning. The classrooms are provided with latest audio – visual teaching aids. The ambience in the campus and classrooms facilitate in effective learning by participants.

## **FACULTY**

Apart from Core Internal Faculty, Consulting Firms, Government Organisations, Manufacturing, Academic and Research Institutions etc. will share the sessions.

## **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.

## **PROGRAMME VENUE, DATES & TIMINGS**

Engineering Staff College of India (ESCI) Campus, Old Bombay Road, Gachi Bowli, Hyderabad - 500032, Telangana, India.

## **DATES**

**04 – 06 October, 2017**

## **TIMINGS**

On the first day registration will commence at 0900 Hrs. On all other days the programme timings will be from 0945 to 1715 hrs with breaks in between for tea and lunch.

## **COURSE DIRECTOR**

**R V Chalapathi**

Senior Faculty - Power & Energy Division, ESCI

## **COURSE FEE**

**Residential Fee** is Rs.15,000/- per participant. Fee includes Course Material, Course Kit, and Twin-sharing / Single AC accommodation as per availability, Breakfast, Lunch, Dinner, Tea / Coffee and Snacks.

## **DISCOUNTS**

**Non-Residential Fee:** 10% discount on course fee is allowed for non-residential participants.

**Group Discount:** 10% discount for three 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).**

**GST @18% (as applicable)** is to be paid extra over and above the training fee. ESCI's **Provisional ID No. 36AAATT3439Q1ZV. PAN Card No. AAATT3439Q.**

The course fee is to be paid in favour of "**IE (I) – ENGINEERING STAFF COLLEGE OF INDIA**" in the form of demand draft payable at Hyderabad.

Alternatively the payment may be made by **Electronic Fund Transfer (EFT) to ESCI – SB A/c No. 10007111201** with The SBI, PBB Rajbhavan Road Branch, Khairatabad, Hyderabad – 500 004 by **NEFT / RTGS / IFSC Code No: SBIN 0004159 – MICR No: 500002075.** While using EFT method of payment, please ensure to communicate us your company name, ESCI invoice reference and programme title.

Online registration is available on ESCI website. To register, manually please send your nominations (**10 days** prior to date of commencement of the programme) giving details of name, designation, contact address, email address, mobile number, telephone and fax number of the participant along with the details of mode of payment of fee, addressed to:

**Head, Power & Energy Division**

Engineering Staff College of India

Gachi Bowli, Hyderabad – 500 032

Phone: 040 – 6630 4170 to 4177; 040-6630 4100, Fax: 040 – 23000336 / 66304103

Email:pe.esci@gmail.com / pe@escihyd.org; Website: www.escihyd.org

**CERTIFICATE:** A certificate of participation will be awarded to each participant on conclusion of the programme.

**GENERAL INSTRUCTIONS**

- ESCI encourages participants to present case studies from their respective organizations.
- For the convenience of the outstation participants ESCI will facilitate pickup and drop from Airport / Railway Station / Bus Stations, if travel plans are received at least 3 days in advance along with mobile number by fax or email. The charges shall be paid by the participants directly to the cab driver.
- ESCI provides complimentary accommodation to participants a day prior to the commencement and after the conclusion of the programme. (Check in at 12:00 hrs a day prior to the commencement & check out at 12:00 hrs a day after completion of the programme).
- Overstay charges of @ Rs.990/- per day / per head including hospitality (Bed Tea / Coffee to Dinner) will be charged.
- Well developed Information Centre and Internet facilities are available to the participants free of cost.