



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* **Pilferage of Electricity – Detection & Prevention – Issues & Challenges**

23 – 25 January, 2017



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

**Centre for Promotion of Professional Excellence**

## **INTRODUCTION**

Power utilities are concerned at the level of losses in their T&D networks and energy audit reports indicate rampant theft of energy as one of the reason for losses. Several steps have been initiated by utilities for curbing the theft of electrical energy. There is a need to review the existing laws & practices related to prosecution of offenders in such cases. To avoid legal implications and potential loopholes, strong need is felt to train inspecting officers in the associated techno-legal matters. This programme provides an overview of the legal aspects, including the filing of police cases for power thefts, prosecution of offenders in criminal courts, and case studies of experiences in trial courts etc. New technological developments in the area of tamper-proof, cost effective digital energy meters will allow effective metering.

## **OBJECTIVE**

The ultimate objective of this programme is to deal with technical and legal remedies to control theft of electrical energy. The programme will provide a forum for exchange of information, sharing of experience and expertise among engineers/executives in power utilities. Such interaction should pave the way for adoption of tamper-proof methods to control the theft of electrical energy. The procedural formalities to be fulfilled for assessment and recovery of loss sustained due to power theft will also be highlighted.

## **COURSE COVERAGE**

- Concepts of Theft of Energy and Vigilance
- Modus Operandi for Pilferage of Energy and Detection Procedures
- Review of Legal Provisions of Electricity Act 2003 in respect of Theft of Electrical Energy
- Enforcement Cell for Containing Power Thefts – Organizational Set-up – Functions, Responsibilities
- Revenue Assessment through Penal Tariffs and Recovery of Losses in Full
- Appellate Proceedings of Power Theft Cases
- Improved Sealing Methods
- Monitoring and Tracking System (MATS)
- HT Metering – Errors in MF Calculations
- Deficiencies in Metering Installation and Instruments
- Technology Advances in Metering to Prevent Pilferage of Energy
- Case Studies

## **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 faculty will act as provocateurs and resource persons and demonstrate application oriented studies rather than as teachers. The participants are expected to play a very active role not only as learners and facilitators but also as experts and practitioners in their own right.

## **FACULTY**

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

## **TARGET PARTICIPANTS**

Distribution Engineers and Managers from Power Utilities.

## **PROGRAMME VENUE**

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

## **DATES**

**23 – 25 January, 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**

Sr. Faculty - Power & Energy Division, ESCI

## **COURSE FEE**

**Residential Fee** is Rs.15,000/- (Residential) per participant. Residential 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)**

**Service Tax @ 15% (Existing) or applicable percentage of service tax in the month** is to be paid extra over and above the training fee. ESCI's **Service Tax Registration No** AAATT3439QST008 (under commercial training or coaching services – clause 65(105) (ZC) of Finance act – 1994). **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: 040–6555 3370 / 3371 / 3372; 040-2300 0465 / 0466, Fax: 040 - 23000336

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.