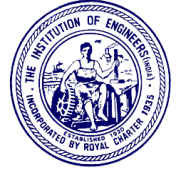




Engineering Staff College of India

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



POWER & ENERGY DIVISION

CONTINUING PROFESSIONAL DEVELOPMENT PROGRAMME

Tariff Policy - Basics of Tariff Calculation & Procedure / Information Required for Preparation of Tariff Petition (ARR) & Energy Scheduling



(3 day On-line Course)

08 – 10 January, 2025

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

Online Interactive Sessions | Digital Learning | Experts Online Support

Introduction

Section 79 of Electricity Act 2003 (Functions of Central Electricity Regulatory Commission) read with section 178(s) (Powers of Central Commission to make Regulation) provides the Central Electricity Regulatory Commission (CERC) shall regulate the Tariff of Generating Companies owned or controlled by Central Government and in discharge of its functions, CERC shall be guided by the National Electricity Policy, National Electricity Plan and Tariff Policy published under section 3(2) of the Act.

Section 6.2(1) of the Tariff Policy -2006 (as amended in 2011 and 2016) on Generation tariff stipulates that “A Two part tariff structure should be adopted for all long term contracts to facilitate Merit –Order dispatch. Appropriate Commission may also introduce differential rates of fixed charges for peak and off peak hours for better management of load“. Section 61 (Tariff Regulations) says that the appropriate commission, while specifying the terms and conditions of the Tariff shall be guided by (among other factors) “the factors which would encourage competition, efficiency, economical use of the resources, good performance and optimum investments”.

Draft National Electricity Policy -2021 vide section 5.15 suggests that some of the measures already announced by the Government such as softer loans of longer duration, grant of enabling infrastructure and storage pre agreed tariff profile and Hydro purchase obligations will help in moderating the tariff for hydro stations and thereby enhancing their viability.

CERC have notified “Terms and Conditions of Tariff” Regulations 2019 and these Regulations are applicable to Generating plants- Thermal, Hydro conventional and Hydro pumped storage under central sector and inter-state Generating plants and those of commercial operation declared after 1-4-2019.

The Tariff Regulations 2019, (which also includes Tariff Regulations for inter-state transmission system) contains 15 chapters with 77 Regulations with three Appendices. The Tariff Regulations Covered all aspects such as Structure of Capital, Tariff structure, components of Energy charges, Norms of Operation, scheduling, accounting and billing for thermal generating plants, hydro power plants and those plants which were in commercial operation for more than 25 years etc.

The Tariff Regulations 2019 also included the FORMS to be filled in while filing the petition, for fixing the Tariff Part -1 of Annexure -1 covers the Thermal plants and Part-2 covers the Hydro plants.

Objectives

The Three Day Training Program on Generation Tariffs is intended to make the participants understand clearly how the Tariff of Generating plants both Thermal and Hydro including Pumped storage is being formulated by the Central Electricity Regulatory commission (CERC) and also the Methodology to be followed in filing the petition for fixing the Tariff by CERC.

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

Course Coverage

- Procedure followed for Tariff determination, Tariff Structure
- Project Capital structure, computation of Capital Cost
- Computation of annual fixed cost
- Computation of Energy charges
- Norms of Operation, Scheduling
- Levelised Tariff calculation of a typical plant
- Filing petition –filling the forms for tariff fixation.
- Flexibilisation of Thermal power plant- impact on Tariff- Compensation

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

Senior / Middle level engineers from GENCOs, TRANSCO, DISCOMs, Regulatory Commissions, Consultants, Engineering College Faculty and Students.

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: 08 –10 January, 2025 (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

Head & Sr. Faculty - Power & Energy Division, ESCI
(Mob: 8179559990)

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

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