



# 14<sup>th</sup> Capacity Building Programme for Officers of Electricity Regulatory Commissions

(Online)

March 1 – 3, 2021

IIT Kanpur

## Regulatory Approach to Tariff Setting in the Power Sector – Power Procurement and Renewable Energy (Draft Agenda)

Organised by

Centre for Energy Regulation

Department of Industrial and Management Engineering

Indian Institute of Technology Kanpur

Knowledge Partner





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### Regulatory Approach to Tariff Setting in the Power Sector – Power Procurement and Renewable Energy

(Online through Zoom/MS Teams)

Online Registration link to be shared by CER, IITK

Day 1: March 1 , 2021 (Monday)	
Morning Session (10:00 - 13:45)	
10:00 – 10:15	<b>Inaugural Function</b>
10:15 – 10:30	<b>Overview of the program, and Introduction to CER and EAL</b> Prof. Anoop Singh, Centre for Energy Regulation (CER) & Energy Analytics Lab (EAL), IIT Kanpur
10:30 – 12:00	<b>Economics of Regulatory Approach to Tariff Determination</b> Prof. Anoop Singh, Centre for Energy Regulation (CER) & Energy Analytics Lab (EAL), IIT Kanpur
12:00 – 12:10	<b>Break</b>
12:10 – 13:45	<b>Generation Tariff framing under Rate-of-Return Regulation Framework</b> Mr. H. T. Gandhi, Chief (Finance), Central Electricity Regulatory Commission
Evening Session (15:00 – 18:10)	
15:00 – 16:30	<b>Transmission Tariff - Sharing of Inter-state Transmission Charges and Losses Regulations</b> Ms. Shilpa Agarwal, Joint Chief (Engineering), Central Electricity Regulatory Commission
16:30 – 16:40	<b>Break</b>
16:40 – 18:10	<b>Distribution Tariff Process – Multi-year Tariff and Truing-up</b> Mr. Amit Goenka, Associate Director, Deloitte Touche Tohmatsu India LLP



<b>Day 2: March 2, 2021 (Tuesday)</b>	
<b>Morning Session (10:00 - 13:10)</b>	
10:00 – 11:30	<b>Long-term Demand Forecasting and Power Procurement Planning: A Case study of Uttar Pradesh and Chhattisgarh</b> Prof. Anoop Singh, Centre for Energy Regulation (CER) & Energy Analytics Lab (EAL), IIT Kanpur
11:30 – 11:40	<b>Break</b>
11:40 – 13:10	<b>Business Plan for Distribution Utilities – Investment under MYT Regime</b> Mr. Sunil Joglekar, Chief Distribution (Mumbai Operations), TATA Power
<b>Evening Session (14:30 – 17:40)</b>	
14:30 – 16:00	<b>Electricity Brainstorming Session</b> Prof. Anoop Singh, Centre for Energy Regulation (CER) & Energy Analytics Lab (EAL), IIT Kanpur
16:00 – 16:10	<b>Break</b>
16:10 – 17:40	<b>Transition to Retail Competition: Regulatory Framework for Electricity Distribution</b> Mr. Anish De, Partner and Head Energy & Natural Resources, KPMG India
<b>Day 3: March 3, 2021 (Wednesday)</b>	
<b>Morning Session ((10:00 - 13:10)</b>	
10:00 – 11:30	<b>Real Time Market and Emerging Market Developments</b> Mr. Ravindra Kadam, Advisor (RE), Central Electricity Regulatory Commission
11:30 – 11:40	<b>Break</b>
11:40 – 13:10	<b>Recent Developments in Renewable Energy Sector and Future Outlook</b> Dr. P. C. Maithani, Scientist G, Ministry of New and Renewable Energy
<b>Evening Session (14:30 – 17:50)</b>	
14:30 – 16:00	<b>Protecting Consumer Interest: Institutional Approach and Practices</b> Mr. B. K. Sahoo, Project Executive Officer, CER, IIT Kanpur (Ex Electricity Ombudsman, Odisha)
16:00 – 16:10	<b>Break</b>
16:10 – 17:40	<b>Standards of Performance – Implementation and Regulatory Challenges</b> Mr. Raj Pratap Singh, Chairperson, Uttar Pradesh Electricity Regulatory Commission
17:40– 17:50	<b>Closing Ceremony</b> Mr. Raj Pratap Singh, Chairperson, Uttar Pradesh Electricity Regulatory Commission



9<sup>th</sup> July, 2021

Mr. Sanoj Kumar Jha  
Secretary, Forum of Regulators,  
C/O Central Electricity Regulatory Commission (CERC)  
3rd Floor, Chanderlok Building  
36, Janpath, New Delhi 110001

**Sub: Feedback for the 14th Capacity building programme for Officers of Electricity Regulatory Commissions (Online) from 01 – 03 March, 2021, IIT Kanpur.**

Dear Mr. Jha,

This is with reference to the 14th Capacity Building Programme for Officers of Electricity Regulatory Commissions", (Online) from 01 - 03 March, 2021, IIT Kanpur. We would like to thank the Forum of Regulators for giving us responsibility to organize the above programme.

We are pleased to inform you that the programme was conducted successfully as per the FOR's requirements. The programme agenda and speakers were finalized in consultation with the FOR. I am enclosing herein the programme schedule, a list of speakers and a list of participants.

It is encouraging to mention that the programme was well appreciated by the participants. A detailed feedback was obtained from the participants. A summary of the feedback is enclosed for your reference. The participants have also given specific feedback/suggestions for design of similar activities in future. These are also provided for necessary action at your end. We would be pleased to provide any assistance, if required.

We were able to ship the program kit, mementos and certificates only after easing of Covid related restrictions and awaited completion of this process before sending this feedback.

We thank you for keeping confidence in our abilities to organize this programme. We hope to undertake similar tasks in future as well.

Thanking You

(Dr. Anoop Singh)  
Programme Coordinator  
Centre for Energy Regulation (CER) & Energy Analytics Lab (EAL)  
Department of Industrial and Management Engineering  
Indian Institute of Technology Kanpur  
Kanpur - 208016 (India)

**Table: Session-wise Feedback of the Programme**

<b>SUMMARY</b>					
<b>Day I - Average Score</b>					
<b>Question</b>	<b>Session I (Dr. Anoop Singh)</b>	<b>Session II (Dr. Anoop Singh)</b>	<b>Session III (Mr. H. T. Gandhi)</b>	<b>Session IV (Ms. Shilpa Agarwal)</b>	<b>Session V (Mr. Amit Goenka)</b>
1	4.6	4.7	4.1	4.4	4.3
2	4.8	4.8	4.0	4.6	4.1
3	5.0	4.8	4.2	4.4	4.0
4	4.9	4.8	4.2	4.4	4.0
<b>Day 2 - Average Score</b>					
<b>Question</b>	<b>Session I (Dr. Anoop Singh)</b>	<b>Session II (Mr. Sunil Joglekar)</b>	<b>Session III (Dr. Anoop Singh)</b>	<b>Session IV (Mr. Anish De)</b>	
1	4.8	4.5	4.4	4.2	
2	4.6	4.1	4.4	4.2	
3	4.6	4.1	4.2	4.2	
4	4.8	4.2	4.2	4.3	
<b>Day 3 - Average Score</b>					
<b>Question</b>	<b>Session I (Mr. Ravindra Kadam)</b>	<b>Session II (Dr. P. C. Maithani)</b>	<b>Session III (Mr. B. K. Sahoo)</b>	<b>Session IV (Mr. R P Singh)</b>	
1	4.4	4.6	4.5	4.9	
2	4.1	4.3	4.4	4.9	
3	3.8	4.2	4.4	4.9	
4	4.3	4.3	4.4	4.9	

**Table: Overall Feedback of the Programme**

Question	Score			Better than expectation		
	Average	Min	Max	Yes	No	As Expected
<b>1.a</b>	4.5	3	5			
<b>1.b</b>				2	0	8
<b>2.a</b>	4.5	4	5			
<b>2.b</b>				1	0	7
<b>3.a</b>	4.75	4	5			
<b>3.b</b>				3	0	5

**Summary of Specific Feedback by Participants**

**Program Content (Additional issues identified):**

1. More interaction amongst all officers of ERCs to learn the best exclusive achievements of each other is required.
2. Please do not make such Training Programmes at the time of processing of Tariff Petitions. These periods are really hectic. Kindly take care of that.
3. The program and the resource person's response towards queries raised during the session are appreciable. It is suggested that some sort of specific session/program be arranged on the alarming issues such as the utilization of surplus power, rationalization of Railway freight payable upon fuel, swapping of coal mines, operationalization of closed thermal plants since huge public money already spent upon them which can be used in a better way.

**List of participants of 14th Capacity Building Programme (Online) March 1 – 3, 2021 IIT Kanpur**

<b>S.No.</b>	<b>Name</b>	<b>Designation</b>	<b>Organization</b>
1	Ms. Punam Rabha	Assistant Director (Tariff)	Assam Electricity Regulatory Commission
2	Mr. Pawan Kumar	Dy. Director (Commerce)	Bihar Electricity Regulatory Commission
3	Ms. Geetika Gupta	Dy. Director (Tariff Engg.)	Delhi Electricity Regulatory Commission
4	Mr. Santosh Kumar Asipu	Assistant Director (Tariff)	Gujarat Electricity Regulatory Commission
5	Er. Maneesh Mahajan	Executive Director (Tech)	Himachal Pradesh Electricity Regulatory Commission
6	Mr. Rajendra Prasad Nayak	Secretary	Jharkhand State Electricity Regulatory Commission
7	Mr. Rakesh Sharma	Executive Engineer	Joint Electricity Regulatory Commission, J&K , Lada
8	Mr. Raviraj Kadam	Deputy Director (Technical)	Maharashtra Electricity Regulatory Commission
9	Mr. Eswoll Slong	Secretary	Meghalaya State Electricity Regulatory Commission
10	Er. Hekavi N Ayemi	Assistant Engineer (Tariff),	Nagaland Electricity Regulatory Commission
11	Mr. Ashok Kumar Jagadev	Dy. Director (Tariff-Engg)	Odisha Electricity Regulatory Commission
12	Mr. Parminder Singh Walia	Dy. Director (M&F)	Punjab State Electricity Regulatory Commission
13	Er. Sanjeev Kumar Garg	Dy. Director (Tariff)	Punjab State Electricity Regulatory Commission
14	Mr. Praveen Kumar Garg	Dy. Director (Tech.)	Rajasthan Electricity Regulatory Commission
15	Thiru. V. Srinivasan	Dy. Director (Tariff-1)	Tamil Nadu Electricity Regulatory Commission
16	Mr. Umakanta Panda	Secretary	Telangana State Electricity Regulatory Commission
17	Mr. Shivanku Bhatt	Assistant Director (Law)	Uttarakhand Electricity Regulatory Commission
18	Dr. Amit Bhargava	Director (Tariff)	Uttar Pradesh Electricity Regulatory Commission
19	Mr. Navonil Datta	Director (Finance)	West Bengal Electricity Regulatory Commission