## Department of Industrial and Management Engineering Indian Institute of Technology Kanpur



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

21 - 22 Nov. 2015, IIT Kanpur 24 - 26 Nov. 2015, Singapore

Venue: IIT Kanpur & Singapore

To be organised by IIT Kanpur

Supported by



**Forum of Regulators** 

## Draft Agenda

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

21-22 Nov. 2015, IIT Kanpur 24-26 Nov. 2015, Singapore

| 0830 Hrs. – 0900 Hrs.              | Registration  |
|------------------------------------|---|
| 0900 Hrs. – 0930 Hrs.              | Inaugural Function: Prof. Amalendu Chandra, Dean (R & D), IIT Kanpur Prof. Rahul Varman, Head, Dept of IME, IIT Kanpur Dr. Anoop Singh, Programme Coordinator, IIT Kanpur |
| 0930 Hrs. – 1000 Hrs.              | High Tea  |
| 1000 Hrs. – 1130 Hrs.              | Economics of Regulation for the Power Sector<br>Anoop Singh, IIT Kanpur   |
| 1130 Hrs. – 1300 Hrs.              | Developments in the Coal Sector - Bidding and its<br>Implications for the Power Sector, Mr. Vivek Bharadwaj, Jt.<br>Secretary, Ministry of Coal (Invited)                 |
| 1300 Hrs. – 1400 Hrs.              | Lunch Break   |
| 1400 Hrs. – 1530 Hrs.              | Solar Rooftop - Policy, Regulation and Experience across<br>Indian States, Dr. A. K. Tripathi, Director, MNRE   |
| 1530 Hrs. – 1600 Hrs.              | Tea / Coffee Break  |
| 1600 Hrs. – 1730 Hrs.              | Important APTEL Judgements Related to the Electricity Sector, Mr. V J. Talwar, Former Member, Appellate Tribunal for Electricity  |
| Day 2 – Sunday, 22 <sup>nd</sup> N | November, 2015  |
| 0830 Hrs. – 1000 Hrs.              | Competitive Bidding in the Power Sector - Experience and Developments, Mr. Rajat Misra, Vice President - Project Advisory & Structured Finance, SBI Caps                  |
| 1000 Hrs. – 1030 Hrs.              | Tea / Coffee Break  |
| 1030 Hrs. – 1200 Hrs.              | Short-term Power Procurement and Open Access<br>Mr. Akhilesh Awasthy, Director (Market Operations), Indian<br>Energy Exchange   |
| 1200 Hrs. – 1330 Hrs.              | Developments in Renewable Energy Feed-in Tariff and REC Market, Mr. Rakesh Shah, Sun Edison   |
| 1330 Hrs. – 1400 Hrs.              | Lunch Break   |
| 1400 Hrs. – 1530 Hrs.              | Developing a Regional Power Market in South Asia<br>Anoop Singh, IIT Kanpur   |
| 1530 Hrs. – 1600 Hrs.              | Tea / Coffee Break  |
| 1600 Hrs                           | Departure for Lucknow Airport   |

| Day 3 – Monday, 23 <sup>rd</sup> November, 2015 |  |  |
|---|--|--|
| 2315 Hrs. – 0720 Hrs.                           | Travel to Singapore: Departure from Lucknow on 22 Nov. 18:30 |  |

| Day 4 – Tuesday, 24 <sup>th</sup>  | November, 2015   |
|------------------------------------|--|
| 0900 Hrs. – 1030 Hrs.              | Regulation of Power Sector in Singapore - Development and Current Practices, Ms Rachel Su Huifen, Dy. Director, Energy Market Authority                  |
| 1030 Hrs. – 1100 Hrs.              | Tea / Coffee Break   |
| 1100 Hrs. – 1230 Hrs.              | Electricity Contracts and Power Market Operation in Singapore, Mr. Seong Wah Toh, Energy Market Company (Invited)  |
| 1230 Hrs. – 1400 Hrs.              | Lunch Break  |
| 1400 Hrs. – 1530 Hrs.              | Energy efficiency potential and initiatives in Singapore, Mr. Ram Bhaskar, Director, National Environment Agency, Singapore                              |
| 1530 Hrs. – 1600 Hrs.              | Tea / Coffee Break   |
| 1600 Hrs. – 1730 Hrs.              | Electricity Brainstorm Session – II,<br>Anoop Singh, IIT Kanpur  |
| Day 5 – Wednesday, 25              | 5 <sup>th</sup> November, 2015   |
| 0900 Hrs. – 1030 Hrs.              | Performance Standards and Monitoring in Electric Utilities,<br>Mr. Howe Run Lim, Head (Regulatory Management &<br>Strategic Investments) Singapore Power |
| 1030 Hrs. – 1100 Hrs.              | Tea / Coffee Break   |
| 1100 Hrs. – 1230 Hrs.              | International RE Scenario - Challenges and Prospects,<br>Mr. Ashish Sethia, Head of South & Southeast Asia,<br>Bloomberg New Energy Finance              |
| 1300 Hrs. – 1400 Hrs.              | Lunch Break  |
| 1400 Hrs. – 1530 Hrs.              | Implementing Smart Grid Project in Singapore, Dr. Ashwin M Khambadkone, National University of Singapore/EPGC  |
| 1530 Hrs. – 1600 Hrs.              | Tea / Coffee Break   |
| 1600 Hrs. – 1730 Hrs.              | Valedictory Function: Chief Guest - Mr. Kim Yin Wong, CEC Singapore Power.   |
| Day 6 – Thursday, 26 <sup>th</sup> | November, 2015   |
| 0900 Hrs. – 1030 Hrs.              | Site Visit - Experimental Power Grid Centre, Jurong Island   |
| 1030 Hrs. – 1100 Hrs.              | Tea / Coffee Break   |
| 1100 Hrs. – 1230 Hrs.              | Site Visit   |
| 1100 Hrs. – 1230 Hrs.              | Site Visit   |

1230 Hrs. – 1400 Hrs.

1400 Hrs. – 1530 Hrs.

Lunch Break

Site Visit

| 1530 Hrs. – 1600 Hrs. | Tea / Coffee Break |
|-----------------------|--------------------|
| 1600 Hrs. – 1730 Hrs. | Site Visit         |