



Indian Energy Exchange (IEX) &  
Administrative Staff College of India (ASCI)

jointly announce  
A Four-day Residential Course on

# "POWER MARKETS IN INDIA ISSUES & CHALLENGES"



October 30-2 November, 2017  
at ASCI Hyderabad

# POWER MARKETS IN INDIA ISSUES & CHALLENGES

## ▶ COURSE OVERVIEW

Indian Energy Exchange (IEX) is organizing a 4-day residential Leadership course in "Power Markets in India – Issues and Challenges" in association with Administrative Staff College of India (ASCI), Hyderabad. The program is designed by the experts from IEX and ASCI with a focus on recent developments in the Power sector. The Venue for this program is ASCI Hyderabad Campus and program has been conveniently scheduled during October 30-2 November, 2017.

## ▶ COURSE OBJECTIVES

This Course is aimed to provide insights into the development of electricity markets in India and provide a platform for discussing the challenges and way ahead. The program purposes to:

- Enable Participants Grasp the Fundamentals of Electricity Markets
- Develop insights into Challenges in Retails Competition arising out of separation of Carriage and Content
- Provide hands-on Experience to participants on the working of Power Exchanges

## ▶ WHO SHOULD ATTEND

The training course has been specifically designed for senior to middle level professionals from industry and practitioners from the entire power sector spectrum including:

- Generation companies
- Transmission Companies
- Distribution Companies
- Traders
- Financial Institutions and Banks
- Open Access Customers
- Consultants
- Academicians

## ▶ OUR VALUE PROPOSITION

The pedagogy of the course aims to synergize theory and practice. The course contents, to be taught by power sector experts and academicians, are supported by insights based on IEX's years of successful energy trading experience and thought leadership from ASCI. IEX and ASCI plan to adopt interactive methodology for this program to ensure knowledge advancement and intellectual progression for the participants.

# PROGRAM COVERAGE

The following modules would be handled by experts and practitioners in the power sector

## ▶ POWER MARKETS FUNDAMENTAL

- Evolution of Power Market, Where are we heading
- Economics of Power Market
- Open Access: Regulations and Operationalization

## ▶ POWER MARKET OPERATIONS

- Functioning of Power Exchanges: Regulation, Development and Products
- Trading on a Power Exchange: Indian Energy Exchange
- Hands-on with Trading Operations

## ▶ EMERGING CHALLENGES

- Power Procurement: Planning, Regulation and Practices (long, medium and short-term)
- Bidding Strategy in Power Markets
- Distributed Generation & Grid Integration
- Derivative Market in Electricity
- Smart Grid and Emergence of Prosumage Society

## POWER MARKETS IN INDIA ISSUES & CHALLENGES

### 4-Day Residential Program

Day & Date	0900 - 1030 hrs	1100 - 1230 hrs	1400 - 1530 hrs	1600 - 1730 hrs
Monday 30-10-2017	Inaugural & Overview <b>Speaker:</b> Dr. Usha Ramachandra, Professor, ASCI Visit to Library	Evolution of Power Market, Where are we heading <b>Speaker:</b> Dr. V. Bhaskar, Retd. Chairman, APERC	Economics of Power Market <b>Speaker:</b> Dr. Usha Ramachandra, Professor, ASCI	Derivatives Market in Electricity, <b>Speaker:</b> Mr. Akhilesh Awasthy, Director M.O., IEX
Tuesday 31-10-2017	Power Procurement: Planning, Regulation and Practices (Long, Medium and Short Term) <b>Speaker:</b> Mr. Sanjeev Mehra, MD, Tata Power Trading Company Ltd.	Distributed Generation & Grid Integration <b>Speaker:</b> Mr. Vishal Pandya, Director, RE Connect Energy	Open Access: Regulations and Operationalization <b>Speaker:</b> Mr. Rohit Bajaj, VP, IEX	E-SCerts Trading <b>Speaker:</b> Mr. Sudhir Bharti, AVP, IEX
Wednesday 1-11-2017	Functioning of Power Exchanges: Regulation, Development & Products <b>Speaker:</b> Mr. Prasanna Rao, VP, IEX	Trading on a Power Exchange: Indian Energy Exchange <b>Speaker:</b> Mr. Prasanna Rao, VP, IEX	"Hands-on", IEX	"Hands-on", IEX
Thursday 2-11-2017	Smart Grid and Emergence of Prosumage Society <b>Speaker:</b> Mr. Nitin Marjara, AGM, Tata Power Delhi Distribution Ltd.	Bidding Strategy in Power Markets <b>Speaker:</b> Mr. Ajit Pandit, Director, Idam Infrastructure Advisory Pvt. Ltd.	Panel Discussion/Case Study	Summary & Feedback - ASCI/ IEX

# DISTINGUISHED FACULTY



Dr. Usha Ramachandra

Dr. Usha Ramachandra, Professor and Area Chairperson of Energy Area, ASCI, is a Doctorate in Economics, from Central University, Hyderabad. She has worked extensively in the South Asia region as a resource person on energy and power sector related issues. She has worked on consulting assignments with power utilities, state and central regulatory commissions and governments in a variety of areas including tariff filing, tariff analysis, demand and supply estimates, regulations and policy related issues. Apart from being actively involved in ASCI's management development programmes, she has several publications, conference and workshop presentations to her credit.



Dr. V. Bhaskar

Dr. V Bhaskar has worked as the Chairman, Andhra Pradesh Electricity Regulatory Commission. He has retired from the IAS with international, national and state level experience of policy formulation and implementation of issues relating to public administration, including finance, taxation, and energy regulation. He obtained his Masters in Public Administration from Harvard University and his PhD in Economics from the University of Hyderabad. He has published a number of papers on energy sector regulation.



Mr. Sanjeev Mehra

Mr. Sanjeev Mehra is currently working as Managing Director in Tata Power Trading Company Ltd. He has vast experience of around 32 years in the field of Power Sector. He has completed his B.Tech & P.G. Diploma in Business Management. He has worked in NTPC, thereafter he joined Power Grid Corporation of India Limited. When trading of power was conceived, he joined PTC India Limited where he worked in various functions, and was marketing head of long term and short term trading before joining Tata Power Trading Company Limited in September 2011 as Managing Director.



Mr. Ajit Pandit

Mr. Ajit Pandit has more than 20 years of experience in dealing with varied aspects of energy and utilities sector in India. He brings with him the regulatory perspective and is well versed with risks and commercial arrangements associated with development, construction and implementation of various renewable energy generation schemes, transmission, evacuation, grid connectivity aspects and distribution schemes. He is an Electrical Engineer and holds Master of Management Studies from Mumbai University. He is one of the Founding Director of Idam Infrastructure Advisory Private Limited.



Mr. Akhilesh Awasthy

Mr. Akhilesh Awasthy is a professional with long qualitative and enriching techno-commercial experience in the power sector. He has led a multi disciplinary team for implementation of India's first Power Exchange, Indian Energy Exchange, and presently he is working as Director (Market Operations). He has devised systems and procedures for operations of the exchange which is catering to more than 3000 grid connected entities, flawlessly. Presently he is working on various solutions to address issues affecting implementation of Open Access, non implementation of which is hampering development of Power Market in the Country. He has done his Master in Electrical Engineering and is a Cost & Management Accountant (CMA).



Mr. Vishal Pandya

Mr. Vishal Pandya is an alumnus of IIT Bombay with specialization in power systems & power electronics. He brings good understanding on regulations, power system studies, market models, programming, algorithms and renewable energy. He has worked with IEX (business development) and L&T (power transmission and distribution) and is co-founder of REConnect, India's largest REC Trading Company and also with largest service portfolio in Wind Power Forecasting and Scheduling.

# Indian Energy Exchange (IEX)

IEX is the first and largest power exchange in India. Providing an automated trading platform for physical delivery of electricity, IEX enables efficient price discovery and offers participants the opportunity to trade in electricity contracts, Renewable Energy Certificates (RECs) and will soon offer trading ESCerts (Energy Saving Certificates). IEX is approved and regulated by Central Electricity Regulatory Commission (CERC) and has been operating since 27 June, 2008. As of March 31 2017, the Exchange has over 5,800 registered participants who are located across 29 states and 5 union territories in India. Our registered participant base includes 50 distribution companies, over 400 electricity generators, over 3,800 open access (industry and commercial) consumers and over 1,000 renewable energy generators.

## Administrative Staff College of India (ASCI)

The Administrative Staff College of India was established at Hyderabad on 18 May 1956 at the initiative of the government and the corporate sector. It is registered as a society under the 'Societies Registration Act'. Altogether 93 organizations in India, comprising public and private sector corporations and state governments, are members of its College Society. The ASCI has pioneered 'post experience management education', research and consultancy activities for government, public and private sectors. It is essentially an institution for practicing managers and over the last 57 years over 1.25 lakh executives have passed through its portals. The objective is to skill and handhold the organizations and transforms the creative ideas into sustainable practices for effective service delivery. The ASCI believes in 'leadership through learning'.



ASCI, Hyderabad

# REGISTRATION FORM

Name & Designation:		
Organization/Company (For Invoice):		
Address (For Invoice):		
City:	Pincode:	Country:
Fax:	Mobile:	Phone:
Email:		

## DETAILS OF DELEGATES

Name	Designation	Email ID	Mobile No.

## Registration Fees

FEES	INR
For Delegate	60,000*

\* GST extra (18%) on registration fee mentioned above.

**Registration would be confirmed on receipt of the payment on first-come-first-serve basis. There are limited seats for the course, therefore it is suggested that you book your seats early.**

The Registration Fee includes:

- The participation fees and course material
- 4-Nights single AC accommodation at ASCI Hyderabad
- 4-Days boarding charges including all meals, tea/coffee break
- Pick-up and drop from/to airport/railway station in Hyderabad

### Payment Details:

#### Via Cheque/Demand Draft

Cheque/DD should be drawn in favor of Indian Energy Exchange Limited, par payable at New Delhi.

### Transfer Online

**Beneficiary:** Indian Energy Exchange Limited  
**Bank Account Number:** 15770340006939

**Bank Name:** HDFC Bank Limited  
**Account Type:** Current A/c

**Branch:** Fort, Mumbai  
**IFSC Code:** HDFC0000060

(Please email/fax the duly filled in form to: Mr. Manish Arya at [training@iexindia.com](mailto:training@iexindia.com)/+91-11-43004015)

### IEX Course Co-ordinator

Mr. Manish Arya,

### INDIAN ENERGY EXCHANGE LTD

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Jasola, New Delhi (India) – 110025. Tel No.: +91-11-43004075 | [www.iexindia.com](http://www.iexindia.com)

### ASCI Course Director

Dr. Usha Ramachandra, Professor & Chairperson, Energy Area,

### ADMINISTRATIVE STAFF COLLEGE OF INDIA,

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