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POWERLINE

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2nd Annual

POWER LINE SUMMIT 2017

THE ROAD AHEAD

October 10, 2017, The Imperial, New Delhi

Partner Exchange:



MISSION

Over the past couple of years, the Indian power sector has changed dramatically. In terms of issues, challenges and opportunities. In good ways and otherwise.

The most significant change lies in the fact that supply seems to be exceeding demand. PLFs are decreasing. Plants are being asked to back down. As a result, many existing plants are financially stressed. Plans for new “conventional” capacity are being shelved.

The new capacity addition, being planned or developed, is almost entirely from renewable sources, most of it from solar. The integration of this energy into the grid creates its own challenges, from the flexibilisation of coal-fired plants to increased transmission capacity, from greater storage requirements to net metering capability.

The “threat” from renewable energy is not the only challenge facing coal-fired plants, which provide almost four-fifths of the total power produced. The implementation of new environmental norms will require substantial new capital investment. Some operators may decide to decommission their older plants rather than incur this cost.

The demand for power, meanwhile, seems to have slowed down. It is growing at a rate lower than the GDP, probably a result of improving energy efficiency and decelerating manufacturing growth. There is hope that the focus on rural electrification, 24x7 supply, affordable power for all, Make in India and electric vehicles will reverse this trend. There are still many parts of the country where power is available only for a few hours a day. And the per capita consumption is still far too low for a country with aspirations.

Discom finances have certainly been helped by UDAY. Debt and interest costs have been sharply reduced, leading to lower operating losses. But further progress can only come from the rationalisation of tariffs and a reduction in T&D losses, areas where the discoms have been lagging of late.

We need to change our approach to planning in light of all the disruption that we have seen in the sector. We will also need policy and regulatory interventions to address the new challenges, and for the further development and evolution of the power market.

With these new challenges will come new opportunities – for new technologies, new business models and even new players.

The objective of the Power Line Summit 2017 is to provide a top-level view of the road ahead for the Indian power sector – issues, challenges and opportunities. The summit will feature the viewpoints of all key stakeholders – developers, utilities, policymakers, regulators, technology providers and financiers.

TARGET AUDIENCE

- Conventional Energy Producers
- Distribution Companies
- Technology Providers
- Policymakers and Regulators
- Legal Firms
- Renewable Energy Producers
- Energy Traders
- Equipment Manufacturers
- Financiers and Investors
- Multilateral Agencies
- Transmission Utilities
- Industrial Power Consumers
- EPC Contractors
- Management Consultants
- Other Service Providers, etc.

AGENDA / STRUCTURE

FUTURE OF COAL-FIRED PLANTS

- ❖ What will be the new normal for coal-fired plants (PLF, availability, cost, etc.)?
- ❖ What is the cost of complying with the new environmental norms?
- ❖ How much capacity will need to be or is likely to be decommissioned?
- ❖ What is the impact of the flexibilisation requirement?

DEMAND OUTLOOK

- ❖ What are the key factors responsible for the slowdown in demand growth?
- ❖ What are the trends by segment and by region?
- ❖ What could be the key drivers of future growth in demand?
- ❖ What is the outlook for the next five years? What are the projections?

OIL TO ELECTRICITY: E-MOBILITY HYPE AND REALITY

- ❖ What is the roadmap for electric vehicles?
- ❖ What is the potential impact on the demand for power?
- ❖ What is the infrastructure requirement?
- ❖ What are the other issues and challenges?

REAL COST OF RENEWABLE POWER

- ❖ What is the real cost of renewable power (transmission, storage, balancing, etc.)?
- ❖ How can it be accounted? Who should pay this cost?
- ❖ What is the impact on the rest of the power system?

TOMORROW'S GRID

- ❖ Is the power grid evolving adequately? Are there weak links in the chain?
- ❖ What are the new and emerging requirements?
- ❖ What are the required strategies and solutions?

IMPACT OF UDAY AND THE WAY FORWARD FOR DISCOMS

- ❖ What has been the impact of UDAY on discom finances?
- ❖ What is the realistic way forward for tariff rationalisation?
- ❖ What is an achievable goal for AT&C loss reduction?
- ❖ How can discoms cope with “customer loss” (through rooftops, open access, etc.)?

NEXT STEPS IN MARKET EVOLUTION

- ❖ How “open” is the access? How can it be improved?
- ❖ What role can the markets play in renewable energy integration?
- ❖ What are the next steps in market development and evolution?
- ❖ What are the required regulatory measures?

STRESSED ASSETS

- ❖ What is the level of stressed assets in the power sector?
- ❖ What are the realistic options in dealing with these assets?
- ❖ Have schemes like SDR and S4A been effective?
- ❖ What else is required from the government, developers, lenders and regulators?

CHANGING THE PLANNING PARADIGM

- ❖ How should we change our planning approach in light of disruptive changes like distributed generation, market evolution, energy efficiency, electric vehicles, etc.?
- ❖ Is the current “top down” method still appropriate?
- ❖ What are the new and additional inputs needed to make it more effective?

Previous Participants

ABB India • Andritz India • Appellate Tribunal for Electricity • Aries Power Systems • Bajaj Electricals • BHEL • BSES Rajdhani Power • C&S Electric • Central Electricity Regulatory Commission • CESC • Clean Max Enviro Energy Solutions • Cogeneration Association of India • Dalmia Cement (Bharat) • Doosan Skoda Power • Energy InfraTech • Engineering Council of India • Essel Mining & Industries • Exide Industries • First Solar Inc • First Solar Power India • Fortum India • GIZ • Glencore India • GSECL • Gujarat State Electricity Corporation • Hilti India Private • ICF • ICICI Bank • ICRA • ICRA • IIFCL Projects • IL&FS Energy Development Company • IL&FS Energy Development Company • India Infrastructure Finance Company • Indian Energy Exchange • Infosys • JSagar Associates • Jindal Steel & Power • JSA • JSW Energy • JSW Power Trading Company • Kalpataru Power Transmission • KPMG Advisory Services • L&T Infrastructure Finance Company • Lanco Power • Macawber Beekay • Magnatech Smartgrid Solutions • MAHAGENCO • MGM Energy • Ministry of Power • Motilal Oswal Securities • National High Power Test Laboratory • NDTV • NHPC • NTPC • ONGC Tripura Power Company • Panorama Television • Power Grid Corporation of India • Power System Operation Corporation • Praxair India Private • Prudent Insurance Brokers • PTC India • PTC India Financial Services • RattanIndia Power • Religare Capital Markets • RNSM Energy Advisors LLP • Shirpur Power • Siemens • Simex PPP Kit Services • Sterlite Power Grid Ventures • Sterlite Power Transmission • Suzlon Energy • Tata Power Company • Thermo Fisher Scientific India • Voith Hydro Private • Yes Bank • Yes Securities (India), etc.

2016 SUMMIT SPEAKERS

Keynote address by:



Piyush Goyal,
Hon'ble Minister of State, Power, Coal,
New and Renewable Energy and Mines, Govt of India

Other speakers (in alphabetical order)



Deepak Amitabh,
Chairman and Managing Director,
PTC India



Anish De,
Partner & Head, Strategy & Operations
Advisory (Infrastructure), KPMG India



H.L. Bajaj, Former Chairperson,
CEA & Former Member, Technical,
Appellate Tribunal for Electricity



Sujoy Ghosh,
Country Head – India,
First Solar



Dr Ashok Haldia,
Managing Director and CEO,
PTC India Financial Services



Jayant Kawale,
Managing Director,
RattanIndia Power



Sabyasachi Majumdar,
Senior Vice President,
ICRA



Sanjay Sagar,
Joint Managing Director and CEO,
JSW Energy



Gopal Saxena,
Director,
BSES



R.V. Shahi,
Chairman,
Energy Infratech



Gurdeep Singh,
Chairman and Managing Director,
NTPC



S.K. Soonee,
Chief Executive Officer,
Power System Operation Corporation



T.N. Thakur,
Former CMD,
PTC India



Ravi Uppal,
Managing Director & Group CEO,
Jindal Steel & Power Limited



Dr Arun Kumar Verma,
Joint Secretary,
Ministry of Power



V.S. Verma,
Former Member, Technical, CERC, and
Hon. Member, Forum of Indian Regulators



Sunil Wadhwa,
Chief Executive Officer,
IL&FS Energy Development Agency



Nitin Zarnre,
Managing Director,
ICF International, India

Power Line has evolved into an incisive encyclopaedia of knowledge for the power sector and the advantage of such a magazine is that we get a very impartial and independent view, particularly when we are making policies. I have not seen any other magazine come up with comparable quality of information.

Piyush Goyal,
Hon'ble Minister of State, Power, Coal,
New and Renewable Energy and Mines,
Government of India



SNAPSHOTS 2016



ORGANISERS

Power Line is India's No. 1 magazine on the power sector published by India Infrastructure Publishing. It also publishes five other magazines – *Indian Infrastructure*, *Renewable Watch*, *tele.net*, *Gujarat Infrastructure* and *Smart Utilities*. Each of these magazines is a market leader in its segment. It also publishes a series of reports on the energy sector including *Coal-based Power Generation in India*, *Power Transmission in India*, *Power Distribution in India*, *Solar Power in India*, *Wind Power in India* and *T&D Equipment Market in India*. The company also publishes *Power News* (a weekly newsletter) and the *Power Line Directory and Yearbook*.

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	INR	GST @ 18%	Total INR	Total USD
One delegate	25,000	4,500	29,500	492
Two delegates	45,000	8,100	53,100	885
Three delegates	65,000	11,700	76,700	1,278
Four delegates	85,000	15,300	100,300	1,672

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