



INDIAN CHAMBER OF COMMERCE

Theme 2023-2024
INDIA 2047

Knowledge Partner

Deloitte.

18th **india** 
energy summit &

12th Innovation with Impact Awards for Discoms

Transform or Perish

22nd and 23rd October, 2024
The Lalit, New Delhi

Background:

India's Tryst with Sustainable Development is perhaps, India's largest challenge within a rapidly growing economy, which is fighting the challenges of industrial development, poverty alleviation, employment creation, technology obsolescence, rapid urbanization, enhanced mobility, inclusive growth and the looming global emergency of climate change. While it is a financial challenge on one hand, it is also an enormous opportunity for grabbing new opportunities in green technology, green fuels and new frontiers in electrical grid management and energy storage technologies. What makes the situation more challenging for government and industry is that the transformation is to be attained in a short time span, without disturbing the speed of economic development and with new skill sets. It calls for swift decision making in respect of technology and investment, crucial handholding and policy support by the central and state governments, ready availability of priority financing, tax incentives, technical skill development, reorientation of the present workforce and increase in quality and testing laboratories. The arena of action will range from traditional mineral mining to Artificial Intelligence and Quantum Technology, where commercial applications would emerge from theoretical constructs. The imperative Energy Transition would require the skill sets of a trapeze artist.

Computerized controls, weather forecasting, electrical load management, generation and load swings, multiple contributors to the electric generation and supply as the effects of swift weather changes will have a direct bearing on electricity generation, thereby presenting a paradigm shift in electrical grid management.

The advanced ultra-super critical technology will improve efficiency of the coal plants. Thermal and Nuclear Power will continue to be the base load for power in the present, with a much larger role for Nuclear in the future. Investment in Nuclear Power deserves a manifold increase particularly in development of SMRs. Energy efficiency will assume greater importance for reducing fuel consumption and emissions. Electrical goods and machineries, which consume less electricity, should be given greater consumer support, tax reliefs as well as investment benefits.

With the advent of renewable power and the revolution in transport to electric vehicles, electricity storage whether in the nature of pumped storage at the generation end or battery storage for vehicles, will entail massive investment in energy storage technologies as well as new business enterprises having energy storage as the primary function.

Hydrogen as a fuel is the fuel of the future. Hydrogen as a fuel, generally from any source and Naphtha as a probable carrier, with the associated transportation system is a promising, future energy investment prospect. The Hydrogen economy presents an opportunity for a large electrolyzers production capacity.

Besides the various ongoing schemes in the energy sector, the Prime Minister who is leading the clean energy movement has announced the PM – Surya Ghar Muft Bijli Yojna.

The electricity distribution sector is at the heart of electricity business, from where electricity is distributed to the furthest end of the electricity consumer chain, the ICC gave prime importance to this segment of the energy chain and instituted its prestigious **Discom Awards, twelve years ago** to evaluate, recognize and honour the best performers.

The New Energy wave for a Sustainable Planet heralds a paradigm shift in energy production, its technology and parameters. It is back to Nature and Decentralization. Business has to grab this new industrial revolution across the energy chain through investment, innovation, efficiency, and by retraining their workforce. Educational and Technical institution must revamp their skilling methodologies, financial institutions have to provide soft credit and government policies have to nurture the new business cycle. For the energy business, it is a moment to collectively **Transform or Perish.**



Summit Focus:

Day 1

- Improving Efficiency in Energy Extraction, Production and Consumption
- Optimizing the Hydro Carbon Use in Production and Distribution Networks
- Green Power: Hydro, Solar, Wind and Nuclear
- Employment Generation Potential in the New Energy Paradigm

Day 2

- Green Hydrogen Economy: From Production to Consumption
- Future Clean Energy Prospects
- Round Table on "The Discoms of the Future"

Summit Highlights:

- Two Day Event - Sessions on Technical Aspects and Policy Discussions
- Presence of International Researchers and Scientists, Senior Government Officials, Policy Makers and eminent Industry Players
- Presence of International Experts
- Presentation of Best State Power Utility Awards
- Presentation of 12th Innovation with Impact Awards for Discoms (Private & Public Sector)
- Release of Exclusive Knowledge Report on Indian Energy by Deloitte

Summit Chair:

Mr. Anil Razdan, Former Power Secretary, Government of India

Summit & Awards Co-Chair:

Mr. Santanu Basu, IAS, Secretary, Power, Govt. of West Bengal, Chairman & Managing Director, WBSEDCL

Invited Awards Chief Guest:

Shri Manohar Lal, Hon'ble Cabinet Minister of Power, Government of India

Invited Guest of Honour:

Mr. Pankaj Agarwal, IAS, Secretary, Ministry of Power, Government of India

Other Invited Dignitaries :

- Mr. Gurdeep Singh, CMD, NTPC Limited
- Mr. Vivek Kumar Dewangan, IAS, CMD, REC Limited
- Mr. PM Prasad, CMD, Coal India Limited
- Mr. R. K. Tyagi, CMD, Power Grid Corporation of India Limited
- Smt. Parminder Chopra, CMD, Power Finance Corporation Limited
- Mr. G.Krishnakumar, CMD, Bharat Petroleum Corporation Limited
- Mr. Utpal Bhattacharyya, Co-Chair, ICC National Expert Committee on Energy, President, Regulatory Affairs & Corporate Services, RPSG Group
- Mr. Gyanesh Chaudhary, Co-Chair, ICC National Expert Committee on Energy, Chairman & Managing Director, Vikram Solar
- Mr. M. Prasanna Kumar, Director (Power), NLC India Ltd

Winners of 11th Innovation with Impact Award for Discoms at 17th India Energy Summit, 2023



AWARD PRESENTED TO TATA POWER DELHI DISTRIBUTION LTD



AWARD PRESENTED TO MAHARASHTRA STATE
ELECTRICITY DISTRIBUTION COMPANY LIMITED



AWARD PRESENTED TO BSES RAJDHANI POWER LIMITED



FELICITATION OF HONOURABLE JURY MEMBER, MR. ALOK BRARA



FELICITATION OF MR. MUKESH AGRAWAL, VICE PRESIDENT, SBI CAPITAL

Speakers at 17th India Energy Summit



Mr. Anil Razdan
Chair, ICC National Expert
Committee on Energy



Mr. Amaya Prabhu
President, ICC



Mr. Pankaj Agarwal IAS
Secretary, Ministry of Power,
Government of India



Mr. Anujesh Dwivedi
Power Utilities & Renewables,
Leader, Deloitte

Join us in shaping India's energy future!