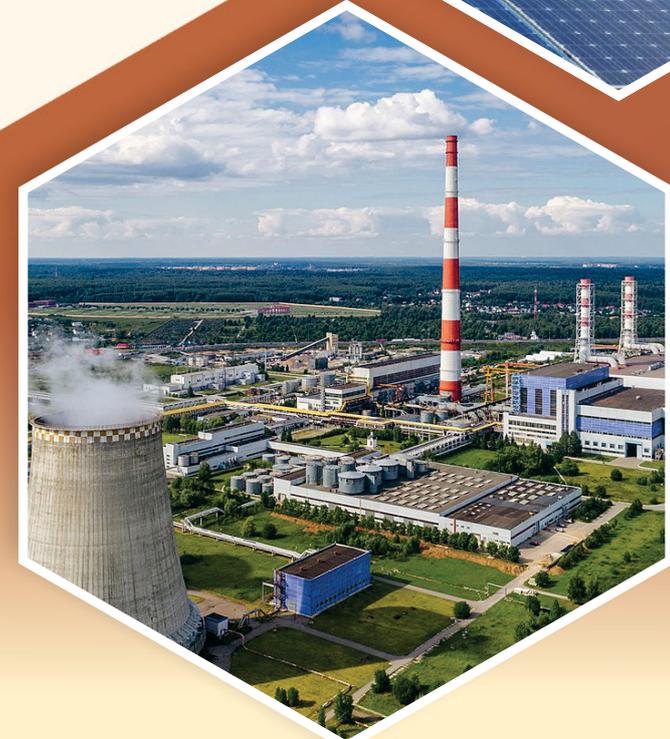
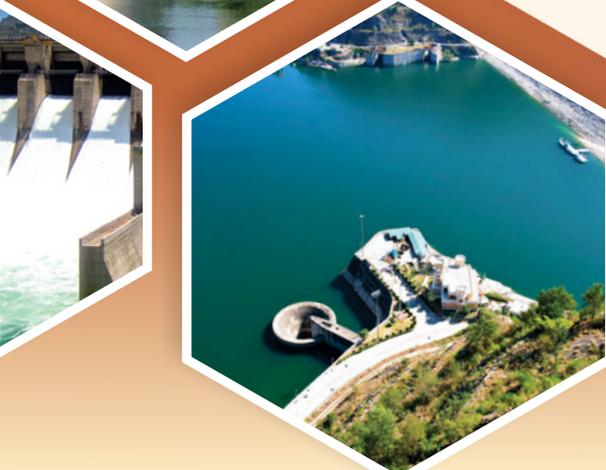
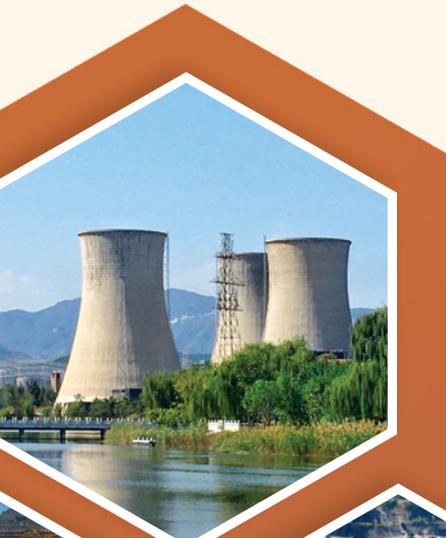


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Tuesday, 23rd December 2025
 Hotel Le Meridien, New Delhi

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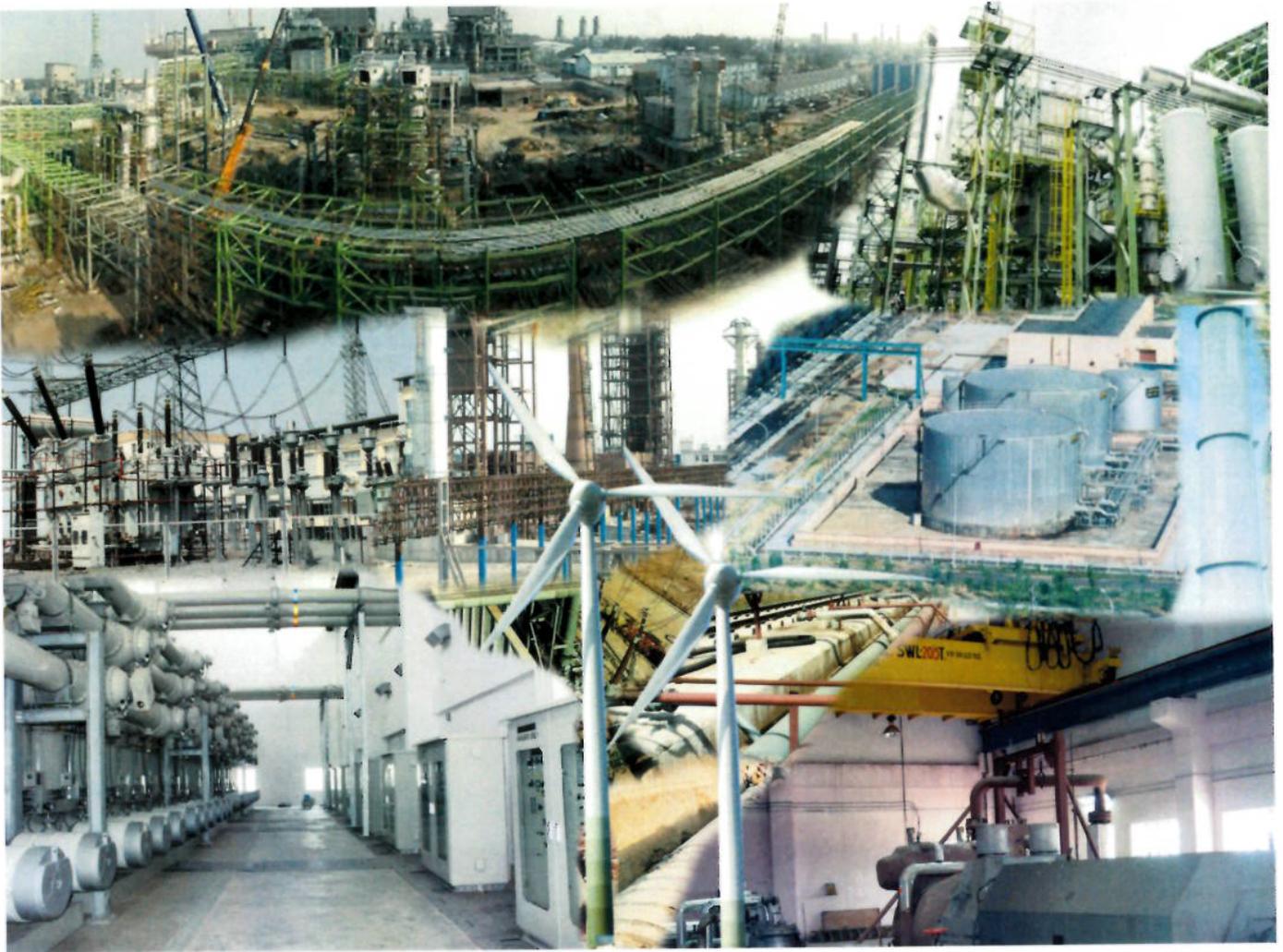


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Best Performance of Award for Substation Construction - 2013 from Power Grid Corporation of India Limited.

Top 100 Companies of India – Business Standard, 2013.



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Website: www.techno.co.in

PROGRAMME

9.00 a.m. to 10:00 a.m.	Registration and Networking Tea
10:00 a.m. - 11:00 a.m.	INAUGURAL SESSION
	<ul style="list-style-type: none"> • Welcome Address by Dr. H L Bajaj, Chairman, Power Group, IEF, Former Chairperson, CEA and Ex Officio Secretary to the GoI, Ex Member, Appellate Tribunal for Electricity • Presidential Address by Shri R V Shahi, President, IEF and Former Secretary, Ministry of Power, GoI • Keynote Address by the Guest of Honour, Shri Ghanshyam Prasad, Chairperson, CEA - Online • Inaugural Address by the Chief Guest, Shri Pankaj Agarwal, IAS, Secretary, Ministry of Power, GoI • Presentation of IEF Energy Service Award 2024 (Shri Upendra Tripathy, Former Secretary, MNRE, GOI) followed by Spl. Address • Vote of Thanks by Shri Satish C Sharma, Convenor, Power Group, IEF
11.00 a.m. - 11.30 a.m.	TEA
11.30 a.m. - 12.00 Noon	Theme Presentation by BDO India, Knowledge Partner – Shri Rakesh Jha, Partner BDO India.
12.00 Noon - 1.00 p.m.	SESSION I: Panel Discussion on “Towards Net-Zero: Policy and System Readiness for High Renewable Integration”
	<p>Focus:</p> <ul style="list-style-type: none"> • National policy and planning for RE integration • Transmission system expansion and grid readiness • Regulatory measures for flexibility and resource adequacy • Planning for variability, uncertainty, and accelerating RE growth <p>Moderator: Shri Ajay Shankar, Distinguished Fellow, TERI & Ex Union Secretary</p> <p>Distinguished Panellists:</p> <ul style="list-style-type: none"> • Shri A Balan, Member (Planning), CEA • Dr. Neeraj Sinha, former Adviser / Joint Secretary, Office of the Principal Scientific Adviser to the GoI, Cabinet Secretariat • Dr. S K Chatterjee, Chief, Regulatory Affairs, CERC • Ms. Sangeeta Kaushik, Executive Director (CP & BD), NTPC
	Q & A
1.00 p.m. - 2.00 p.m.	LUNCH

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Jindal Power Limited (JPL) is amongst India's leading Mega Power Plants built with state-of-the-art technology and consisting of Coal Mines of 41.65 MTPA, Coal Washeries of 11.55 MTPA, Pipe Conveyor and Transmission Lines. India's first Private Sector Entity to set up an Integrated Mega Power Plant of 1000 MW capacity at Tamnar, Chhattisgarh

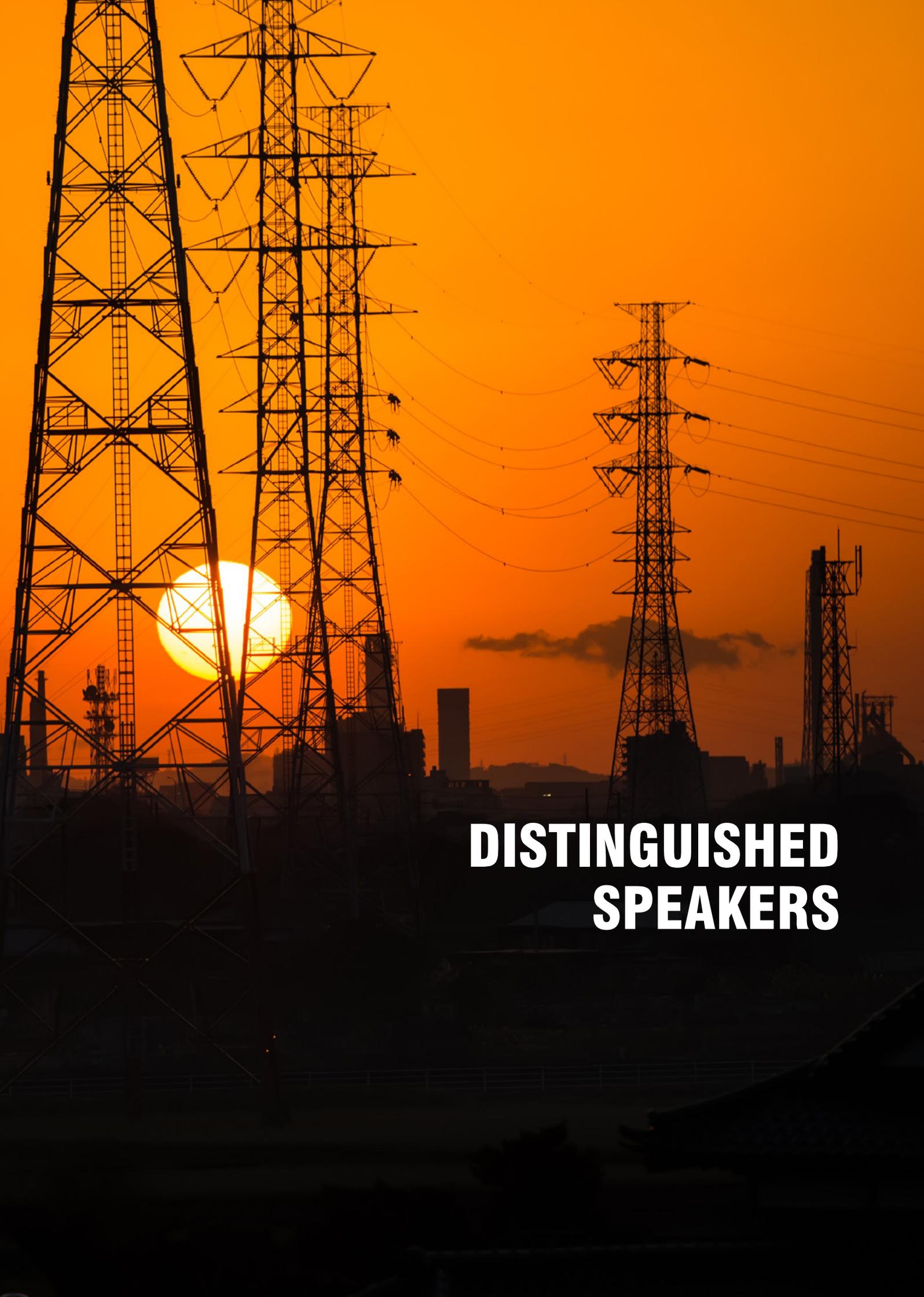
JPL is one of the largest power producers in India with an installed power generation capacity of 4300 MW that caters to the need of country's power 24x7.

JPL is truly taking a giant leap forward for the country and strengthening the vigor of Make in India each passing day.



2.00 p.m. - 3.00 p.m.	SESSION II & III: Adapting Conventional Generation for Reliability in Renewable Rich Power Sector
	<p>Focus:</p> <ul style="list-style-type: none"> • Flexibilisation of thermal power plants • Ramping, cycling, and minimum-load operation challenges • Economic stress due to low market prices and mid-day surplus • Hydro and gas as balancing resources • Managing RE curtailment
2.00 p.m. - 2.45 p.m.	Session II - Thermal including Gas
	<p>Chairperson: Shri Praveen Kumar, Member (Thermal), CEA</p> <p>Distinguished Speakers:</p> <ul style="list-style-type: none"> • Shri Ravindra Kumar, Director (Opr), NTPC • Shri Pradipta Mishra, MD, Jindal Power Ltd • Shri Sanjay Bansal, GM, BHEL
2.45 p.m. - 3.30 p.m.	Session III - Hydro Power (Both Conventional and PSP) as Balancing Resources
	<p>Chairperson: Shri M G Gokhale, Member (Hydro), CEA</p> <p>Distinguished Speakers:</p> <ul style="list-style-type: none"> • Shri Neeraj Verma, ED (NCR), THDCIL • Shri Nitin Sabikhi, Sr Vice President, ReNew • Prof (Dr) Arun Kumar, Emeritus Fellow, Hydro and Renewable Energy Department HRED (Deptt of Hydro & Renewable Energy) IIT Roorkee • Shri V S Rao, GM, BHEL
(Tea will be served on Table)	
3.00 p.m. - 4.15 p.m	SESSION IV: Role of Nuclear Power in a High-Renewable Power System
	<p>Focus:</p> <ul style="list-style-type: none"> • Nuclear's role in system adequacy and reliability • Complementarity with variable renewables • Potential of SMRs to support flexible, modular clean power • Long-term role of nuclear in India's evolving power mix <p>Chairperson: Dr R B Grover, Member, AEC - Online</p> <p>Distinguished Speakers:</p> <ul style="list-style-type: none"> • Prof R Srikanth, Head (Energy, Environment and Climate Change), NIAS, Bangalore - Online • Dr Alok Mishra, Director India Offers and Country Director Westinghouse India

4.15 p.m. - 5.15 p.m	SESSION V: Enhancing System Flexibility and Dispatch Efficiency in Renewable-Rich Grids
	<p>Focus:</p> <ul style="list-style-type: none"> • Role of battery storage, pumped hydro, and hybrid RE+storage • Demand response and flexible loads • Ancillary services and market-based mechanisms • Better scheduling, forecasting, and digital tools for real-time operations • Pathways to reliable 24x7 clean energy <p>Chairpersons:</p> <ul style="list-style-type: none"> • Shri I S Jha, Former Member, CERC & Former CMD, PGCIL • Shri V S Verma, Former Member, CERC & CEA <p>Distinguished Speakers:</p> <ul style="list-style-type: none"> • Shri Samir Saxena, CMD, Grid India • Shri S K Soonee, Former MD, POSOCO - Online • Shri S N Goel, CMD, IEX
5.15 p.m. - 5.45 p.m	Concluding Session
	<ul style="list-style-type: none"> • Summing Up of Proceedings • Vote of Thanks by Shri SM Mahajan, SG, IEF



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Shri Pankaj Agarwal, IAS
Ministry of Power, Gol

Mr. Pankaj Agarwal is Secretary, Ministry of Power, Government of India from 1st July, 2023.

Prior to this, Mr. Agarwal was Additional Secretary & Director General (Acquisition), Ministry of Defence, Government of India since January, 2022. He was Additional Secretary and Joint Secretary in Cabinet Sectt from 2019 to 2022. Before this, he has held various important portfolios in the Government of Madhya Pradesh. Amongst them, he was Principal Secretary, Public Health Engg., Water Resources, Narmada Valley Development and Micro, Small and Medium Enterprises (MSME) in the State Government of Madhya Pradesh.

Mr. Agarwal belongs to the Indian Administrative Service of 1992 batch and has wide experience in the area of Health, Industry, Infrastructure and Finance in a career spanning 29 years. He studied Civil Engineering at IIT, Roorkee followed by Master of Technology in Construction Management at IIT, Delhi and Masters in Public Management at National University of Singapore.



Shri Ghanshyam Prasad
Chairperson, CEA

Shri Ghanshyam Prasad is presently holding the post of Chairperson and Ex-Officio Secretary to the Government of India, Central Electricity Authority, Ministry of Power from 15th July 2022. He is also the Member, ex-officio, of the Central Electricity Regulatory Commission. He belongs to the Central Power Engineering Services batch of 1989.

Prior to this he was holding the post of Joint Secretary in the Ministry of Power from 1st June 2020. He has served in the Ministry of Power for around 9 years in various capacities, i.e. Director (OM, Transmission) and Chief Engineer (OM, Transmission, Reforms & Restructuring and Regulatory Compliance Monitoring).

He did his graduation in B.Tech (Electrical Engineering) for IIT/BHU, Benares Hindu University. He holds a M.Tech in Energy and Environment Management from IIT, Delhi and also a MBA(Finance) from IGNOU, Delhi.

He has served 30 years in power sector and three years in the Bokaro Steel Plant, SAIL. During 30 years in power sector, he has worked and contributed in the areas of generation including the renewable energy, transmission, distribution, power market development/trading of power, Reforms & restructuring in power sector, energy efficiency, regulatory commission experience, disaster management in power sector, data analytics and information management system. A number of measures were taken to reduce the cost of power, ease of doing business, simplification of the procedures for approvals, bringing competition in power sector etc.

He has also served in Haryana Electricity Regulatory Commission for around six years and brought out new regulations.

He also has corporate experience and was Government Nominee Director of Power Grid Corporation of India Limited (PGCIL), a Maharatna Company; Power System Operation Corporation Limited (POSOCO); and Jammu and Kashmir State Power development Corporation Limited (J&KPDCL). Presently he is the Director on the Board of Nuclear Power Corporation of India Limited in an ex-officio capacity.



Shri R V Shahi

President, IEF and Former Secretary, Ministry of Power, GoI

Mr. R V Shahi was Secretary, Ministry of Power, Government of India, from 2002-07 which is the longest term served by any incumbent. In this position, he was responsible for policy initiatives and implementation for India's entire Power Sector (2,00,000 MW capacity) and over significant restructuring with the institution of the Electricity Act 2003, National Electricity Policy 2005 and National Tariff Policy 2006. Other major initiatives include 50,000 MW Hydro Power Initiative 2003, Accelerated Power Development and Reform Programme 2003, Setting up Bureau of Energy Efficiency 2003, Rural Electrification Policy 2005, Ultra Mega Power Policy 2006 and Merchant Power Policy 2006. Mr. Shahi is currently the Chairman of Energy Infratech Pvt. Ltd. and was formerly the Chairman and Managing Director (1994-2002) of professionally managed BSES Ltd (later taken over by Reliance Energy in 2004). He transformed BSES from a small distribution utility to a multi-unit fully integrated power utility having generation, transmission and distribution. At National Thermal Power Corporation (NTPC) from 1978-94, he was the General Manager in charge of Dadri Power Project; Executive Director in charge of Southern Region of NTPC, and Member on the Board of Directors of NTPC in-charge of Operations, R&D and Commercial functions. He has authored several books on the power sector, is a Fellow of the World Academy of Productivity Sciences, Institution of Engineers (India), International Institute of Electrical Engineers, and Indian National Academy of Engineering. He has been on the Boards of Xavier Management Institute Bhubaneswar, IIM Lucknow, and Management Development Institute in Gurugram. Mr. Shahi is a graduate in mechanical engineering from the National Institute of Technology, Jamshedpur, post-graduate in Industrial Engineering, post graduate in Business Management (MBA), and a diploma in Advanced Industrial Management (Delft, Holland). Mr. Shahi is currently, as Consultant, Senior Energy Advisor with the World Bank for South Asia Regional Integration.



Shri Ajay Shankar

Distinguished Fellow, TERI

Ajay Shankar has had rich and varied experience in public service for over forty five years, primarily in the fields of industry, the power sector and urban development. He is 73 Batch of IAS Officer.

Before serving as Secretary (DIPP), he was Principal Adviser in the Planning Commission looking after Environment and Forests, Water and Sanitation as well as provision of Rural Infrastructure and contributed to the preparation of the Eleventh Five Year Plan in these areas.

He has been a public policy scholar at the Woodrow Wilson Centre in Washington D.C. USA. His articles on economic policy issues have been appearing in the national papers.

He has served on the Boards of major public sector companies such as IDBI, EXIM Bank, NTPC, NHPC, PFC and REC and has also served as an Independent Director on the Boards of HAL, Tata Global Beverages and L&T.

He has been a member of the Committee on Reform of Public Sector Undertakings, Electricity Distribution and Resources for the Power Sector for the 10th Plan and Restructuring of HAL. He was closely associated with the design of the Jawaharlal Nehru National Solar Mission at the time of its launch.

He has served as the Chairman of (a) PPP Review Committee of the Railways and (b) Expert Committee set up by Government for Replacing Multiple Prior Permissions with a Regulatory Mechanism for improving Ease of Doing Business.

He is the President of the Board of Trustees of the Foundation for MSME Clusters (FMC). He is a member of the Board of Management of JK LakshmiPat University where he is also the Chairman of their Center for Policy Studies.

He has a Masters in Political Science from Allahabad University and a Masters in Economics from Georgetown University, Washington D.C.



Shri Upendra Tripathy
Former Secretary, MNRE

Mr. Upendra Tripathy, recipient of Indian Prime Minister's Award for Excellence in Public Administration, was the former and Founding Director General of International Solar Alliance, the first treaty-based multilateral body to be headquartered in India which made stellar progress during his tenure from 2017 to 2021.

He was also the former Secretary to the Government of India in the Ministry of New and Renewable Energy (2014-2016), who put MNRE in a different orbit with new ideas such as the 1st RE-INVEST, 175 GW of RE by 2022, Association of Renewable Energy Agencies of the States (AREAS, 2015), Training of 57000 Solar Mechanics (Suryamitras), World Solar Museum, World Solar Bank, the Renewable Energy University and made outstanding contribution towards planning and projectization of 175 GW target. He had the privilege to play a unique and important role in the transformation of the RE Sector in India, post 2014, under the dynamic leadership of PM Modi and Minister Piyush Goyal.

In ex-officio capacity, he has headed the Solar Energy Corporation of India (SECI) as Chairperson and transformed SECI from a loss making undertaking to a surplus generating PSU. He was also Chairperson of National Institute of Solar Energy, National Institute of Wind Energy, National Institute of Bio Energy and Association of Renewable Energy Agencies of States (AREAS). He also coordinated and speeded up the implementation of India's Green Energy Corridor with One Billion Euro of loan finance from KfW.

Institution building abilities of Mr Tripathy and his innovations got reflected in the establishment of Hassan Kalamandir (1989), Akshayar Foundation (2001), Environmental Management Policy Research Institute (EMPRI), 2003, turnaround of Bangalore Metropolitan Transport Corporation (BMT), 2003-2008, Institution of Nrupathunga Literary Award in Karnataka (2008), establishment of the Centre for infrastructure, Sustainable Transportation and Urban Planning (CiSTUP), 2009.

Other awards that recognise Mr. Tripathy's abilities, excellence and innovative thinking, are: Extra-Ordinary Citizens' Award from Rotary International-2008, Central Board of Irrigation and Power (CBIP) Award-2016 for outstanding contribution to India's Renewable Energy Sector, 10th Enertia Life Time Achievement Award-2016 and UBM 2016 as Crusader of the Year for Renewable Energy. He was adjudged as One of the 100 Most Influential Actors Globally by the Apolitical.

What helps Mr. Tripathy in being an outstanding administrator of great eminence is his 42 years of diverse experience in and across related sectors - land administration, rural development, agriculture, education, social inclusion, environment, petroleum and natural gas, and transportation. He has worked in global, federal, provincial and local administrations in India apart from spending four years in Carleton University, Ottawa and a stint in the Indian Embassy in Brussels.

Mr Tripathy was the Honorary Principal Adviser (Education) to the Honourable Chief Minister of Odisha, with the rank and status of a Minister of State. He is also an Adjunct Professor at NIAS (National Institute of Advanced Studies) and advises several organizations in matters related to energy, environment and climate justice. He can be reached at utripathy@gmail.com.



Dr Ravi B Grover
Member, Atomic Energy Commission

Ravi Grover is a member of the Atomic Energy Commission, Chairman of the Board of Research in Nuclear Sciences, and Distinguished Professor Emeritus at the Homi Bhabha National Institute (HBNI). He worked in BARC, the secretariat of the Department of Atomic Energy (DAE), and HBNI. His past positions include Director of the Knowledge Management Group, BARC; Director of the Strategic Planning Group, DAE; Principal Advisor, DAE; Director/ Vice-Chancellor, HBNI; DAE Homi Bhabha Chair; and Emeritus Professor, HBNI

He specialised in nuclear reactor thermal hydraulics, process design, and safety analysis. He worked on the design of the research reactor Dhruva and a compact power reactor. He also worked in the areas of technology transfer and extramural funding from DAE. In recent years, he has been working on energy studies with special reference to nuclear energy.

He participated in negotiations with other countries and international agencies, leading to the resumption of international civil nuclear trade. He represented India as the chair of India's delegation to the ITER Council from its beginning in 2006 until March 2025.

He played a significant role in conceptualising and establishing HBNI, and concurrently with other responsibilities, he was its Founder Director/ Vice-Chancellor from 2005 to 2016.

He has received several awards, including the Lifetime Achievement Award for 2011 by DAE. He was conferred with a Padma Shri in 2014. He was President of the Indian Society of Heat and Mass Transfer during 2010-13. He is a fellow of the Indian National Academy of Engineering, the Maharashtra Academy of Sciences, and the World Academy of Art and Science.



Dr. Harbans Lal Bajaj

Chairman, Power Group, IEF, Ex Chairperson, CEA, Ex Officio Secretary to the GoI, and Ex Member, Appellate Tribunal for Electricity

Dr. Bajaj obtained Bachelor & Master's degrees in Electrical Engineering from Punjab Engineering College, Chandigarh and Doctor of Philosophy from University of Technology, Sydney.

Dr. Bajaj is Fellow of many National and International Institutions He is a Life Fellow of Institution of Engineers, the Institute of Electrical and Electronics Engineers, USA, IET, UK, All India Management Association and Fellow of The Indian National Academy of Engineering.

He has been Chairperson of Central Electricity Authority where his overall contribution towards planning and policy interventions accelerated growth of Thermal, Hydro Nuclear and renewable Power. His judicious role as Technical Member (Appellate Tribunal for Electricity) resulted in massive investments.

He has been on the Award Boards of Powerline, India Power, OPB National Awards Committee, Vasvik Award Board and has been a Member of Governing Council of Netaji Subhash Institute of Technology, Delhi

Bajaj has served on various national level committees on Power Sector. He was also a member of Government of India Expert Committee for Power Sector Reforms & for finalizing tariff norms of Atomic Power Stations.

He has been on the Boards of NTPC, NPCIL, PTC INDIA FINANCIAL SERVICES, PTC INDIA Ltd., and on the Advisory Board of Indian Energy Exchange. As Chairperson CEA, he was ex-officio member of the Central Electricity Regulatory Commission and on the Board of Directors of Nuclear Power Corporation. He is recipient of many national and International Awards including the IET(UK) Crompton Medal in 2009 in Power. Bajaj was appointed Technical Member in Appellate Tribunal for Electricity in May 2005 which he served till May 2010.

Prior to joining NTPC, Mr. Bajaj served, Bharat Heavy Electricals Ltd. (BHEL) for 14 years where he led engineering teams for power generation, transmission and distribution projects in India and abroad.

Bajaj commenced his career with Haryana State Electricity Board in 1968 and was instrumental in accelerating rural electrification.



Shri I. S. Jha

Former Member, CERC & Former CMD, PGCIL

Shri I. S. Jha is a distinguished leader in the Indian power sector, with over 43 years of experience spanning power generation, transmission, distribution, system operation, and regulation. He served as Chairman & Managing Director of Powergrid Corporation of India Ltd., where he led transformative growth in India's transmission infrastructure. Later, as Member of the Central Electricity Regulatory Commission (CERC), he played a pivotal role in framing key regulations, including GNA, the Grid Code 2023, and adjudicating critical sectoral disputes. A technocrat with expertise in project management, regulatory frameworks, and stakeholder engagement, Sh. Jha has also been recognized with numerous awards, including Best CEO Awards in Power Sector for three consecutive years by Business Today, the SCOPE Excellence Award, CBIP Award, and the Lifetime Achievement Alumnus Award from NIT Jamshedpur. He holds an honorary doctorate and continues to guide the sector through advisory and institutional roles.



Shri V S Verma

Former Member, CERC & CEA

Shri V.S. Verma has merited a degree in Bachelor of Science from Agra University followed by BE Mechanical (Hons) and ME Mechanical (Hons) in Applied Thermal Sciences from IIT Roorkee. He has also been trained under UNDP, with CEGB, UK and Gilbert Commonwealth of USA.

He started his career in the Central Power Engineering Service (CPES 1971 batch) in Central Electricity Authority (CEA) and was appointed as Member (Planning) in the year 2002. He held the charge of Director General of Bureau of Energy Efficiency (BEE) for Three years and Member (Hydro) in CEA for an year.

In his long standing career of over 52years in the power sector Shri Verma acquired wide and valuable experience in the field of Planning, thermal and Hydro power plant engineering, project monitoring, construction, supervision, operation monitoring, human resource development, grid operations, conservation and efficiency, low carbon growth strategy and other environmental issues.

Shri Verma has been associated extensively in the policy formulation by the Government and specially after the enactment of Electricity Act 2003. Shri Verma had, while in CEA. He was responsible for the 17th electric power survey as a Chairman of the Committee and the 11th plan Planning document as the Member Secretary of the working group appointed by the then Planning Commission. Planning for the power sector was the main responsibility of Shri Verma as Member Planning CEA.

Shri Verma as Member Secretary of the Eastern Regional Electricity Board (New ERPC) was responsible for the coordinated grid operation in the eastern region in the year 1997-98 and dealt with Optimization of Generation and transmission capacities, inter-state and inter-regional exchange of energy, generation scheduling and accounting etc.

He was responsible for operation of the Hotline Training Centre at Bangalore.

As Director General of the Bureau of Energy Efficiency the various initiatives were taken under his leadership to promote energy conservation, standards and labelling programme, energy efficiency in the various sectors of industry in the Country and for promoting CDM mechanism in the power and industrial sector in the Country. Shri Verma headed various Committees set up by the Government including Renewable Resources of Energy, Low Carbon Growth in power sector, adoption of Supercritical Technology in India, the next higher size of thermal generator to be adopted after 200/210 MW, IGCC, Co-generation etc. Shri Verma headed various working Groups on National Action Plan for Climate Change, Task Force of formulation of the action plan for development of energy sector in the North Eastern Region, Expert Committee to study the geo-thermal based power generating potential in the Puga geo-thermal fields of Ladakh, J&K, Working Group of research and development of energy sector for 11th plan. Shri Verma played a lead role in 50,000 MW of hydro power initiative announced by the Hon'ble Prime Minister in 2004. Credit of publication of CO2 Baseline data in the Indian power sector first time in the world goes to him. The setting up of Excellence Enhancement Centre in the Power Sector is his brain wave.

As the Member of the Central Electricity Regulatory Commission (CERC) Shri Verma was involved in his role for fixation of bulk tariff of electricity, making various Regulations including those of Renewable Energy, Renewable Energy Certificate Mechanism, Development of the power markets, grid discipline and interstate flow of power and resolving disputes on various matters pertaining to inter-state flow of power, setting up of operational frequency band standard.

Shri Verma has travelled extensively overseas making professional/official visits to USA, Canada, Europe, UK, Poland, Belgium, Germany, USSR, Vietnam, Kenya, Guyana and Nigeria, zimbabwe, Sri Lanka and Bangladesh. To his credit he has more than 50 technical papers published and presented in the national and international forums.

Shri Verma has also been on Governing Council/Board of Directors of various institutions like CPRI, NPTI, CWet, DVC etc. Shri Verma received Life Time Achievement Award from CBIP and from Rajiv Gandhi Technical University, Bhopal, Leading Energy Personality Award 2014 from Council of Power Utilities, Distinguished Alumni Award of IIT Roorkee. He has been a professor Adjunct for IIT Kanpur, distinguished professor at CPRI, Bangalore, professor adjunct at IIT Kanpur. Shri Verma has been the member of the task force advising Govt of Rajasthan to bring down the distribution losses appointed by the Govt of Rajasthan for five years. Shri Verma Co authored a book namely 'Solar Energy made simple for a sustainable future', Published by Springer Nature Singapore.



Shri Praveen Gupta
Member (Thermal), CEA

Shri Praveen Gupta is presently holding the post of Member (Thermal) and Ex-officio Additional Secretary to the Government of India, Central Electricity Authority. He belongs to the Central Power Engineering Services, 1989 batch. He joined CEA in the year 1990 as Assistant Director. Prior to this he was holding the post of Chief Engineer, Integrated Resource Planning (IRP) Division of CEA where he was handling the work of preparation of National Electricity Plan and Long term & short term power sector planning.

He did his B.E. (Electronic & Communication) from Maulana Azad College & Technology, Bhopal in 1988.

During his 32 years of tenure in Power Sector, he has immensely contributed in the field of energy conservation, Energy Efficiency of coal based power stations, formulation of PAT Scheme, CO2 emission database for Indian power sector, National Electricity Plan, Fuel Management, Rationalisation of coal linkage etc. He was instrumental in publication of pathbreaking report on Optimal Generation Mix for the year 2029-30. Recently, he contributed immensely in formulation of Draft Resource Adequacy Guidelines for Power Sector.

He has the credit of publishing many technical papers in reputed technical journals of National & International repute.

He has visited many countries namely Thailand, Germany, USA, China, Japan in various capacities.



Shri Milind Ganesh Gokhale
Member (Hydro), CEA

Shri Milind Ganesh Gokhale (M.G. Gokhale) is presently holding the post of Member (Hydro) and Ex-officio Additional Secretary to the Government of India, Central Electricity Authority. He was previously holding the post of Executive Director in NHPC Ltd, a schedule "A" Govt. of India Navaratna Enterprise. Shri Gokhale is a graduate in Electrical Engineering from Maulana Azad College of Technology, Bhopal (now known as Maulana Azad National Institute of Technology, Bhopal) and has also done MBA

Shri Gokhale has more than 35 years of experience in the Hydro sector from concept to commissioning. The Water to Wire experience encompasses various stages like Design, Preparation of Technical Specification, Pre & Post award Engineering, Erection, Testing & Commissioning, Operation & Maintenance, Transmission and Commercial aspects. He has more than 15 years of experience in Design, about 12 years' experience in Construction Projects : Electromechanical works, Transmission lines, experience of 5 years in O&M of Power Stations and 3 years in Commercial Division.

His significant achievements are record generation from Salal Power station (1990, 1991) revival of Salal Generating Units after flooding in 1992, Commissioning of additional 220 kV bay, 220/132 kV transformer and 132 kV bay at Tanakpur ahead of schedule in 1998, Commissioning of Kalpong Project in Andaman & Nicobar, 14 months ahead of schedule in 2000, Commissioning of 4 units of Indirasagar Project from January 2004-March, 2004 inspite of inundation of Powerhouse in July 2003 and balance units by March 2005. Unit7 received Prime Ministers National Award for best executed Hydro Project. Erection of Generating Units of TLDP-III and construction of 3 transmission lines of Teesta Low Dam Projects inspite of challenging environment of Gorkha agitation (2007-2012), Successful Engineering of Mangdechhu Project in Bhutan (2013-2015). Preparation of DPR of Renovation and Modernization of Bairasul Project (2014), Erection, Testing and Commissioning of Generating Units of Kishanganga Project (2016-2018) in challenging environment as then existed in Kashmir, Innovative modelling of tariff, timely submission of tariff petitions in Hon'ble CERC 2019, collection of highest revenue by NHPC in single financial year (2020-21), collection of revenue through innovative double discounting scheme in 2021-2022, dewatering of inundated Subansiri Power Station in record time in September 2022, monitoring and speeding up Electromechanical works of Subansiri Project (2023) etc. He had been associated with R&D projects on condition monitoring.

Earlier to joining CEA, Shri Gokhale was on the Board of Directors of Lanco Teesta Hydro Power Ltd, National High Power Test Laboratory Limited and NHPC Renewable Energy Limited. He has visited Brazil, Netherlands, Sweden, UAE besides Nepal & Bhutan. His co-authored technical papers on Commissioning Aspects and Control System of Indira Sagar Project were published in CBIP Water & Power Journal in 2006. Recently his one of the coauthored technical paper has been selected in ICOLD 2024 for oral presentation and another one in Hydro Austria, 2024.



Shri A. Balan

Member (Planning), Central Electricity Authority (CEA)

Shri A. Balan is serving in Government of India as Member (Planning), Central Electricity Authority (CEA), Ministry of Power, since August 2021 and has over 35 years of rich experience in the Indian power sector. He is a graduate in Electrical & Electronics Engineering from the College of Engineering, Guindy, Anna University.

He joined CEA in 1990 and worked in various divisions/wings of the organization at Bangalore, Goa, Mumbai, Chennai, Hyderabad, and New Delhi. He has served as faculty/course-coordinator in Power System Training Institute in the area of computer applications to power systems; as electrical inspector in Regional Inspectorial Organisations; as Member (Power) in Krishna River Management Board; as Member Secretary of Regional Power Committees (Western & Southern).

In CEA, he is currently handling 21st Electric Power Survey of India (electricity demand forecast), National Electricity Plan (Generation), Resource Adequacy plans for the States, and matters related to integration of Renewable Energy.

With his vast experience in power sector, Shri A. Balan continues to contribute actively towards India's energy transition.



Dr Neeraj Sinha

Former Adviser / Joint Secretary, Office of the Principal Scientific Adviser to the GoI, Cabinet Secretariat

After his schooling in Mumbai, Hyderabad and New Delhi, Shri Neeraj Sinha graduated with distinction, in the year 1987, from the Regional Engineering College, Surat, Gujarat, in Mechanical Engineering.

After a brief stint of a few months in the private sector, he joined the Government of India (the Department of Non-conventional Energy Sources – now the Ministry of New and Renewable Energy, MNRE) in the year 1989. After doing extensive field duty in a field Office of the MNRE in Jaipur during April, 1989 to November, 1992, he joined the headquarters of that Ministry in New Delhi.

Amongst the various activities that he handled in the MNRE headquarters during his more than 9-year stint there, prime were: new and up-coming technologies (such as electric vehicles, alternate fuelled vehicles, hydrogen energy and geothermal energy) and biomass-based power generation (including bagasse based co-generation).

He joined the Office of the Principal Scientific Adviser to the Government of India (PSA's Office) in December, 2001 and, after working there for more than 17 years, has joined, in January, 2019, the NITI Aayog.

In the Office of the Principal Scientific Adviser to the Government of India, he had been involved in a wide cross-section of scientific activities. To name a few: Oil Spill Management, Underground Coal Gasification, Bulk Encryption, Explosive Detection, Integrated Gasification Combined Cycle for Coal-based Power Generation,

Night Vision Devices, setting-up of a National Knowledge Network, Multipurpose National Identity Cards, Climate Change, Clean Coal (Carbon) Technologies, National Photonics Initiative, Medical Sterilization, Spurious / Sub-standard Drugs & Diagnostic Centres, Development of the Advanced Ultra Supercritical Technology for coal based power generation and the Development of Advanced Machine Tools.

He has actively contributed to the preparation of the National Action Plan on Climate Change, which was released by the Prime Minister of India on the 30th of June, 2008.

He has a degree of Doctor of Philosophy (Ph.D.) in Materials Science – for the experimental work done by him, in the Indian Institute of Science, Bengaluru, on “III-Nitrides for energy related (Photovoltaic and LED) applications”. He has co-authored more than 32 scientific papers on this subject.

In the Science and Technology Vertical of the NITI Aayog, he had actively contributed, to the continued implementation of the Atal Innovation Mission and has also guided, the preparation of a Mission Document on the indigenous development and deployment of an artificial human heart.

After the successful completion of his 5-year deputation in the NITI Aayog, Dr. Neeraj Sinha had re-joined his Niti Aayog, viz. the Office of the Principal Scientific Adviser to the Government of India, on the 18th of January, 2024. The major tasks being handled by him there were:

- I. Carbon capture, utilization and storage;
- II. Critical minerals and
- III. Advanced Ultra Supercritical (AUSC) technology for thermal power generation using indigenous coal.
- IV. Initiative on Critical and Emerging Technologies: India-US Collaboration in Advanced Materials.

He is a Fellow of the Institution of Engineers (India) and a Life Member of the Administrative Staff College of India, Hyderabad.

He was awarded the medal of the Materials Research Society of India (MRSI) in February, 2018.



Dr. S K Chatterjee
Chief, Regulatory Affairs, CERC

Presently Chief (Regulatory Affairs) with Central Electricity Regulatory Commission (CERC), Dr. Chatterjee has long experience of dealing with power sector reforms, especially, Regulatory Reforms since its inception in 1998.

He is a Fulbright Scholar and has been a post-doctoral research fellow at Harvard Kennedy School, USA. He holds a Ph.D. in Management, MBA in Finance and Masters in Economics.

He has - co-authored “The Electricity Sector in India: Policy and Regulation” (Oxford University Press, 2012); authored “S.K. Chatterjee’s Commentary on the Electricity Laws of India” (Delhi Law House, 2006); published papers on renewable (World Bank 2013; NREL 2016; Energy Policy 2021; The Science 2022; The Electricity Journal 2023); completed research as Principal Investigator (Topic: “Meeting the Renewable Revolution: A Roadmap for Electricity Market Design in India”) at International Growth Centre, London School of Economics, UK (2017); co-authored “Renewable Energy in India: Economics and Market Dynamics” (Sage Publishing, India, 2021).

Public policy has been his passion in professional and academic life. He has demonstrated a leadership role in conceiving, designing, and implementing policy and regulation, especially on renewable and electricity market

design in India. He has played a pioneering role in introducing the Electricity Act, 2003; Renewable Energy Certificate mechanism; Security Constrained Economic Dispatch; Real Time Market; market based Ancillary Services.

He has been / is a part of several Committees constituted by Ministry of Power, CERC, Forum of Regulators, and South Asia Forum for Infrastructure Regulation. He is a regular guest faculty in several institutions in India/abroad. Dr. Chatterjee has been nominated as the first President of Indian Association of Energy Economics.



Shri Samir Saxena
CMD, Grid India

Shri Samir Chandra Saxena (DIN:10712444) is the Chairman and Managing Director of our Company. He is a Fellow of the Institution of Engineers (India), Senior Member IEEE and Distinguished Member CIGRE. He obtained his Bachelor's Degree in Electrical Engineering from Aligarh Muslim University and MBA from Indian Institute of Technology, Delhi and has also completed a Certificate Course in "Regulation of Power Sector" from the Florence School of Regulation, Italy. Prior to assuming the charge of CMD, he was the Director (Market Operation) of the Company. Shri Saxena has about 30 years of experience in diverse areas comprising of Power Market Operations, Power System Operations, Power Exchange Operations, Electricity Market Design, Regulatory Affairs, Integration of Renewables, REC markets design & operations, and SCADA-IT system and has also served as the head of National Load Despatch Centre (NLDC). Shri Saxena has been actively associated with the development of the regulatory framework for integration of Renewables, implementation & development of Ancillary Services, Fast Response Ancillary Services and Market Based Ancillary Services. He was responsible for the implementation of the Real Time Market (RTM) and Integrated Day Ahead Market (including Green Day Ahead Market). He has been associated with the implementation of Security Constrained Economic Dispatch (SCED) at inter-state level in India. He also led a pilot study for intra-state SCED implementation with multiple states. He has led the team for implementation of the National Open Access Registry (NOAR), a one stop portal for administration of the Short Term Electricity Market in India. In 2023, as head of the National Load Despatch Centre, he has led the implementation of Market Based Ancillary Services and the implementation of IEGC 2023. He has also been associated with the capacity building of Power System Operators and the System Operator Certification Programs. He represents India in the CIGRE Study Committee C5 on Electricity Markets and Regulation and has many publications related to his work areas in various national and international journals & conferences. He joined our Board in July, 2024.



Shri Satyanarayan Goel
Chairman and Managing Director, IEX

Mr. Satyanarayan Goel is the Chairman and Managing Director of Indian Energy Exchange. Under his leadership, since 2014, the company has successfully enlarged its portfolio of offerings, and undertaken several digital transformation initiatives, leading to significant growth. He has over 40 years of rich experience in different areas of power sector – power generation, power trading, commercial, regulatory affairs, power market

development and cross border trade. He was also actively involved in various reform initiatives of Govt. of India which includes - Enactment of Electricity Act, 2003, Tariff Based Bidding Guidelines, Tariff Policy, National Electricity Policy, Open Access, etc.

Before joining IEX, he was the Director - Marketing and Operations at PTC India Limited. Prior to it, he was associated with NTPC Limited for 29 years and retired as an Executive Director.

He holds a bachelor's degree in Electrical Engineering from NIT Rourkela and a Master's degree in Business Administration from the Faculty of Management Studies, New Delhi.



Shri S K Soonee
Former Advisor and founder CEO, POSOCO

Four decades of experience covering technical, commercial, managerial, pool governance, regulatory affairs, interconnections, market development, open access, power exchange, power system technology, EMS/SCADA, settlement, Renewable Energy Certificate , Transmission Pricing etc .Actively involved in the VLPGO , Very large power grid operators in the world. Keen interest in C2, C5 and D2 committees of CIGRE, IEEE PES, TSO comparison. Fostering the growth of Power System Operation faculty and building sustainable Institutional mechanism to support the rapidly developing Indian Power sector. Specialties: Power System Operation Power Market Design and Operation Grid Integration of Renewable Energy Regulatory Affairs Entire Gamut of Large Power Pools



Shri Ravindra Kumar
Director (Operations), NTPC

Shri Ravindra Kumar has taken charge as Director (Operations), NTPC on 26th February 2024.

Shri Ravindra Kumar completed B.Sc. (Engineering) in Mechanical engineering from BIT Sindri in 1988. Prior to joining as Director (Operations), NTPC Limited, he was OSD (Officer on Special Duty) to Director (Operations), NTPC Limited.

Shri Ravindra Kumar joined NTPC Limited as Graduate Engineer Trainee officer in 1989 and has more than 34 years of diverse and versatile experience in Commissioning, O&M, Engineering and Project management.

Shri Ravindra Kumar has worked in various capacities in O&M function at NTPC Kahalgaon Project. He has exposure of working at Corporate Centre in Engineering department and as a technical support to Director (Technical).

He was actively involved in development of 1st Maitree supercritical power project of Bangladesh India Friendship Power Company Limited (BIFPCL), Bangladesh. During his tenure as Chief Technical Officer (CTO), he spearheaded all Engineering, erection, commissioning, and O&M activities of 660 MW 1st Unit of BIFPCL.

As Chief Executive Officer (CEO), Patratu Vidyut Utpadan Nigam Limited, he expedited various construction and erection activities.

He is a professional with Corporate and Site experience, people-centric approach, knowledge, and experience of the entire power sector.

He is also Chairman of Bhartiya Rail Bijlee Company Limited, NTPC Tamil Nadu Energy Company Limited, NTPC GE Power Services Private Limited, Jhabua Power Limited, Ratnagiri Gas and Power Private Limited, and NTPC BHEL Power Projects Private Limited. He is also a Director on the Boards of NTPC Mining Limited, NTPC Parmanu Urja Nigam Limited and a foreign entity, Bangladesh-India Friendship Power Company Private Limited.



Shri Pradipta Mishra
Managing Director, Jindal Power Ltd

Mr Pradipta Kumar Mishra is an Electrical Engineer from the University College of Engineering, Burla (now VSSUT), and has also completed executive programmes at Harvard Business School. He brings 39 years of rich and varied experience in the power sector. Before joining Jindal Power, he served as Regional Executive Director (WR-II) at NTPC, where he oversaw five power stations across Chhattisgarh and Madhya Pradesh. He also served as Executive Director for NTPC's Ash New Initiatives business and as a Director on the boards of NTPC Mining Limited and CNUPL.

Over the course of his career, Mr Mishra has held several senior leadership positions within NTPC, including Head of O&M at NTPC Dadri, Head of Station at NTPC Gadarwara, Executive Director (Corporate Fuel Management) and Executive Director at the Unified Spares and Services Centre.

An active sportsman, Mr Mishra enjoys volleyball, basketball, tennis and football. He is also a passionate environmental enthusiast and an avid traveller.



Ms. Sangeeta Kaushik
Executive Director (CP & BD), NTPC

Sangeeta Kaushik is currently serving as Executive Director, heading the Corporate Planning, Business Development, and Consultancy functions at NTPC Limited, India's leading power utility and a Maharatna Enterprise. She also serves as the Chairperson of the Boards of Energy Efficiency Services Limited (EESL) and NTPC Mahapreit Green Energy Limited (NMGEL) and has been nominated as the Executive Director of the World Energy Council – India.

Prior to her present role, she was stationed in Dhaka as the Managing Director of Bangladesh India Friendship Power Company Pvt. Ltd. (BIFPCL), NTPC's first international joint venture.

A Gold Medalist in Electrical Engineering from G.B. Pant University of Agriculture and Technology, Ms. Kaushik also holds an MBA from MDI, Gurgaon. Joining NTPC in 1986 as an Executive Trainee, she has built a distinguished career spanning more than 39 years in the power sector.

Her experience encompasses a wide spectrum of roles, including heading the Technical Services function of Vindhyachal Super Thermal Power Station, India's largest power plant, as well as leading NTPC's Business Development and Consultancy divisions.

Ms. Kaushik brings a rare blend of design engineering expertise, strategic planning acumen, on-ground execution experience, and business leadership, providing her with a holistic perspective of the power industry.

Ms. Kaushik has served as NTPC Nominee Director on the Boards of PTC India Limited, Hindustan Urvarak & Rasayan Limited (HURL), Bangladesh India Friendship Power Company Pvt. Ltd. (BIFPCL), NTPC Renewable Energy Limited, ONGC NTPC Green Private Limited (ONGPL), TELK, and Ratnagiri Gas and Power Private Limited.



Shri Neeraj Verma
ED (NCR), THDCIL

Neeraj Verma is working as Executive Director (I/c) with THDCIL. He is presently entrusted with the development of PSPs and RE Projects in various states across India and heading Corporate Contracts Department, Business Development Department and O&M of all RE Projects of THDCIL. He is 1989 Engineering Graduate in Electronics & Communication and Project Management PG Certificate Course from IIM, Indore. He joined THDCIL in 1990. He has rich experience of more than 35 years from Design to Execution in the field of Large Hydro Projects including 1000 MW Tehri Pumped Storage Plant & RE Projects.

In addition, he has actively contributed for framing of various National energy policies by serving on expert committees under the Ministry of Power and CEA.



Prof R Srikanth

Head (Energy, Environment and Climate Change), NIAS, Bangalore

R. Srikanth is the Dean of the School of Natural Sciences & Engineering, and also heads the Energy, Environment, and Climate Change Program. He graduated from the Indian School of Mines in 1984 and was awarded the ISM Gold Medal. He worked in coal mines for six years before commencing his research at the Pennsylvania State University where he completed a dual Ph.D. in Mining Engineering & Operations Research. He joined NIAS in 2016 after a 20-year long career in industry, primarily in Tata Steel. He is currently involved in several Government-appointed committees related to energy security alongside his other duties as faculty and Dean at NIAS.

Research Interests: Air pollution and public health, energy security, coal and mineral policies, environmental policy and governance, sustainable development, and climate change.



Prof Arun Kumar

Emeritus fellow, Hydro & Renewable Energy Dept., IIT Roorkee

Professor Arun Kumar works for hydropower and pumped storage development, floating solar, environmental management of water bodies, energy economics and policy, civil and hydropower engineering education.

He is Chairman of Hydro Research committee of Ministry of Power, Member of Central Advisory Committee of Central Electricity Regulatory Commission, independent director of KSEBL, state power utility of Kerala and also Vice President of Federation of Indian small hydropower. He is on advisory board of international Long Duration Energy Storage Council and chairman and members of several BIS committees on hydropower and water resources. He established international laboratories for hydraulic turbine model testing R&D and sediment erosion, hydropower simulator and field efficiency.

Prof Kumar has been a board member of International Hydropower Association (2021 – 23), MNRE Chair Professor (2013 – 18), NEEPCO chair professor (2022-24) and served on Board of NHPC Ltd, Govt. of India PSU for hydropower (2015 – 19) as independent director. He served CLA for Hydropower on SRREN for IPCC during 2009-2011. He headed Hydro and Renewable Energy Department, IIT Roorkee from 1998 to 2011.

He also received several awards from CBIP (1991, 2025), IIT Roorkee (2022), Institution of Engineers (2015, 2016), Hydropower Association (2017) etc. Prof. Kumar has over 44 years of experience in the field of hydropower and environmental management of river and lakes.

Prof Kumar is a fellow of ASCE, IHA, IWRS, IWWA and member ASME, IEEE, ICID, AWWA, AWWA India and SESI.



Shri Satish C. Sharma

Former Director (T), THDC India Ltd.

Satish C Sharma is a gold medalist and an Honors Engineering Graduate from Punjabi University, and Fellow of Institution of Engineers. He has extensive in-depth experience of over 45 years (1969–2014) in the field of Hydro Power Development in the country, both in Public Sector (38 Yrs) and in Private Sector (7Yrs).

As President & CEO (Hydro) of Jindal Power Limited, he spear-headed the 5600 MW Hydro Power initiatives of the Group for over three years (March 2011–July 2014). He was also President (Hydro) in KSK Energy Ventures Limited (June 2007 –Feb. 2011) leading the hydro initiatives of KSK Group in Arunachal Pradesh.

Satish C. Sharma was the Director (Technical) till May 2007 on the Board of Tehri Hydro Development Corporation Limited (THDC), where he steered the 2400 MW Tehri Hydro Power Complex. He was instrumental in the implementing 1000MW Tehri Dam Project (Asia's Highest Dam) in the state of Uttarakhand from concept to commissioning. He also spearheaded the finalization of the technical specification for the 1000 MW Tehri Pump Storage Plant (having variable speed machines being implemented for the first time in the country) which is in its advanced stage of commissioning.

He has also served as Executive Director (Hydro), NTPC Ltd. for almost 2 years and held the position of CEO NTPC Hydro Ltd. for the hydro business development.

He has also successfully held various positions in Hydro Project implementation in Bharat Heavy Electrical Limited (BHEL) for 20 years (1969–89), where he was involved in construction, project management and commissioning of several prestigious Hydro Power Stations.

His experience encompasses the entire life cycle of a project from concept to commissioning. He had the privilege of leading all facets of project development including planning and investigation, design & engineering, contracts & materials management, construction & project management, including commercial operations of Hydro Power Plants.

Mr. Sharma has been contributing technical papers / articles in the field of Hydro Power in various International and National conferences/symposia. He has widely travelled across the world and has negotiated with international consultants in Russia, Ukraine, Switzerland, France, UK, Malaysia, Thailand and Brazil for conventional & Pumped Storage Hydro Power development.

He is a recipient of the prestigious 'Excellence Award 2012' in Renewable Energy conferred during the "World Renewable Technology Congress" in April 2012 under the aegis of 'Energy and Environment Foundation' in recognition of his outstanding contribution in Hydro Power Sector. He has also been conferred 'Hydro Vibhushan – Hydropower Persona of the Decade' award in September 2014 by 'Hydropower Forum of India under the aegis of EnerTia Foundation and REPA' in recognition of 4 decades (+) of Yeoman Contribution in the field of hydro power development in the country.



Dr Alok Mishra

Director India Offers and Country Director Westinghouse India

Dr. Alok Mishra holds a B.Tech in Chemical Engineering, Masters in Energy Systems Engineering and a PhD from IIT Bombay. He also holds an MBA with specialization in finance from University of Mumbai. He was a UNENE (University Network of Excellence in Nuclear Engineering) post-doctoral fellow at the Institute for Risk Research, University of Waterloo, Canada and was a recipient of IAEA fellowship for advanced training at Argonne National Laboratory Chicago, USA.

Alok has over 30 years of experience in the nuclear industry globally. He started his career as a trainee scientific officer with the Department of Atomic Energy in 1989. For the last 15 years he is working with Westinghouse. Alok is responsible for licensing and development of the techno commercial offer in supporting the Westinghouse AP1000 project in India, SMR-AP300, e-Vince Advance Micro Reactor, Long Duration Energy Storage System (LDES) and the development of India supply chain. Before joining Westinghouse, he was working in USA as a principal consultant for consulting firms for the new build nuclear power plants safety analyses and licensing. He also worked as a consultant to the Canadian Nuclear Safety Commission for their Aging PRA studies and the OPG for its technology evaluations for the LWRs. During his early years at NPCIL, he was involved in KAPS-2 and NAPS-2 commissioning, he had played a key role in resolution of safety issues in Indian NPPs (PHWRs/BWRs) raised by AERB and was a member secretary for the task force for root cause and direct cause analysis of safety related unusual occurrences in the Indian NPPs. He played a pivotal role in Kudankulam-1&2 licensing and was associated with Kurchatov and OKB Hidropress Institute at Moscow.



Shri Nitin Sabikhi

Sr Vice President, ReNew

With a career spanning nearly two decades in the energy sector, his expertise encompasses a diverse range, including Energy Policy, Power System Modelling, Renewables, Hydro, Electricity Markets, Business Development, M&A, Strategy, and P&L management. Presently holding the position of Senior Vice President at ReNew, he serves as the Head of Energy Market, Portfolio Planning, System Modeling, Energy Scheduling, and the Hydro Business.

He was also the founding team member of India's premier electricity exchange, IEX. His earlier roles at Tata Power and CRM Services have been instrumental in his professional journey.

Academically well-grounded, he holds an IT degree and PGDBM (Marketing) from Symbiosis, Pune, complemented by an MBA (Power Management) from UPES, Dehradun. He was recognized and awarded as one of "India's 40 Most Promising Young Business Leaders in the Solar Industry" by Firstview in 2019 and the bestowed 'Young Achiever of The Year' by Solar Quarte for his unwavering commitment to excellence.

Beyond professional accolades, his multifaceted engagement within the industry is noteworthy. A prolific writer contributing significantly to energy sector publications and a distinguished speaker in over 300 national and

international energy events, he has solidified his position as a thought leader and influencer. Simultaneously, as a visiting faculty at esteemed institutions such as Delhi University, IIT-Delhi, IIT-Kanpur, MDI-Gurgaon, NPTI-Faridabad, PMI-Noida, UPES-Dehradun, and Great Lakes-Gurgaon, his active involvement is shaping the intellectual landscape of future industry leaders. With an unwavering commitment to excellence and a profound aspiration to contribute towards a sustainable and prosperous future for the energy industry, he aims to spearhead transformative changes and lead the sector into a new era of innovation and sustainability.



Shri Rakesh Jha
Partner, BDO India

Rakesh Jha is a Partner in Sustainability and ESG at BDO India, with over 25 years of extensive experience in the power and utilities sector. His expertise spans renewable energy, power markets, distribution utilities, and regulatory affairs. Rakesh has worked closely with electricity regulators, private players, and non-governmental organizations, providing strategic insights on finance, regulatory, and technical aspects of energy transition and efficiency. His in-depth knowledge of the power sector has been instrumental in shaping policies and innovative market-driven models for technology integration and service interventions in developing markets.

Throughout his career, Rakesh has been at the forefront of the energy transition, providing bid advisory support to utilities and bidders, formulated energy strategy for DFIs and banks, entrepreneurs in renewable energy sector. He has played a pivotal role in the decarbonization of the power sector, working on projects that range from setting up solar parks to developing comprehensive strategies for utilities. His expertise extends to rural electrification, distributed renewable energy, and energy access initiatives, where he has authored handbooks and training manuals that have been widely used in the industry.

Rakesh's impact in the power and utilities sector is further exemplified by his work with international organizations and his contributions to policy formulation. He has assisted banks and financial institutions in developing project assessment frameworks and environmental and social due diligence (ESDD) protocols specific to the energy sector. His experience spans over 20 countries, working on mandates funded by major international development agencies. Rakesh has also been instrumental in capacity building, having trained more than 500 government utility officials and finance professionals in various aspects of power systems and sustainable energy practices.



Shri SM Mahajan
Former ED, BHEL, SG, IEF

Mechanical Engineer from DCE 70 Batch, M.Tech in Management & Systems from IIT, Delhi, Served in BHEL for 39 years in various capacities, functions and units before superannuating as Executive Director. Handled Manufacturing Technology Up-gradation, Investment Planning, Modernization of manufacturing facilities in BHEL units, Material management & operation management, manufacturing of nuclear power equipment in BHEL.

Post BHEL, engaged with the manufacturing industry guiding them in business development and manufacturing capabilities- in fabrication industry for Power, infrastructure and Aviation sectors. Has served as an Industry Expert with two banks for evaluation of Bank Investments and due diligence.

Associated with Ministry of Electronics and IT as Expert in evaluation and recommendation of R&D proposals in area of Electronic System Development for different sectors. Have guided several projects for successfully completion.

Associated with many professional Associations. President of Asian Welding Federation and Former President of Indian Welding Society.

Currently Consultant with an Aviation Sector Manufacturing Company and a Dubai based company in Renewable Energy: Convenor, Nuclear Energy Group of India Energy Forum.



Shri V Shrinivas Rao
GM, BHEL

V Shrinivas Rao is a Mechanical Engineer with an educational background from REC, Bhopal and IIT Kanpur. He has around 33 years of experience in the field of Hydro Power Product in BHEL and has been working in the field of Hydraulic design of turbines, high capacity pumps, pump-turbines, Numerical simulation using CFD, Hdraulic transient studies, design and manufacturing of Hydro sets. He has authored many technical papers in National/International conferences and a member of various National Committees IN RELEVANT AREAS AND HOLDS 6 patents in the field of Hydro.



Shri Sanjay Bansal
GM, BHEL

Mr. Sanjay Bansal, 57, has over 32 yrs. experience in Product Design, Engineering & development of large rating TG sets upto 800MW rating, specialising in Turbine Module development. He has undergone training by M/s Siemens AG works at Newcastle upon Tyne, UK and Mulheim, Germany in designs of large rating steam turbines for thermal power plants. And is actively involved in cross-functional taskforces and contributed technical papers in national forums & journals as well as filed over 60 Design IPRs. Successfully executed several assignments using state-of-the-art 3D design tools in the development of new products.

He was responsible for product designs of Large Rating Steam Turbines, Turbo-Generators, Condensers, Control & Instrumentation, Insulation Engg., New Business Development Initiatives and Technical Collaborations with Siemens Germany & GE, France as Head of Engineering Center at BHEL Haridwar. He successfully lead designs of 600MW compact subcritical steam turbine, 350 MW lower rating supercritical turbine, 660MW & 800MW Ultra-supercritical (USC) Turbine-Generator (TG) sets, assimilation of GE technology for design of 700MW Nuclear TG sets, EE R&M of 200MW Russian design TG sets and indigenous R&D of 800MW Advanced-USC TG sets. Presently, he is responsible for Innovation Strategy and Execution as General Manager, Corporate Technology Management at BHEL Corporate Office, New Delhi.



घरों, उद्योगों एवं अर्थव्यवस्थाओं के लिए स्वच्छ,
विश्वसनीय एवं स्थाई ऊर्जा प्रदान करने में अग्रणी

एक सतत् एवं समावेशी भविष्य के लिए हमसे जुड़ें।
आइए मिलकर प्राकृतिक ऊर्जा को अपनाएं, नवाचार को आगे बढ़ाएं
और एक उज्वल, हरित भविष्य का निर्माण करें।

पंजीकृत कार्यालय : एसजेवीएन लिमिटेड, शक्ति सदन,
कारपोरेट मुख्यालय, शानान, शिमला-171006, हिमाचल प्रदेश
समन्वय कार्यालय : ऑफिस ब्लॉक, टॉवर-1, 6वीं मंजिल,
एनबीसीसी कॉम्प्लेक्स, ईस्ट किडवर्ड नगर, नई दिल्ली-110023 (भारत)

एसजेवीएन लिमिटेड
SJVN LIMITED

(भारत सरकार एवं हिमाचल प्रदेश सरकार का संयुक्त उपक्रम)

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India Energy Forum

India Energy Forum is a unique, independent, non-profit research organization and represents energy sector as a whole. It was set up in February 2001 and formally inaugurated in January 2002. The mission of IEF is to help evolve a National Energy Policy aimed at development of a sustainable and competitive energy sector in India. It is, probably, the only organization which championed the cause of TOTAL ENERGY – all forms of energy ranging from Coal, Power – Thermal & Hydro, Oil & Gas, Nuclear and Renewable from the beginning of its function. This feature of its functioning gave a distinctive advantage of taking an integrated look on the energy scene. In fact, IEF did frame an Energy Policy document which became an input to the Planning Commission's Integrated Energy Policy brought out in August 2006. Its membership includes all the key players of the energy sector both from private and public and over 140 highly respected energy experts.

The Forum has an MOU with International Solar Alliance to promote the development solar power projects not only in India but throughout the world.

Every year it organizes its flagship events viz, India Power Forum, Oil and Gas Conference, Renewable Energy Summit, Coal Summit/Roundtable Conference on Coal and Nuclear Energy Conclave besides webinars which are organized almost every month.

It also organises “India Energy Debate” - a new monthly discussion to debate the critical issues of India's energy sector.

It publishes a monthly e-journal TOTAL ENERGY which provides authentic information on the whole energy sector at one source. It also brings out DAILY ENERGY NEWS REPORT.

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