BHARAT ELECTRICITY SUMMIT 2026

POWERING A CLEAN FUTURE

UNDER THE PATRONAGE OF

GOVERNMENT OF INDIA
MINISTRY OF POWER

सत्यमेव जयते

**19–22 March 2026**
Yashobhoomi, Dwarka,
New Delhi, India

ELECTRIFYING GROWTH. EMPOWERING SUSTAINABILITY. CONNECTING GLOBALLY.

# STRATEGIC CONFERENCE BROCHURE

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# CONFERENCES OVERVIEW

POWERING PROGRESS THROUGH KNOWLEDGE AND COLLABORATION.

Bharat Electricity Summit accelerates India's power sector evolution by convening global industry experts, regulators, policymakers and innovators to champion breakthroughs in power generation and distribution, grid upgrades and modernisation, as well as renewable scaling and storage ecosystems, Bharat Electricity Summit will forge new pathways to a robust and equitable energy landscape.

High-level discussions, expert forums, C-suite roundtables and immersive workshops deliver frontier insights across power value chain fuelling progress through knowledge exchange and enabling the strategic alliances crucial for a sustainable, accessible and reliable energy future.

**1,000+**
Conference Delegates

**300+**
Conference Speakers

**50+**
Conference Sessions

# STRATEGIC CONFERENCE OVERVIEW

The Bharat Electricity Summit 2026 Strategic Conference will focus on nine core themes, each representing a central strategic pillar of the electrification and digitalisation of future power systems. These themes reflect the most advanced and innovative strategic pathways from across the globe and will provide a comprehensive, tailored framework to guide policymakers and industry leaders in delivering smart, resilient and inclusive electricity grids at scale for India.

## THEMES IN FOCUS

### POWERING AN INTERCONNECTED WORLD

International cooperation on electrification, including shared infrastructure, harmonised standards and joint investments to technology transfer and coordinated initiatives to overcome grid interconnection challenges, is crucial for accelerating clean energy progress. This includes building flexible national and cross-border networks, intercontinental power connections and High Voltage Direct Current (HVDC) links, fostering collaborative partnerships that advance clean, secure and inclusive electricity for all.

### POWERING INDIA'S ENERGY LEADERSHIP

India has positioned itself at the forefront of international energy security and sustainable transformation through world-leading achievements in expanding resilient and clean electricity capacity, scaling commercial development of low-carbon alternatives, and emerging as an exporting powerhouse within global electricity supply chains. India's growing role in driving global electrification initiatives and markets, alongside its leadership in facilitating international cooperation, is advancing sustainable, affordable, and accessible power supply worldwide.

### POWERING ELECTRIFICATION'S SUPPLY CHAIN EVOLUTION

To ensure seamless, stable and synchronised power flow while closing supply-demand gaps, managing risk and eliminating project delays, all elements of the electrification supply chain must evolve and collaborate. This includes driving electricity infrastructure, supply and consumption growth, from sourcing commodities and raw materials, to facilitating the design, manufacturing, distribution, installation and maintenance of critical technologies and equipment.

### POWERING EASE OF DOING BUSINESS

To encourage investment, enhance market competition and attract international partners, governments and policymakers need to facilitate the ease of doing business - developing transparent policy frameworks, supportive new regulations and clear incentives to engage public and private stakeholders, regional administrations and international partners in cooperation on clean energy development, coordinated supply chain security and infrastructure growth initiatives.


## POWERING A CLEAN AND ABUNDANT ENERGY FUTURE

As India and the Global South experience rapid urbanisation, industrialisation and rising electricity demand amid geopolitical and supply chain instability, securing resilient, affordable and accessible power must be balanced with sustainability imperatives. This requires pragmatic strategies to diversify and scale the clean energy mix, including renewables, green hydrogen and nuclear power, while investing in advanced technologies and storage solutions.

## POWERING ADVANCED TECHNOLOGY INNOVATION

Developing scaling and integrating clean energy, AI and digital transformation, advanced hardware and software technologies and next generation storage solutions is essential for creating future-ready smart grid infrastructures and low-carbon pathways for robust and affordable electricity. This enables smart, scalable electrification, while advancing Make in India's increasing global leadership in R&D excellence, technology innovation and thriving startup ecosystems.

## POWERING INCLUSIVE ENERGY ACCESS

Closing the energy access gap across the developing world must rank alongside sustainability as a central objective for global energy transformation. Electrification has the long-term potential to deliver affordability, accessibility and inclusivity in a consumer-centred energy future by electrifying progress, unlocking economic potential and improving the quality of life for millions across urban centres and remote rural consumption hubs.

## POWERING ELECTRICITY'S FUTURE WORKFORCE

To support the transformation, digital enhancement and massive growth of power grids and supply chains will require a new type of workforce with diverse multidisciplinary technical knowledge, soft skills and digital expertise to design, implement and operate complex new infrastructures while navigating a new era of AI, mechanisation and robotics all to meet the rapidly increasing demand for a future-ready, re-skilled and up-skilled energy workforce, from power engineers and technicians to operators, data analysts, project managers and contractors.

## POWERING FINANCE AND INVESTMENT

The next transformative decade of India's power sector alone represents a potential trillion-dollar investment landscape of opportunity, channeling government financing, attracting and de-risking Foreign Direct Investment and building strategic partnerships to capitalise on a revolutionary era of expanding electricity capacity, generation and consumption.

# STRATEGIC CONFERENCE AT A GLANCE

## DAY 1 - THURSDAY, 19 MARCH 2026

| | |
|---|---|
| 14:00 - 14:50 | Powering Viksit Bharat through global partnerships: accelerating India's electrification leadership |
| 14:50 - 15:40 | Meeting the electricity needs of the Global South: key catalysts for cross-border collaboration, investment and innovation |
| 15:40 - 16:30 | A resilient global energy mix: strengthening reliability, affordability and clean growth |
| 16:30 - 17:20 | India's power sector roadmap to 2047: translating national vision into a resilient, integrated and future-ready electricity system |
| 17:20 - 18:10 | Digital energy stack: building a secure and interoperable backbone for the modern grid |

## DAY 2 - FRIDAY, 20 MARCH 2026

| | |
|---|---|
| 10:00 - 10:50 | Hydrogen, ammonia and green molecules: building competitive industrial value chains for India and the world |
| 10:50 - 11:40 | AI for power and power for AI: revolutionising performance, upgrading distribution and elevating grid intelligence |
| 11:40 - 12:30 | Nuclear power for energy security: delivering scalable and reliable clean power |
| 12:30 - 13:30 | Unified power for a new India: aligning centre–state strategies for energy transition and acceleration |
| 14:30 - 15:20 | Electrification at scale: power trading systems and growth trajectories for low carbon future |
| 15:20 - 16:10 | Financing global power transition: converting ambition into bankable projects |
| 16:10 - 17:00 | Energy storage revolution: scaling to enable 500+GW renewable power systems |
| 17:00 - 18:00 | India's global clean-energy supply moment: transforming 'Make in India' into 'Make for the World' |

## DAY 3 - SATURDAY, 21 MARCH 2026

| | |
|---|---|
| 10:00 - 10:50 | OSOWOG market mechanisms for high-RE integration and global energy integration |
| 10:50 - 11:40 | Next-generation transmission infrastructure and operations: real-time optimisation, automation and system-strength management |
| 11:40 - 12:30 | Re-engineering transmission delivery: RoW innovation and infrastructure execution |
| 12:30 - 13:20 | Pumped hydro renaissance: unlocking long duration storage for renewable dominance |
| 14:30 - 15:20 | Building intelligent grid systems: from smart metering and ADMS–DERMS platforms, to next-generation TSO–DSO coordination |
| 15:20 - 16:10 | Powering the digital economy: clean energy for data centres and emerging digital infrastructure |
| 16:10 - 17:00 | Scaling alternative fuel in India's power mix: unlocking flexibility and economic potential |
| 17:00 - 17:50 | Hydropower reimagined: advancing innovation and resilience for India's future clean energy system |

## DAY 4 - SUNDAY, 22 MARCH 2026

| | |
|---|---|
| 10:00 - 10:50 | Workforce of the future: skill development for advanced power systems, AI and data-driven utilities |
| 10:50 - 11:40 | Beyond decarbonisation: circular energy systems integrating energy efficiency, resource circularity and carbon trading markets |
| 11:40 - 12:30 | Coal gasification and clean thermal technologies: empowering communities in a transforming economy |
| 12:30 - 13:20 | Power ecosystem co-innovation: Utility–Start-up collaboration at national and global scale |

## BOOK YOUR DELEGATE PASS

Join the dialogue shaping tomorrow's electricity landscape, bringing together global leaders, technology innovators and decision-makers.

www.bharatelectricitysummit.com

# A SELECTION OF CONFIRMED SPEAKERS

**Shri. Manohar Lal**
Minister of Power and Housing and Urban Affairs
**Government of India**

**Hon. Shripad Yesso Naik**
Minister of State for Power and New and Renewable Energy
**Government of India**

**Shri Pankaj Agarwal**
Secretary, Ministry of Power
**Government of India**

**H.E. Shri Kumara Jayakody**
Minister of Energy
**Sri Lanka**

**H.E. Lyonpo Gem Tshering**
Minister of Energy and Natural Resources
**Bhutan**

**Hon. Dr. Jean Mathanga**
Minister of Energy and Mining
**Republic of Malawi**

**Dr. D Saibaba**
Additional Secretary, Ministry of Power
**Government of India**

**Dr. R K Tyagi**
Chairman and MD
**Power Grid Corporation of India Limited (POWERGRID)**

**Shri. Gurdeep Singh**
Chairman and MD
**NTPC Limited**

**Parminder Chopra**
Chairman and MD
**Power Finance Corporation Limited (PFC)**

**Shri. Jitendra Srivastava**
Chairman and MD
**Rural Electrification Corporation Limited (REC)**

**Shri. Ghanshyam Prasad**
Chairperson
**Central Electricity Authority (CEA)**

**Shri. Bhupender Gupta**
Chairman and MD
**SJVN Limited**

**Shri. Krushna Chandra Panigrahy**
DG
**Bureau of Energy Efficiency**

**Gauri Singh**
Deputy DG
**IRENA**

**Dr. Ram Sewak Sharma**
Chairperson
**India Energy Stack, Ministry of Power**

**Shri. Abhay Bakre**
Mission Director
**Green Hydrogen Mission, Ministry of New and Renewable Energy (MNRE)**

**Shri. Manoj Kumar Singh, IAS**
Chairman and MD
**PBihar State Power Holding Company Limited (BSPHCL)**

**Dr. Vibha Dhawan**
DG
**The Energy and Resources Institute**

**Damitha Kumarasinghe**
DG
**Public Utilities Commission of Sri Lanka (PUCSL)**

**Sonam Tobjey**
CEO
**Bhutan Power Corporation**

**Hitendra Dev Shakya**
MD
**Nepal Electricity Authority**

**Guilherme Mendonca**
CEO and MD
**Siemens Energy India Limited**

# A SELECTION OF CONFIRMED SPEAKERS

**B.C. Tripathi**
Vice Chairman
**AM Green Ammonia**

**Guirec Servan**
CEO
**EDF Power Solutions India Private Limited**

**N Venu**
MD and CEO, India and South Asia, Hitachi Energy and MD
**Hitachi India**

**Gerhald Salge**
Global CTO
**Hitachi Energy**

**Shri. M G Gokhale**
Member, Hydro
**Central Electricity Authority (CEA)**

**Shri. K. Shanmugha Sundaram**
Chairman, ASHVINI, Director, Projects
**NTPC**

**Shri. Suprakash Adhikari**
Director, Technical
**NHPC**

**Sangeet Jain**
MD
**Lanzatech**

**Alok Kumar**
DG
**All India Discoms Association (AIDA)**

**Sandeep Zanzaria**
CEO
**GE Vernova T&D India Limited**

**Dr. Katan Hirachand**
Chief Executive and Chief Country Officer
**Societe Generale Bank**

**Dr. Kalirajan S**
MD
**EDF Nuclear Projects India Limited**

**Akilur Rahman**
CTO, India and Market Innovation Lead, South Asia
**Hitachi Energy**

**Eng. Kipkemoi Kibias**
Ag. MD and CEO
**Kenya Electricity Transmission Company Limited**

**Pankaj Agarwal**
Founder and CEO
**Panitek Green Ventures**

**Chris Fitzgerald**
Group Director for International Affairs
**Octopus Energy Group**

**Shri. Shivam Srivastava**
Director, Fuel
**NTPC Limited**

**Prof. Ashok Jhunjhunwala**
Chairman, ImmersiveTechnology and Entrepreneurship Labs, and Institute Professor, IIT Madras
**Immersive Technology and Entrepreneurship Labs (ITEL)**

**Dr. Enrique Cifres**
Hon. VP
**International Commission on Large Dams (ICOLD)**

**Sarit Maheswari**
CEO
**NTPC Green Energy Limited (NGEL)**

**Shailendra Shukla**
MD, Mobility Group, India
**Eaton Industrial Systems**

**CY Chung**
President
**IEEE Power and Energy Society**

**Shri. Burra Vamsi Rama Mohan**
Director, Projects
**Power Grid Corporation of India Limited (POWERGRID)**

**Shri. Ravisankar Ganesan**
Director, Finance
**Power Grid Corporation of India Limited (POWERGRID)**

**Shri. Naveen Srivastava**
Director, Operations
**Power Grid Corporation of India Limited (POWERGRID)**

# A SELECTION OF CONFIRMED SPEAKERS

**Dr. Yatindra Dwivedi**
Director, Personnel
**Power Grid Corporation of India Limited (POWERGRID)**

**Simon Evans**
Director, Global Digital Energy Leader
**Arup**

**Harish Saran**
MD
**Hindustan Power Exchange**

**Michel Augonnet**
Former President
**CIGRE**

**Shri. Anil Kumar Jadli**
Director, HR
**NTPC**

**Pratyush Thakur**
Investment Director and Country Head
**Blueleaf Energy**

**Abhishek Ranjan**
CEO
**BSES Rajdhani Power Limited**

**Abhijit R. Abhyankar**
NTPC Chair Professor, Electrical Engineering Department
**IIT, Delhi**

**Anil Rawal**
CEO and MD
**Intellismart Infrastructure Private Limited**

**Dr. Puneet Chitkara**
SVP, Strategy
**India Energy Exchange**

**Atul Choudhari**
CTO
**Tata Consulting Engineers Limited**

**Satyendra Nath Kalita**
Director, Regulatory Affairs
**All India Discoms Association**

**Dr. Lawrence Jones**
Co-Founder and President
**Energy Plexus Institute**

**Rajiv Ranjan Mishra**
MD
**Apraava Energy**

**Gaurav Makhija**
VP, Switchgear and EPD
**CG Power and Industrial Solutions Limited**

**Shubhra Thakur**
Director, Policy and Markets, APAC and Country Director, India
**Long Duration Energy Storage Council**

**Neha Aggarwal**
MD
**Arunachal Pradesh Power Corporation Private Limited (APPCPL)**

**Venkat Mynam**
Senior Engineering Director
**Schweitzer Engineering Laboratories, Inc.**

**Rahul Lamba**
Co-Founder
**The Energy Company (TEC)**

**Ashutosh Goel**
MD
**Allied Engineering Works Private Limited**

**Madan Mohan Chakraborty**
MD and CEO
**GridCrest Technologies Private Limited, Kaynes Group**

**Marco Montefiori**
Co-Founder, Chair and Chief Growth Officer
**Energy Plexus Institute**

**Mike Singh**
Chairman
**TC Energy and ICT Group**

**Pankaj Chadha**
Chairman
**EEPC**

**Ankur Vashishta**
Head, Pumped Storage Projects
**JSW Energy**

# A SELECTION OF CONFIRMED SPEAKERS

**Nitin Gupta**
Co-Founder and CEO
**Attero**

**Dr. Vishal Mittal**
Founder and CEO
**Delectrik Systems Private Limited**

**Shri. VK Singh**
Member, Power System
**Central Electricity Authority (CEA)**

**Neelashi Shukla**
Head of Cleantech Equity Investments
**Stride Ventures**

**Rajinder Singh Ahuja**
CEO Power
**Vedanta Limited**

**Dr. Sanjay Kumar**
Chief Policy Advisor
**Climate Parliament**

**Arun Goyal**
Former Member, CERC
**Former Secretary, Government of India**

**Mikiko Tanaka**
Head, Subregional Office of South and Southwest Asia
**Economic and Social Commission for Asia and the Pacific (ESCAP)**

**Dr. R K Shrivastava**
Environmental and Social Consultant, India and Central Asia
**World Bank**

**Arun Kumar**
Professor
**IIT Roorkee**

**Dr. Satish Kumar**
President and Executive Director
**Alliance for an Energy Efficient Economy (AEEE)**

**Amit Bhatt**
MD, India
**International Council on Clean Transportation**

**Reji Kumar Pillai**
Chairman
**India Smart Grid Forum (ISGF)**

**Anish De**
Global Head, Energy, Natural Resources and Chemicals (ENRC)
**KPMG**

**Neville Dumasia**
Partner and Leader, Industrials and Energy
**EY India**

**Gaurav Gulati**
Partner
**Kearney**

**Dr. Marko Lackovic**
MD and Senior Partner
**BCG**

**Abhishek Shah**
Partner, Renewables and Energy Storage
**KPMG**

**Marius Mordal Bakke**
VP, Head of Solar and Storage Research
**Rystad Energy**

**Ashim Sharma**
Senior Partner and Business Unit Head
**NRI (Nomura Research Institute) Consulting and Solutions**

**Kapil Bansal**
Partner and Energy Transition Co-Lead
**EY India**

**Saurabh Gupta**
Partner, Smart Grids and Regulations
**KPMG**

**Vinay Raghunath**
Business Transformation Leader
**EY India**

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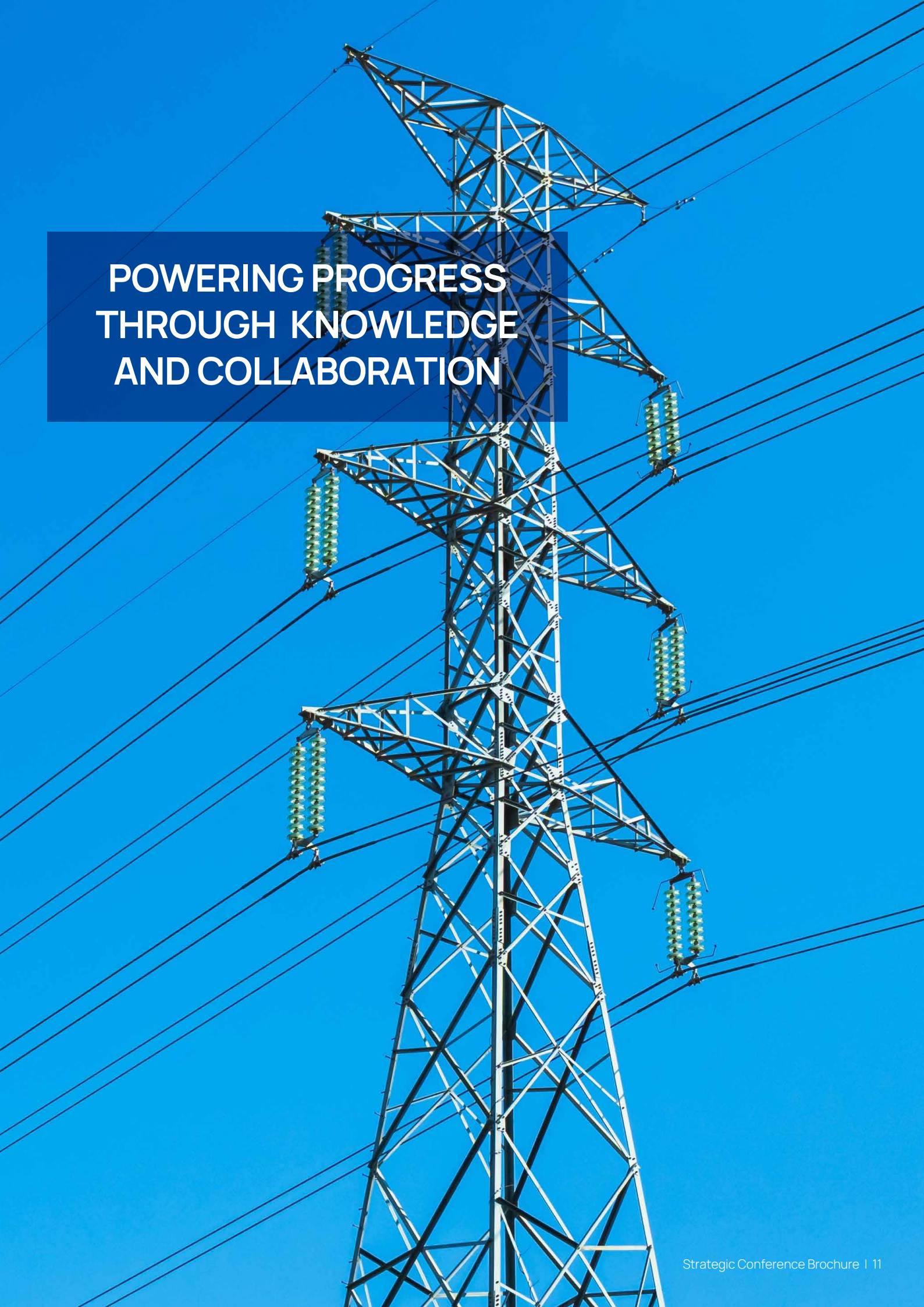
Business Transformation Leader
**EY India**



# POWERING PROGRESS THROUGH KNOWLEDGE AND COLLABORATION

# STRATEGIC CONFERENCE AGENDA

## DAY 1 - THURSDAY, 19 MARCH 2026

| | |
|---|---|
| **14:00 - 14:50** | Powering Viksit Bharat through global partnerships: accelerating India's electrification leadership |

**MINISTERIAL PANEL**

**STRATEGIC THEMES**

POWERING AN INTERCONNECTED WORLD | POWERING INDIA'S ENERGY LEADERSHIP

India's rise as one of the world's most important electricity markets is reshaping global energy diplomacy. As nations seek reliable growth engines and trusted partners for clean-power investment, India's electrification journey offers a compelling model – large-scale renewable deployment, modern grids, digital innovation and inclusive energy access. With global demand shifting toward secure, diversified power systems, deeper cooperation between India and major economies is becoming central to future energy stability. Strategic partnerships on technology, finance, standards and supply chains will determine how quickly the world can scale clean, affordable electricity. At this pivotal moment, India's leadership is strengthening confidence across international markets and positioning the country as a co-architect of global energy transformation.

**Attendee Insights:**
Understand how major economies view India's electrification roadmap and where new alliances, investment flows and joint technology opportunities are accelerating global power-sector cooperation.

**PANELLISTS**

**Shri. Manohar Lal**
Minister of Power and Housing and Urban Affairs
**Government of India**

# STRATEGIC CONFERENCE AGENDA

## DAY 1 - THURSDAY, 19 MARCH 2026

| | |
|---|---|
| **14:50 - 15:40** | Meeting the electricity needs of the Global South: key catalysts for cross-border collaboration, investment and innovation |

**MINISTERIAL PANEL**

**STRATEGIC THEMES**

POWERING AN INTERCONNECTED WORLD | POWERING INDIA'S ENERGY LEADERSHIP

World energy demand is soaring, with up to 85% of near-term additional electricity requirement to come from developing economies (IEA), for which affordability, accessibility and sustainability are key factors. The Global South is home to two-thirds of the world's population but currently controls under 20% of global power generation capacity. Collectively, the region has enormous scope for indigenous clean energy deployment and rapid infrastructure transformation, if advantageous conditions can be created to de-risk and attract international capital flow. Finding the right balance between electricity demand from soaring consumer markets, clean power generation and rapid electrification will also require unprecedented South-South collaboration from cross-border policy frameworks, strategic incentives and regional investment through to large-scale, AI-ready grid infrastructure and power trading initiatives.

**Attendee Insights:**
As India continues to evolve as a leading voice and credible role model for coordinated, inclusive and resilient energy development across the Global South, explore how multi-lateral engagement, partnerships and knowledge sharing can attract capital, encourage clean energy proliferation, and close the demand and access gap.

**PANELLISTS**

**H.E. Shri Kumara Jayakody**
Minister of Energy
**Sri Lanka**

**H.E. Lyonpo Gem Tshering**
Minister of Energy and Natural Resources
**Bhutan**

**Hon. Dr. Jean Mathanga**
Minister of Energy and Mining
**Republic of Malawi**

# DAY 1 - THURSDAY, 19 MARCH 2026

**15:40 - 16:30** | A resilient global energy mix: strengthening reliability, affordability and clean growth

**LEADERSHIP PANEL**

**STRATEGIC THEMES**

POWERING ELECTRIFICATION'S SUPPLY CHAIN EVOLUTION.
POWERING INDIA'S ENERGY LEADERSHIP

Around the world, power systems are being rebuilt to balance reliability with rapid renewable growth – a challenge amplified by geopolitics, rising demand and unprecedented technology change. Nations are turning to diversified energy portfolios, smarter grids and firming technologies to secure affordable electricity while transitioning to cleaner systems. India's approach – scaling renewables while reinforcing system strength, modernising thermal assets, and accelerating storage and flexibility options – has become a benchmark for how emerging markets can deliver reliability without slowing clean-energy expansion. As global companies seek stable investment environments, India's integrated energy strategy is increasingly viewed as a template for resilient, commercially viable power-market evolution.

**Attendee Insights:**
Gain insight into proven models for balancing clean-energy scale-up with reliability and understand how global technology and investment trends align with India's long-term power system planning.

## PANELLISTS

**Shri Gurdeep Singh**
Chairman and MD
**NTPC Limited**

**Damitha Kumarasinghe**
DG
**Public Utilities Commission of Sri Lanka (PUCSL)**

**Gauri Singh**
Deputy DG
**IRENA**

**Shri Burra Vamsi Rama Mohan**
Director, Projects
**Power Grid Corporation of India Limited (POWERGRID)**

**Guilherme Mendonca**
CEO and MD
**Siemens Energy India Limited**

## MODERATOR

**Alok Kumar**
DG
**All India Discoms Association (AIDA)**

# DAY 1 - THURSDAY, 19 MARCH 2026

| 16:30 - 17:20 | India's power sector roadmap to 2047: translating national vision into a resilient, integrated and future-ready electricity system |
|---|---|

**LEADERSHIP PANEL**

**STRATEGIC THEMES**

POWERING A CLEAN AND ABUNDANT ENERGY FUTURE

India's electricity sector is undergoing a once-in-a-generation transformation driven by rapid demand growth, large-scale renewable integration, electrification of industry and mobility, and rising expectations of reliability, affordability and sustainability. The roadmap to 2047 is not merely about capacity addition, but about building a power system that is resilient, flexible, digitally enabled and nationally integrated.

As India progresses towards becoming a developed economy, the power sector must simultaneously scale clean generation, strengthen transmission corridors, modernise distribution, deploy storage and flexibility solutions, and adopt advanced digital and operational practices. Coordination across generation, grid planning, system operations, market design and institutional frameworks will be critical to manage variability, ensure grid security and deliver power at scale.

Global experience demonstrates that long-term system planning, strong institutions, integrated regional grids, and technology-driven operations are key enablers of successful energy transitions. For India, the central challenge is execution, aligning national vision, state-level implementation, utility capabilities and system operations into a unified electricity transformation pathway. How effectively India designs and delivers this roadmap will shape not only its energy future, but also its industrial growth, climate leadership and energy security by 2047.

**Attendee Insights:**
The session will explore how India's power system is evolving to accommodate large-scale renewable integration, energy storage and rising electrification demand, while ensuring grid reliability and resilience. It will highlight the role of regional and cross-border interconnections such as OSOWOG, draw lessons from global power systems, and examine the policy, institutional and governance reforms needed to deliver Vision 2047 in practice.

## PANELLISTS

**Dr. R K Tyagi**
Chairman and MD
**Power Grid Corporation of India Limited (POWERGRID)**

**Shri Ghanshyam Prasad**
Chairperson
**Central Electricity Authority (CEA)**

**Shri. Tarun Kapoor**
Advisor to Prime Minister
**Government of India**

**Guirec Servan**
CEO
**EDF Power Solutions India Private Limited**

## MODERATOR

**Anish De**
Global Head, Energy, Natural Resources and Chemicals (ENRC)
**KPMG**

# DAY 1 - THURSDAY, 19 MARCH 2026

| 17:20 - 18:10 | Digital energy stack: building a secure and interoperable backbone for the modern grid |
|---|---|

**LEADERSHIP PANEL**

**STRATEGIC THEMES**

POWERING ADVANCED TECHNOLOGY INNOVATION
POWERING EASE OF DOING BUSINESS

Digitalisation is becoming the backbone of advanced electricity systems, transforming how power is produced, moved and consumed. India is now building one of the world's most ambitious digital grid architectures – spanning smart metering, automated substations, interoperable platforms, cybersecurity frameworks and AI-driven system intelligence. As grids become more complex and renewable-heavy, digital infrastructure will determine operational reliability, investment efficiency and the quality of consumer experience. Global markets are converging around secure data standards, real-time analytics and unified digital ecosystems; India's ability to scale these technologies will unlock new value across planning, loss reduction, demand management and market operations. This new digital foundation will shape the next generation of India's power sector.

**Attendee Insights:**
Discover how digital infrastructure will transform grid operations, reduce losses, enable smarter planning and position India as a global leader in data-driven, future-ready electricity systems.

## PANELLISTS

**Dr. Ram Sewak Sharma**
Chairperson
**India Energy Stack, MOP**

**Shri. Jitendra Srivastava**
Chairman and MD
**Rural Electrification Corporation Limited (REC)**

**N Venu**
MD and CEO, India and South Asia, Hitachi Energy and MD
**Hitachi India**

## MODERATOR

**Reji Kumar Pillai**
Chairman
**India Smart Grid Forum (ISGF)**

# DAY 2 - FRIDAY, 20 MARCH 2026

| 10:00 - 10:50 | Hydrogen, ammonia and green molecules: building competitive industrial value chains for India and the world |
|---|---|

**LEADERSHIP PANEL**

**STRATEGIC THEMES**

POWERING A CLEAN AND ABUNDANT ENERGY FUTURE
POWERING ADVANCED TECHNOLOGY INNOVATION

India is rapidly positioning itself at the centre of the global shift. As countries race to secure long-term supplies of hydrogen, ammonia and green molecules, India's vast renewable base, advanced engineering talent and emerging mega-projects create a unique foundation for global-scale value chains. Momentum is building across industrial clusters, port infrastructure, and cross-border partnerships, while international buyers search for reliable producers India's ability to lead in this space will determine its next industrial growth cycle – unlocking new export markets and signalling to the world that the country is ready to shape the low-carbon future.

**Attendee Insights:**
Understand how India can emerge as a major exporter of green industrial fuels and the global partnerships, supply-chain investments and technology choices that will define competitiveness in the next energy economy.

## PANELLISTS

**Shri. Abhay Bakre**
Mission Director
**Green Hydrogen Mission,**
**Ministry of New and Renewable Energy (MNRE)**

**B.C. Tripathi**
Vice Chairman
**AM Green Ammonia**

**Sangeet Jain**
MD
**Lanzatech**

## MODERATOR

**Kapil Bansal**
Partner and Energy Transition Co-Lead
**EY India**

# DAY 2 - FRIDAY, 20 MARCH 2026

**10:50 - 11:40** | AI for power and power for AI: revolutionising performance, upgrading distribution and elevating grid intelligence

**LEADERSHIP PANEL**

**STRATEGIC THEMES**

POWERING ADVANCED TECHNOLOGY INNOVATION
POWERING AN INTERCONNECTED WORLD

Utilities around the world are undergoing a structural shift as AI becomes central to reliability, efficiency and workforce evolution examining the current progress of AI applications in power and electricity sector. India's scale and diversity give it a unique advantage: millions of assets, complex demand patterns, and one of the world's most ambitious smart-metering rollouts are generating unprecedented data streams. These datasets – combined with advances in predictive maintenance, automated diagnostics and real-time grid intelligence – are unlocking new possibilities for safer, leaner and more responsive power systems. AI-enabled systems now require a new paradigm in cyber-resilience. Nations with advanced grids are adopting integrated defence models combining real-time threat intelligence, hardened supply chains, zero-trust architecture and coordinated national security frameworks. For India, the stakes are particularly high: protecting economic growth, safeguarding digital infrastructure, and ensuring uninterrupted power availability for industry and society. India is poised to establish a new benchmark for digital grid excellence.

**Attendee Insights:**
Discover how AI and automation are reshaping the world's most advanced power systems alongwith evolution of energy-sector cybersecurity and the defence models required to safeguard India's increasingly digital and strategically vital electricity system and how these technologies deliver reliability, resilience and future-ready operational excellence.

## PANELLISTS

**Gerhald Salge**
Global CTO
**Hitachi Energy**

**CY Chung**
President
**IEEE Power and Energy Society**

**Rajiv Ranjan Mishra**
MD
**Apraava Energy**

**Shri. VK Singh**
Member, Power System
**Central Electricity Authority (CEA)**

## MODERATOR

**Prabhav Sharma**
Partner
**McKinsey & Company**

# DAY 2 - FRIDAY, 20 MARCH 2026

**11:40 - 12:30** Nuclear power for energy security: delivering scalable and reliable clean power

**LEADERSHIP PANEL**

**STRATEGIC THEMES**

POWERING A CLEAN AND ABUNDANT ENERGY FUTURE
POWERING ADVANCED TECHNOLOGY INNOVATION

Large-scale nuclear energy remains one of the world's most dependable sources of carbon-free electricity, offering long-term stability that strengthens national energy security. Modern reactor programmes are benefitting from advances in safety systems, construction techniques, digital oversight and international cooperation that enhance fuel assurance, regulatory alignment and operational excellence. As electricity demand grows and renewable generation expands, nuclear power provides a consistent and resilient supply of clean energy that supports system planning, industrial development and long-term reliability. Global innovation in reactor design and project delivery is reshaping what nuclear expansion can achieve in the decades ahead.

**Attendee Insights:**
Gain insight into how large-scale nuclear power enhances national energy security, delivers long-duration clean capacity and supports a resilient, future-ready electricity system.

**PANELLIST**

**Dr. Kalirajan S**
MD
**EDF Nuclear Projects India Limited**

**Dr. Thierry Advocat**
Nuclear Counsellor
**Embassy of France**

**Shri. K. Shanmugha Sundaram**
Chairman, ASHVINI,
Director, Projects
**NTPC Limited**

**MODERATOR**

**Zsófia Beck**
MD and Partner, Hungary,
CEEO Leader
**BCG**

**12:30 - 13:30** Unified power for a new India: aligning centre–state strategies for energy transition and acceleration

**LEADERSHIP PANEL**

**STRATEGIC THEMES**

POWERING INDIA'S ENERGY LEADERSHIP
POWERING INCLUSIVE ENERGY ACCESS

India's electricity transformation relies on close coordination between Union ministries and State governments. As demand rises, renewable targets expand, and major transmission and distribution upgrades accelerate, alignment across jurisdictions is becoming increasingly important for timely execution. The sector is entering a phase where policy clarity, synchronised planning, efficient approvals and supportive co-investment models can further speed up infrastructure development. With states emerging as major clean-energy centres, harmonised regulatory frameworks and coordinated deployment pathways will be central to strengthening long-term resilience, affordability and energy security.

**Attendee Insights:**
Gain clarity on how national and state leaders are coordinating the next decade of energy planning, and what this means for project timelines, investment confidence and India's system-wide transformation.

**PANELLIST**

**Arun Goyal**
Former Member, CERC
**Former Secretary, Government of India**

**Shri. Bijendra Prasad Yadav**
Minister of Energy
**Energy Department, Government of Bihar**

**Shri. Kavinder Gupta**
Lieutenant Governor
**Ladakh**

**MODERATOR**

**Neville Dumasia**
Partner and Leader,
Industrials and Energy
**EY India**

# DAY 2 - FRIDAY, 20 MARCH 2026

**14:30 - 15:20** | Electrification at scale: power trading systems and growth trajectories for low carbon future

**LEADERSHIP PANEL**

**STRATEGIC THEMES**

POWERING INCLUSIVE ENERGY ACCESS
POWERING A CLEAN AND ABUNDANT ENERGY FUTURE

The electrification of transport is reshaping power markets worldwide, creating entirely new demand patterns, infrastructure requirements and commercial opportunities for utilities. India is on the cusp of one of the world's largest EV expansions, supported by rapid cost declines, domestic manufacturing growth and rising consumer adoption. Large-scale e-mobility will drive significant new electricity demand, require major upgrades to distribution networks, and open new frontiers in charging infrastructure and digital energy services. Global and Indian ecosystems are converging to create integrated electrification platforms that could redefine utility business models for the next decade.

**Attendee Insights:**
Learn how India's EV surge will transform power demand, network planning and utility business models – creating one of the country's most dynamic new growth engines.

## PANELLISTS

**Sonam Tobjey**
CEO
**Bhutan Power Corporation**

**Neha Aggarwal**
MD
**Arunachal Pradesh Power Corporation Private Limited (APPCPL)**

**Tarun Katiyar**
CEO and MD
**Tata Power Trading Company Limited**

**Harish Saran**
MD
**Hindustan Power Exchange**

**Shailendra Shukla**
MD, Mobility Group, India
**Eaton Industrial Systems**

## MODERATOR

**Amit Bhatt**
MD, India
**International Council on Clean Transportation**

# DAY 2 - FRIDAY, 20 MARCH 2026

**15:20 - 16:10** | Financing global power transition: converting ambition into bankable projects

**LEADERSHIP PANEL**

**STRATEGIC THEMES**

POWERING ADVANCED TECHNOLOGY INNOVATION
POWERING EASE OF DOING BUSINESS

Global clean-energy ambition is accelerating, but capital deployment continues to lag execution needs. This session focuses on how policy intent, market design and risk-allocation frameworks can be aligned to convert power-sector targets into bankable, investment-ready projects across generation, transmission, storage and digital infrastructure. Leaders from government, utilities, developers and finance will discuss how regulatory certainty, blended finance, guarantees and innovative contracting models can lower the cost of capital and scale investment, especially in fast-growing power systems.

**Attendee Insights:**
Gain insight into what makes power projects bankable, with a focus on aligning policy frameworks, contracts and risk allocation to reduce financing costs. The discussion will highlight how blended finance and guarantee mechanisms can crowd in private capital, address financing challenges in grids, storage and other system-level assets, and draw practical lessons from emerging markets on scaling capital deployment for the power transition.

## PANELLISTS

**Parminder Chopra**
Chairman and MD
**Power Finance Corporation Limited (PFC)**

**Dr. Katan Hirachand**
Chief Executive and Chief Country Officer
**Societe Generale Bank**

**Shri Ravisankar Ganesan**
Director, Finance
**Power Grid Corporation of India Limited (POWERGRID)**

## MODERATOR

**Dr. Marko Lackovic**
MD and Senior Partner
**BCG**

# DAY 2 - FRIDAY, 20 MARCH 2026

| 16:10 - 17:00 | Energy storage revolution: scaling to enable 500+GW renewable power systems |
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**LEADERSHIP PANEL**

**STRATEGIC THEMES**

POWERING A CLEAN AND ABUNDANT ENERGY FUTURE
POWERING ADVANCED TECHNOLOGY INNOVATION

Energy storage is central to transforming ambitious renewable energy targets into reliable, flexible and fully dispatchable power systems. Technologies ranging from battery energy storage systems (BESS) to pumped hydro and emerging long-duration storage solutions play a critical role in grid stability, peak management, renewable integration and system resilience. Together, they enable power systems to balance variability, enhance operational flexibility and ensure round-the-clock clean energy delivery.

Scaling energy storage presents both challenges and strategic opportunities. Dependence on imported technologies and critical materials exposes the sector to supply risks, price volatility and geopolitical uncertainties. Addressing these issues requires robust safety and performance standards, diversified technology pathways, domestic manufacturing and a coordinated ecosystem spanning policy, finance and execution. Energy storage is therefore not only a technical necessity, but a strategic enabler of energy security, industrial development and long-term economic growth.

**Attendee Insights:**
Gain insight into pathways for scaling energy storage deployment, the complementary roles of BESS, pumped hydro and long-duration storage, approaches to reduce import dependence, evolving safety and performance frameworks, and opportunities to build a resilient, localised energy storage ecosystem capable of supporting high-renewable power systems.

## PANELLISTS

**Chris Fitzgerald**
Group Director for International Affairs
**Octopus Energy Group**

**Paul Smith**
SVP
**Energy Dome**

**Dr. Vishal Mittal**
Founder and CEO
**Delectrik Systems Private Limited**

**Pratyush Thakur**
Investment Director and Country Head
**Blueleaf Energy**

## MODERATOR

**Marius Mordal Bakke**
VP, Head of Solar and Storage Research
**Rystad Energy**

# DAY 2 - FRIDAY, 20 MARCH 2026

| 17:00 - 17:50 | India's global clean-energy supply moment: transforming 'Make in India' into 'Make for the World |
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**LEADERSHIP PANEL**

**STRATEGIC THEMES**

POWERING A CLEAN AND ABUNDANT ENERGY FUTURE
POWERING ADVANCED TECHNOLOGY INNOVATION

Global energy markets are undergoing a major realignment as countries diversify supply chains and seek reliable partners for large-scale manufacturing. India's expanding industrial base – spanning solar modules, grid technologies, storage systems, power electronics and green-tech hardware – places the country in a strong position to supply competitive products to markets across Asia, Africa, the Middle East and Europe. International buyers are increasingly prioritising supply-chain resilience, quality standards and geopolitical stability, creating new trade pathways for Indian exporters. Strengthened certification regimes, export-ready manufacturing clusters, and globally aligned standards will determine India's ability to become a trusted supplier in the next wave of clean-energy commerce.

**Attendee Insights:**
Explore how India can convert domestic manufacturing gains into global export leadership, shaping the geopolitics and trade flows of the emerging clean-energy economy.

## PANELLISTS

**Pankaj Agarwal**
Founder and CEO
**Panitek Green Ventures**

**Pankaj Chadha**
Chairman
**EEPC**

**Gaurav Makhija**
VP, Switchgear and EPD
**CG Power and Industrial Solutions Limited**

**Atul Choudhari**
CTO
**Tata Consulting Engineers Limited**

## MODERATOR

**Abhishek Shah**
Partner, Renewables and Energy Storage
**KPMG**

# DAY 3 - SATURDAY, 21 MARCH 2026

| 10:00 - 10:50 | OSOWOG market mechanisms for high-RE integration and global energy integration |
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**LEADERSHIP PANEL**

**STRATEGIC THEMES**

POWERING INCLUSIVE ENERGY ACCESS
POWERING FINANCE AND INVESTMENT
POWERING AN INTERCONNECTED WORLD

As renewables dominate the generation mix, leading markets are reinventing the commercial structures that underpin grid stability. Flexibility services, ancillary-service markets, real-time pricing tools and new reliability frameworks are enabling faster response, reduced curtailment and more efficient system balancing.
India is now approaching the inflection point where market design must evolve in parallel with renewable growth, integrating lessons from Europe, the US and emerging Asian power markets. Aligning operational needs with market incentives will be essential to ensuring reliable, cost-effective and scalable clean-power integration.

**Attendee Insights:**
Gain clarity on the global shift toward market-based reliability tools and what India can learn as it builds a more flexible, competitive and future-ready electricity system.

## PANELLISTS

**Dr. Vibha Dhawan**
DG
**The Energy and Resources Institute**

**Ashish Khanna**
DG
**International Solar Alliance**

**Hitendra Dev Shakya**
MD
**Nepal Electricity Authority**

**Dr. Puneet Chitkara**
SVP, Strategy
**India Energy Exchange**

## MODERATOR

**Dr. Satish Kumar**
President and Executive Director
**Alliance for an Energy Efficient Economy (AEEE)**

# DAY 3 - SATURDAY, 21 MARCH 2026

| 10:50 - 11:40 | Next-generation transmission infrastructure and operations: real-time optimisation, automation and system-strength management |
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**LEADERSHIP PANEL**

**STRATEGIC THEMES**

POWERING ADVANCED TECHNOLOGY INNOVATION
POWERING INCLUSIVE ENERGY ACCESS

The world's most advanced utilities are adopting real-time visibility, advanced forecasting, automated controls, and robust system-strength tools to ensure reliability, resilience and efficiency.

Transmission infrastructure is being re-engineered to address land constraints, extreme climate conditions, higher power densities and accelerated project timelines. Grid operators require faster decision cycles, modernised control rooms, synthetic inertia solutions, enhanced protection schemes, and seamless coordination between transmission and distribution. Public sector utilities and global TSOs are developing playbooks that blend digital intelligence with engineering expertise to maintain stability under dynamic conditions. These innovations are critical to balancing variability, enhancing resilience and preparing power systems for a high-renewables future.

**Attendee Insights:**

Discover how next-generation infrastructure resilience and expansion along with operational strategies can strengthen grid stability and enable confident management of a fast-evolving electricity system.

## PANELLISTS

**Shri. Samir Chandra Saxena**
Chairman and MD
**GRID, India**

**Shri. Naveen Srivastava**
Director, Operations
**Power Grid Corporation of India Limited (POWERGRID)**

**Sandeep Zanzaria**
CEO and MD
**GE Vernova T&D India Limited**

**Akilur Rahman**
CTO, India and Market Innovation Lead, South Asia
**Hitachi Energy**

## MODERATOR

**Dr. Subir Sen**
Director, Technical
**Tripura State Electricity Corporation Limited**

# DAY 3 - SATURDAY, 21 MARCH 2026

| 11:40 - 12:30 | Re-engineering transmission delivery: RoW innovation and infrastructure execution |
|---|---|

**LEADERSHIP PANEL**

**STRATEGIC THEMES**

POWERING A CLEAN AND ABUNDANT ENERGY FUTURE
POWERING ADVANCED TECHNOLOGY INNOVATION

Small Modular Reactors are reshaping opportunities for nuclear energy through modular construction, compact siting requirements and the ability to supply both electricity and industrial heat. Their smaller footprint and configurable capacity make them suitable for industrial clusters, remote regions, repowering of retiring thermal sites and integration with hydrogen or desalination projects. Global advances in passive safety, digital oversight and manufacturing standardisation are accelerating deployment timelines and reducing cost uncertainties. SMRs offer a pathway to scalable, dispatchable clean energy that complements renewables while diversifying the portfolio of firm low-carbon resources.

**Attendee Insights:**
Gain practical insights into how smarter transmission planning and RoW innovation can reduce project delays, accelerate grid expansion, and lower infrastructure risk in high-renewables systems.

**PANELLISTS**

**Dr. D Saibaba**
Additional Secretary,
Ministry of Power
**Government of India**

**Eng. Kipkemoi Kibias**
Ag. MD and CEO
**Kenya Electricity Transmission Company Limited**

# DAY 3 - SATURDAY, 21 MARCH 2026

| 12:30 - 13:20 | Pumped hydro renaissance: unlocking long duration storage for renewable dominance |
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**LEADERSHIP PANEL**

**STRATEGIC THEMES**

POWERING ADVANCED TECHNOLOGY INNOVATION
POWERING A CLEAN AND ABUNDANT ENERGY FUTURE
POWERING INCLUSIVE ENERGY ACCES

Pumped Hydro Storage (PHS) offers India the cheapest, longest-duration solution to balance solar and wind variability and strengthen grid stability. Currently, India operates 4.7 GW of pumped hydro capacity, yet studies estimate a technical potential of 100 GW, representing a transformative opportunity for energy security. International experience highlights the effectiveness of large-scale pumped hydro in countries like China, Japan, and European nations, demonstrating cost reductions, grid resilience, and reliable renewable integration. For India, PHS is not just a storage solution, it is a strategic enabler for achieving energy self-reliance, accelerating the transition to net-zero, and ensuring a resilient, future-ready electricity system.

**Attendee Insights:**

Gain insight into India's roadmap to scale pumped hydro from 4.7 GW to 100 GW, explore strategies for accelerated deployment, and understand how long-duration storage can stabilise grids, integrate large-scale renewables, and enhance energy security and system resilience.

## PANELLISTS

**Shri. M G Gokhale**
Member, Hydro
**Central Electricity Authority (CEA)**

**Shri. Suprakash Adhikari**
Director, Technical
**NHPC**

**Shubhra Thakur**
Director, Policy and Markets, APAC and Country Director, India
**Long Duration Energy Storage Council**

**Ankur Vashishta**
Head, Pumped Storage Projects
**JSW Energy**

## MODERATOR

**Prateek Aggarwal**
Programme Lead
**Council on Energy, Environment and Water (CEEW)**

# DAY 3 - SATURDAY, 21 MARCH 2026

| 14:30 - 15:20 | Building intelligent grid systems: from smart metering and ADMS–DERMS platforms, to next-generation TSO–DSO coordination |
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**LEADERSHIP PANEL**

**STRATEGIC THEMES**

POWERING ADVANCED TECHNOLOGY INNOVATION
POWERING INCLUSIVE ENERGY ACCESS

Electricity networks worldwide are becoming deeply data-driven, and India's grid is now poised for a digital leap. Smart meters, connected devices, AI-powered analytics and interoperable platforms are enabling granular visibility across distribution networks, supporting lower AT&C losses, faster fault detection, dynamic load management and transparent consumer engagement. Digitalisation is also empowering PSUs to operate at new levels of precision, while global utilities provide proven blueprints for cybersecurity, data governance and platform integration. As distributed energy resources grow and consumer behaviour becomes more dynamic, digital infrastructure is transforming how power is planned, balanced and delivered.

**Attendee Insights:**
Learn how digital intelligence across the grid can unlock efficiency, resilience and consumer trust at national scale.

## PANELLISTS

**Shri. Manoj Kumar Singh, IAS**
Chairman and MD
**Bihar State Power Holding Company Limited (BSPHCL)**

**Hemant Jain**
Member, Grid Operation and Distribution
**Central Electricity Authority (CEA)**

**Anil Rawal**
CEO and MD
**Intellismart Infrastructure Private Limited**

**Abhishek Ranjan**
CEO
**BSES Rajdhani Power Limited**

**Madan Mohan Chakraborty**
MD and CEO
**GridCrest Technologies Private Limited, Kaynes Group**

## MODERATOR

**Satyendra Nath Kalita**
Director, Regulatory Affairs
**All India Discoms Association**

# DAY 3 - SATURDAY, 21 MARCH 2026

**15:20 – 16:10** | Powering the digital economy: clean energy for data centres and emerging digital infrastructure

**LEADERSHIP PANEL**

**STRATEGIC THEMES**

POWERING ADVANCED TECHNOLOGY INNOVATION
POWERING INCLUSIVE ENERGY ACCESS

Data centres, cloud platforms and digital services are driving a surge in electricity demand–and global investors are looking to markets with abundant clean energy, stable grids and efficient, coordinated permitting frameworks. As hyperscalers commit to round-the-clock renewable supply, opportunities are emerging across green power procurement, on-site generation, hybrid solar-wind-storage systems and advanced cooling technologies. For PSUs and state utilities, integrating large digital loads requires forward planning on grid capacity, reliability, transmission upgrades and flexible scheduling. International experience shows that well-managed digital hubs can stimulate industrial corridors and attract long-term energy investment.

**Attendee Insights:**

Explore how clean power, strong grids and smart planning can position India as a premier destination for global digital infrastructure.

## PANELLISTS

**Sarit Maheswari**
CEO
**NTPC Green Energy Limited (NGEL)**

**Simon Evans**
Director, Global Digital Energy Leader
**Arup**

**Dr. Lawrence Jones**
Co-Founder and President
**Energy Plexus Institute**

**Michel Augonnet**
Former President
**CIGRE**

**Venkat Mynam**
Senior Engineering Director
**Schweitzer Engineering Laboratories, Inc.**

## MODERATOR

**Ashim Sharma**
Senior Partner and Business Unit Head
**NRI (Nomura Research Institute) Consulting and Solutions**

# DAY 3 - SATURDAY, 21 MARCH 2026

| 16:10 - 17:00 | Scaling alternative fuel in India's power mix: unlocking flexibility and economic potential |
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**LEADERSHIP PANEL**

**STRATEGIC THEMES**

POWERING ELECTRIFICATION'S SUPPLY CHAIN EVOLUTION
POWERING FINANCE AND INVESTMENT
POWERING A CLEAN AND ABUNDANT ENERGY FUTURE
POWERING ADVANCED TECHNOLOGY INNOVATION

India's electricity sector is rapidly scaling alternative fuels to diversify the energy mix, reduce dependence on coal and imported natural gas, while meeting an escalating power demand. From biofuels, and green hydrogen through to the dawning of a nuclear power renaissance, India has announced a range of far-reaching measures to support the growth of alternative fuels as a major component of power generation. Initiatives such as the National Biofuels Policy, the National Green Hydrogen Mission and the Nuclear Energy Mission are driving clean, alternative fuels capacity and extensive infrastructure growth. Coupled with the boosting of domestic energy-technology innovation ecosystems and the widespread implementation of carbon capture technologies, alternative fuels represent significant opportunities in both sustainable and economic development for India.

**Attendee Insights:**

Understand how policy, investment and technology drivers can facilitate India's transition to alternative fuels, and boost energy security, reduce emissions and create dynamic new economic sectors.

## PANELLISTS

**Shri. Ravindra Kumar**
Director, Operations
**NTPC**

**Rajinder Singh Ahuja**
CEO Power
**Vedanta Limited**

## MODERATOR

**Gaurav Gulati**
Principal
**Kearney**

# DAY 3 - SATURDAY, 21 MARCH 2026

| 17:00 - 17:50 | Hydropower reimagined: advancing innovation and resilience for India's future clean energy system |
|---|---|

**LEADERSHIP PANEL**

**STRATEGIC THEMES**

POWERING A CLEAN AND ABUNDANT ENERGY FUTURE
POWERING INDIA'S ENERGY LEADERSHIP
POWERING INCLUSIVE ENERGY ACCESS

Hydropower is evolving into a critical pillar of climate-resilient electricity systems, offering long-duration balancing capacity that supports seasonal shifts in demand and renewable output. Modern advances in pumped storage, turbine efficiency, digital reservoir management and hydro-solar hybrids are strengthening its ability to provide fast ramping, inertia support and multi-day reserves. As climate variability alters rainfall patterns and hydrology, innovation in forecasting, storage management and water–energy optimisation is becoming vital. Hydropower's unique combination of storage, flexibility and resilience positions it as a strategic asset for stabilising the grid across weeks and seasons.

**Attendee Insights:**

See how modern hydropower solutions deliver long-duration balancing, climate-resilient capacity and essential flexibility for future power systems.

## PANELLISTS

**Shri. Bhupender Gupta**
Chairman and MD
**SJVN Limited**

**Shri. Sanjay Kumar Singh**
Director, Projects
**NHPC Limited**

**Dr. Enrique Cifres**
Hon. VP
**International Commission on Large Dams (ICOLD)**

**Arun Kumar**
Professor
**IIT Roorkee**

## MODERATOR

**Imanol Arbulu**
Partner, Energy Practice
**Kearney**

# DAY 4 - SUNDAY, 22 MARCH 2026

| | |
|---|---|
| **10:00 - 10:50** | Workforce of the future: skills development for advanced power systems, AI and data-driven utilities |

**LEADERSHIP PANEL**

**STRATEGIC THEMES**

POWERING ELECTRICITY'S FUTURE WORKFORCE

As power systems become cyber-physical, data-intensive, and software-driven, the sector faces a critical challenge: developing a future-ready workforce. This session will focus on hard-core power engineering skills combined with digital, AI, and analytics capabilities, drawing from global utility transformation programs and IEEE education frameworks. The discussion will cover re-skilling of engineers, technicians, and operators for AI-enabled grid planning, predictive maintenance, digital substations, cybersecurity, and advanced system operations.

As power systems worldwide become data-intensive, AI-enabled, and increasingly automated, developing a future-ready workforce is critical. Engineers, technicians, and operators should be able to blend traditional power engineering expertise with digital, AI, and analytics skills to manage predictive maintenance, digital substations, cybersecurity, and advanced grid operations.

Countries leading utility transformation have demonstrated that structured reskilling programs, continuous professional development, and alignment with international education frameworks such as IEEE standards, are essential to building a workforce capable of meeting future energy demands. Collaborative global initiatives, knowledge sharing, and adoption of best practices enable utilities to accelerate innovation, enhance safety, and improve operational efficiency while maintaining reliability in increasingly complex networks.

**Attendee Insights:**
Gain insight into the national skill development roadmap for the power sector, including models for continuous learning, certification, and workforce upskilling. Explore key strategies to bridge the gap between traditional power engineering and emerging digital, AI, and analytics skills, unlocking long-term benefits in productivity, safety and innovation.

## PANELLISTS

**Dr. Yatindra Dwivedi**
Director, Personnel
**Power Grid Corporation of India Limited (POWERGRID)**

**Shri. Anil Kumar Jadli**
Director, HR
**NTPC**

**Marco Montefiori**
Co-Founder, Chair and Chief Growth Officer
**Energy Plexus Institute**

**Ashutosh Goel**
MD
**Allied Engineering Works Private Limited**

**Mike Singh**
Chairman
**TC Energy and ICT Group**

## MODERATOR

**Vinay Raghunath**
Business Transformation Leader
**EY India**

# DAY 4 - SUNDAY, 22 MARCH 2026

| 10:50 – 11:40 | Beyond decarbonisation: circular energy systems integrating energy efficiency, resource circularity and carbon trading markets |
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**LEADERSHIP PANEL**

**STRATEGIC THEMES**

POWERING ELECTRIFICATION'S SUPPLY CHAIN EVOLUTION

POWERING INCLUSIVE ENERGY ACCESS

The clean-energy transition is reshaping material, energy and carbon flows across power systems, manufacturing and end-use infrastructure. As deployment scales, energy efficiency and circular design are becoming essential to reduce lifecycle emissions, manage resource intensity and control costs. Circular energy systems enable asset life extension, reuse and remanufacturing, high-value material recovery, second-life applications and advanced recycling across solar, storage, EV and grid equipment.

Alongside efficiency and circularity, carbon credit trading schemes and market-based mechanisms are emerging as powerful tools to monetise emissions reductions, reward resource-efficient operations and accelerate investment in low-carbon technologies. Verified carbon credits linked to efficiency improvements, material recovery, waste-to-value processes and clean-energy deployment can lower project risk, improve returns and support compliance and voluntary carbon markets. Together, circular practices and carbon markets can strengthen energy security, reduce import dependence and create new industrial and financial value chains, while meeting rising global expectations on lifecycle sustainability.

**Attendee Insights:**

Gain insight into how energy efficiency, circular resource models and carbon credit trading schemes can work together to reduce lifecycle emissions, unlock new revenue streams, improve project bankability and accelerate the transition to resilient, low-carbon energy systems.

## PANELLISTS

**Shri. Krushna Chandra Panigrahy**
DG
**Bureau of Energy Efficiency**

**Nitin Gupta**
Co-Founder and CEO
**Attero**

**Dr. Sanjay Kumar**
Chief Policy Advisor
**Climate Parliament**

**Mikiko Tanaka**
Head, Subregional Office of South and Southwest Asia
**Economic and Social Commission for Asia and the Pacific (ESCAP)**

**Dr. R K Shrivastava**
Environmental and Social Consultant, India and Central Asia
**World Bank**

## MODERATOR

**Saurabh Gupta**
Partner, Smart Grids and Regulations
**KPMG**

# DAY 4 - SUNDAY, 22 MARCH 2026

| 11:40 - 12:30 | Coal gasification and clean thermal technologies: empowering communities in a transforming economy |
|---|---|

**LEADERSHIP PANEL**

**STRATEGIC THEMES**

POWERING INCLUSIVE ENERGY ACCESS
POWERING ADVANCED TECHNOLOGY INNOVATION
POWERING A CLEAN AND ABUNDANT ENERGY FUTURE

Reliable thermal generation remains a lifeline for many regions, supporting essential services, local industries and community development as demand grows and renewable access remains uneven. Clean thermal technologies are helping strengthen last-mile reliability through smarter, more efficient local plants, improved fuel flexibility, and modern emission-reduction systems that minimise environmental impact while ensuring stable power. Around the world, community-centred thermal strategies are delivering dependable electricity during seasonal variability, supporting rural electrification, and enabling equitable access where renewable integration is still developing. As India's energy system evolves, clean thermal solutions continue to play a vital role in protecting vulnerable regions, sustaining development and ensuring no community is left behind in the transition.

**Attendee Insights:**

See how community-focused thermal solutions can enhance regional resilience, support social development and ensure dependable power where it's needed most.

**PANELLISTS**

**Shri. Shivam Srivastava**
Director, Fuel
**NTPC Limited**

# DAY 4 - SUNDAY, 22 MARCH 2026

| 12:30- 13:20 | Power ecosystem co-innovation: Utility–Start-up collaboration at national and global scale |
|---|---|

LEADERSHIP PANEL

**STRATEGIC THEMES**

POWERING ADVANCED TECHNOLOGY INNOVATION
POWERING EASE OF DOING BUSINESS
POWERING INDIA'S ENERGY LEADERSHIP

Breakthrough ideas in AI, grid automation, advanced sensors, storage materials and clean-tech hardware are emerging faster than ever – but scaling them requires strong partnerships between innovators and public-sector anchors. Utilities bring national reach, operational expertise and long-term stability, while start-ups bring speed, creativity and specialised technology. New procurement models, co-development programmes, regulatory sandboxes and dedicated innovation cells are enabling pilots to move from prototypes to full-grid rollouts. Successful collaborations can redefine efficiency, cut operational costs and set new global benchmarks for modern power-sector innovation.

**Attendee Insights:**

Discover how utility–start-up partnerships can accelerate technology adoption and build a more agile, innovation-ready electricity ecosystem.

## PANELLISTS

**Rahul Lamba**
Co-Founder
**The Energy Company (TEC)**

**Abhijit R. Abhyankar**
NTPC Chair Professor, Electrical Engineering Department
**IIT, Delhi**

**Neelashi Shukla**
Head of Cleantech Equity Investments
**Stride Ventures**

**Nitin Sharma**
Founder and CEO
**Newen Systems Private Limited**

## MODERATOR

**Bhaskar Rakshit**
Partner and APAC Utilities Head, Energy and Process Industries
**Kearney**

# TECHNICAL CONFERENCE OVERVIEW

The Bharat Electricity Summit 2026 Technical Conference is a global stage for advancing innovation, knowledge exchange and applied research across power and supply chain ecosystems. As countries confront the urgent need to modernise energy systems, strengthen grid resilience and accelerate clean power deployment, India's leadership and scale are delivering solutions with global relevance. Curated by an expert Technical Committee, the conference brings together engineers, system architects, researchers and technology leaders to showcase the breakthrough innovations and real-world applications shaping the future of electricity.

With India emerging as a global benchmark for integrated power transformation — from renewables and storage to smart grids and digital infrastructure — the BES Technical Conference offers an important new opportunity to engage with technical decision-makers, share frontier knowledge and collaborate on the technologies powering a secure, sustainable and inclusive energy future.

**74**
Technical Committee Members

**85+**
Technical Speakers

**15+**
Technical Sessions

**240+**
Poster Presentations

# TECHNICAL CONFERENCE CATEGORIES

| | | |
|---|---|---|
| A. | GENERATION | CATEGORY A1: RENEWABLE AND CLEAN ENERGY GENERATION<br>CATEGORY A2: ENERGY EFFICIENCY AND SUSTAINABILITY<br>CATEGORY A3: ENERGY STORAGE AND CIRCULARITY<br>CATEGORY A4: POLICY, EFFICIENCY AND INNOVATION IN GENERATION TECHNOLOGIES |
| B. | TRANSMISSION AND GRID OPERATIONS | CATEGORY B1: GRID TECHNOLOGY, INFRASTRUCTURE AND PLANNING<br>CATEGORY B2: ASSET MANAGEMENT<br>CATEGORY B3: DIGITAL AND RESILIENT GRID OPERATIONS<br>CATEGORY B4: INTEGRATION OF NEW ENERGY RESOURCES AND FLEXIBILITY<br>CATEGORY B5: TRANSMISSION MARKET DESIGN AND SYSTEM ECONOMICS |
| C. | DISTRIBUTION AND SMART INFRASTRUCTURE | CATEGORY C1: GRID DECENTRALISATION AND MODERNISATION<br>CATEGORY C2: DIGITAL TECHNOLOGIES AND BUSINESS MODELS<br>CATEGORY C3: INTEGRATED ENERGY SYSTEMS |
| D. | FINANCE, REGULATORY AND POLICY | CATEGORY D1: FINANCIAL MODELS AND RISK MANAGEMENT<br>CATEGORY D2: GOVERNANCE AND POLICY FOR ENERGY TRANSITION<br>CATEGORY D3: DIGITAL AND TECHNOLOGICAL ENABLERS |
| E. | ENABLERS OF POWER SECTOR TRANSFORMATION | CATEGORY E1: GRID DECENTRALISATION AND MODERNISATION<br>CATEGORY E2: DIGITAL TECHNOLOGIES AND BUSINESS MODELS |

## BOOK YOUR VISITOR'S PASS

www.bharatelectricitysummit.com

# EVENT OVERVIEW

## EXHIBITIONS

Join over 500 exhibitors and 25,000 professionals from across the public and private sectors to showcase solutions, build strategic partnerships and position your business at the heart of India's clean energy ambition.

## CONFERENCES

The Strategic and Technical conferences are curated for high-level discussions, expert forums, poster presentations, and interactive workshops delivering frontier insights across the power value chain, fueling progress through knowledge exchange for a sustainable, accessible and reliable energy future.

## VIP CLUB

The Power Club offers a VIP networking space with private rooms tailored for government officials and business leaders. It provides an exclusive environment for forging meaningful connections, fostering collaborations and engaging in high-level discussions that drive industry progress.


## THEMATIC ZONES

The exhibition is strategically categorised in six zones to maximise relevance, visibility and targeted engagement. They comprise of the Energy Storage Zone, Power Generation Zone, Renewable & Clean Energy Zone, Distribution & Smart Grid Zone, Transmission Zone, And Energy Innovation & Startup Zone.

# SPECIAL PROGRAMMES

## BUYER-SELLER MEET

This exclusive initiative serves as a catalyst for business growth, enabling project developers, EPCs, MSMEs, policymakers, manufacturers and investors to connect directly with global innovators, technology leaders and solution providers shaping the future of clean and resilient power systems.

## WOMEN IN ELECTRICITY

This half-day summit brings together women leaders from India and around the world, policymakers, engineers and the professionals shaping tomorrow's electricity sector. The sessions explore the intersection of technological innovation, gender-inclusive leadership, and the specific challenges of the Indian power grid.


## LEADERSHIP ROUNDTABLES

Comprising of C-suites leaders and ministers, the roundtables are purpose-built to deliver actionable insights, strategic alignment and high-value partnerships, supporting India's transition to a resilient, future-ready electricity ecosystem and the global shift towards sustainable electrification.

## VENDOR DEVELOPMENT PROGRAMME

The programme serves as a practical platform for Indian manufacturers and solution providers to engage with key buyers, understand future demand, and position themselves within India's rapidly evolving electricity ecosystem, supporting resilient supply chains, cost competitiveness and sustainable growth.

# SPECIAL PROGRAMMES

Expand Networks. Elevate Leadership. Access Emerging Opportunities.

**STATIONARY ENERGY STORAGE IN INDIA (SESI) 2026**

Friday, 20 March 2026

**CABLETECH2026**

Saturday, 21 March 2026

**FROM ASSETS TO SYSTEM VALUE: HOW STORAGE WILL RESHAPE UTILITIES, MARKETS, AND INVESTMENTS**

Friday, 20 March 2026


**STRATEGIC ROADMAP: "ACCELERATING INDIA'S ENERGY INDEPENDENCE" BY PROF. ASHOK JHUNJHUNWALA**

Friday, 20 March 2026

**2ND INTERNATIONAL CONFERENCE ON CARBON MARKETS – PRAKRITI 2026**

Saturday and Sunday, 21 - 22 March 2026

**WOMEN IN ELECTRICITY: CURRENT & COURAGEOUS**

Saturday, 21 March 2026

## AFRICA50 – POWER TO ALL: ONE AFRICA–ONE GRID

Saturday, 21 March 2026

## VENDOR DEVELOPMENT PROGRAMME SESSION: MAKE IN INDIA FOR POWER DISTRIBUTION

Saturday, 21 March 2026

## VENDOR DEVELOPMENT PROGRAMME SESSION: MAKE IN INDIA FOR POWER TRANSMISSION

Saturday, 21 March 2026

## VENDOR DEVELOPMENT PROGRAMME SESSION: MAKE IN INDIA FOR POWER GENERATION

Saturday, 21 March 2026

## INDUSTRY 4.0 TECHNOLOGIES IN THE TRANSMISSION SECTOR

Saturday, 21 March 2026

## LEGAL AND REGULATORY FRAMEWORK IN POWER SECTOR

Saturday, 21 March 2026

## POWERING INDIA AND HARNESSING OF HYDRO POTENTIAL OF NORTHEAST INDIA: STRATEGIES REQUIRED

Sunday, 22 March 2026

## BEHIND THE METER STORAGE OF DRE

Sunday, 22 March 2026

**REINVENTING POWER SYSTEMS: THE STARTUP REVOLUTION IN ELECTRICITY**

Sunday, 22 March 2026

**YOUTH SESSION: SKILLING, ENTREPRENEURSHIP BUILDING AND SUSTAINABILITY: POWERING THE WORKFORCE OF 2047**

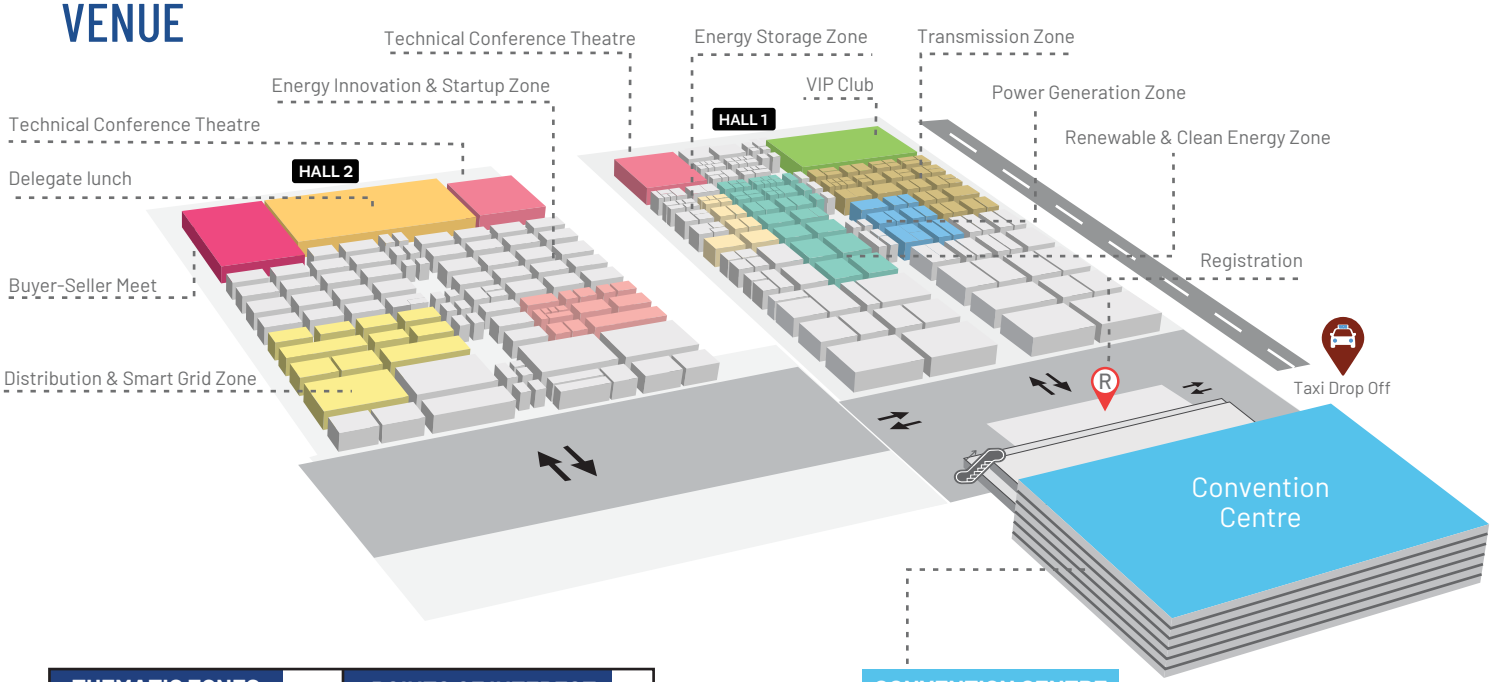
Sunday, 22 March 2026

# VENUE MAP

Set within the state-of-the-art Yashobhoomi exhibition and conference centre in New Delhi, the Bharat Electricity Summit will showcase 60,000 sqm of exhibition space across Halls 1 and 2, offering an expansive platform for industry participation.

The exhibition layout has been carefully curated to optimise visitor flow, enhance exhibitor visibility and create an immersive environment where companies can showcase their technologies, forge partnerships, and engage with key decision-makers from across the power and electricity value chain.

## VENUE




### THEMATIC ZONES

- Distribution & Smart Grid Zone
- Energy Innovation & Startup Zone
- Energy Storage Zone
- Renewable & Clean Energy Zone
- Power Generation Zone
- Transmission Zone

### POINTS OF INTEREST

- Buyer-Seller Meet
- Delegate Lunch
- Technical Theatre
- VIP Club
- Registration
- Taxi Drop Off

### CONVENTION CENTRE

**AMALTAS HALL - BASEMENT 1**
Cabletech2026
Women IN Electricity: Current and Courageous
Industry 4.0 Technologies in the Transmission Sector
Legal and Regulatory Framework in the Power Sector
Reinventing Power Systems: The Startup Revolution in Electricity
Youth Session: Skilling, Entrepreneurship and Sustainability

**BRAHMAKAMAL HALL - GROUND FLOOR**
Strategic Conference
"Accelerating India's Energy Independence" by Prof. Ashok Jhunjhunwala

**PARIJAT HALL - FLOOR 2**
AFRICASO - Power to All: One Africa-One Grid

**MOGRA HALL - FLOOR 4**
Stationary Energy Storage in India (SESI) 2026
Vendor Development Programme: Make In India for Power Distribution
Vendor Development Programme: Make In India for Power Transmission
Vendor Development Programme: Make In India for Power Generation
Behind the Meter Storage of DRE
Powering India and Harnessing of Hydro Potential of Northeast India

**PALASH HALL - FLOOR 6**
2nd International Conference on Carbon Markets - Prakriti 2026

# BOOK YOUR DELEGATE PASS

## ALL ACCESS DELEGATE PASS

**DOMESTIC**
**INR 25,000**

**INTERNATIONAL**
**INR 35,000**

**GAIN ACCESS TO:**

- Inaugural Ceremony
- Strategic Conference
- Special Programmes
- Delegate Networking Lunch
- Delegate Bag
- 500+ Exhibiting Companies
- 6 Thematic Zones

**BOOK PASS**

For group booking enquiries, contact us at **delegates@bharatelectricitysummit.com**

# BHARAT ELECTRICITY SUMMIT 2026

POWERING A CLEAN FUTURE

UNDER THE PATRONAGE OF

GOVERNMENT OF INDIA
MINISTRY OF POWER

सत्यमेव जयते

**19–22 March 2026** | Yashobhoomi, Dwarka, New Delhi, India

# SECURE YOUR CONFERENCE DELEGATE PASS

www.bharatelectricitysummit.com/delegate-registration

For group booking enquiries, contact us at
**delegates@bharatelectricitysummit.com**

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**Delegate Enquiries**
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