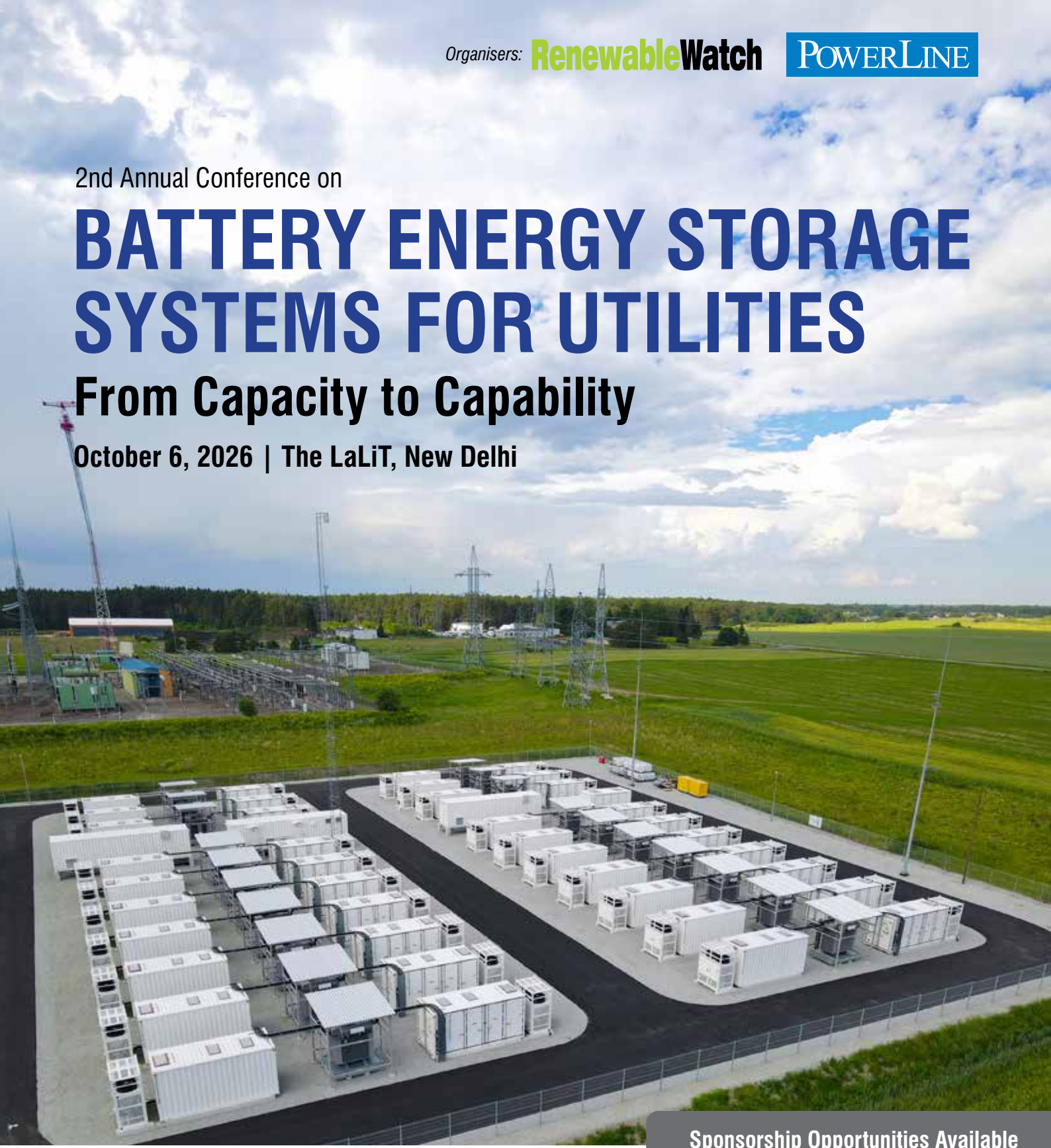
Organisers: RenewableWatch | POWERLINE

2nd Annual Conference on

BATTERY ENERGY STORAGE SYSTEMS FOR UTILITIES

From Capacity to Capability

October 6, 2026 | The LaLiT, New Delhi



Sponsorship Opportunities Available

Co-sponsors so far:

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BATTERY ENERGY STORAGE SYSTEMS FOR UTILITIES

Mission

- Battery energy storage systems (BESS) provide multifaceted advantages to transmission and distribution (T&D) utilities, apart from their role as backup power solutions, including demand-supply balancing, deferral of costly infrastructure investments, seamless renewable integration and delivery of critical ancillary services such as frequency and voltage regulation, black starts, and operating reserves. BESS has thus emerged as a pivotal technology for utilities, driven by the urgent need of maintaining grid stability amidst the accelerating integration of variable renewable energy sources.
- Government support through dedicated viability gap funding (VGF) schemes, waivers on interstate transmission charges, competitive bidding guidelines and energy storage mandates is accelerating the expansion of India's BESS market. Declining costs and rising domestic production of batteries are supporting this rapid uptake. Central and state agencies have further reinforced this trajectory by issuing successive tenders across the country.
- According to the Central Electricity Authority's National Generation Adequacy Plan, India's energy storage requirement is projected at 174 GW by 2035-36, with 80 GW of BESS. The country already has a healthy pipeline of BESS projects with T&D utilities focusing on standalone storage, renewables plus storage, and firm and dispatchable renewables to cater to the growing need for reliability and power demand management - considering the increasing penetration of decentralised, complex, intermittent and inter-connected power generation and consumption points.
- Despite these advances, the sector continues to grapple with challenges such as supply chain issues and regulatory uncertainties. Addressing these issues will require time and iterative learning from early projects. Nevertheless, BESS are set to become a cornerstone of future T&D networks, as the country transitions towards a cleaner, more distributed and resilient power sector.
- This conference on Battery Energy Storage Systems for Utilities will provide a platform to policymakers, regulators, transmission utilities, distribution utilities, project developers, battery manufacturers, technology providers, EPC contractors and service providers, financiers, and consultants to exchange experiences and learnings. The discussions during this one-day conference will delve into the key growth trends and market outlook, the policy and regulatory landscape, cost economics and tariffs, upcoming projects, and the challenges and outlook for BESS in India's T&D sector.

Confirmed Participating Organisations so far

Ambetronics, Advait Group, Astic India, BSES Yamuna Power Limited, Casagrand Solen, CEEW, Clark Energy, Coinmen India, Controls India, DB Power, Delta Electronics, Genxpv, GMR Group, Green Power, Hexa Climate, ICRA, India Energy Storage Alliance, Insolare, Intrawatt, JSW Energy, Keller, Lauritz Knudsen, LCC Engineering, Madhav Infra Projects, Ministry of New and Renewable Energy, mtandt, NaBFID, NTPC, NTPC Renewable Energy, Powerix, PTC India, Rays Power, REC, Resurgent India,Sai Computers, Savita Oil Technologies, SBI Capital Markets, SECI, Shell Midel, Sunsure Energy, Tata Elxi, Tata Power Renewable Energy, Torrent Green Energy, TPDDL, Vestas Wind Technology etc

To register, please contact Shivaprasad Hadimani at shivaprasad.hadimani@indiainfrastructure.com or +91-8971796633

AGENDA

BESS Market Outlook: Emerging Trends and Growth Opportunities

- What is the market potential for BESS in India? What have been the growth trends for BESS in the T&D space?
- What has been the response to the recent BESS, renewables plus storage and FDRE tenders? How do standalone BESS tariffs compare with PSP tariffs?
- What are the key issues? What is the near-term and long-term outlook for these projects?

BESS Roadmap: Evolving Policy and Regulatory Framework

- What are the key initiatives taken by the government to promote BESS deployment? What are the other upcoming policy and regulatory initiatives in this space?
- What is the targeted BESS capacity under the VGF scheme? What is the status? Are there any plans to extend the scheme?
- How is the government planning to develop indigenous supply chains and promote domestic manufacturing in this space?

Utility Perspectives: Deployment Plans and Operational Experience

- What benefits does BESS provide in terms of grid stability? What are the cost economics for long-term PPAs in case of BESS?
- What are the key projects that are under implementation? How much BESS capacity is planned to be procured? Have any tenders been launched for BESS or renewable energy hybrids with storage projects?
- What are the current bottlenecks regarding BESS uptake from a utility perspective? What measures are required to address these?

Developer and EPC Perspective: Project Development and Execution Considerations

- What are your upcoming projects and plans in the BESS space? What are the key applications your BESS projects will serve, especially in the T&D space?
- What has been your overall experience in implementing these projects for T&D utilities?
- What are the expectations from the government and other stakeholders?

Making BESS Bankable: Financing and Investment Strategies

- What are the key considerations for financing BESS for T&D applications?
- What are the cost economics of BESS projects with & without VGF?
- What measures need to be taken to improve the overall financing landscape for BESS? What is the overall outlook for BESS financing?

Focus on Technologies: Outlook of Battery Manufacturers

- Which are the most prominent technologies currently? How is that expected to change in the future?
- What is your current manufacturing capacity? What is your plan and target for the next few years?
- What is your perspective regarding the recent policies of the government to promote domestic manufacturing of batteries? What challenges do Indian manufacturers face?

Project Case Studies: Best Practices and Lessons Learned

- What are the key characteristics and parameters of this project? Who are the offtakers?
- What is the cost viability of this project?
- What are the key learnings from this project in terms of issues and challenges? How can these be addressed?

Target Audience

The conference is targeted at senior and mid-level officials from:

- Power distribution utilities
- Power Transmission Utilities
- Grid operators
- Central and state PSUs
- Renewable energy project developers
- Battery Storage Manufacturers
- Technology providers
- EPC Contractors & System Integrators
- Consultants
- Financial institutions and investors
- Etc.

SPEAKERS

List of confirmed speakers so far *(in alphabetical order)*

- Disha Agarwal, Fellow, **CEEW**
- Homesh Kumar Desmukh, Vice President-Lending & Project Finance, **NaBFID**
- Ajay Dhamania, General Manager, **NTPC Renewable Energy**
- Dr Yashodhan Pramod Gokhale, Vice President, Battery Technology - **JSW Energy**
- Ankur Gupta, Head - New Product & Technology, **Hexa Climate**
- Ankit Jain, Senior Vice President - Project Advisory & Structured Finance, **SBI Capital Markets**
- Dr. Jeevan Kumar Jethani, Senior Director and Scientist-F, **Ministry of New and Renewable Energy**
- Girish Kumar Kadam, Senior Vice President and Group Head, Corporate Ratings, **ICRA**
- Atulya Kumar Naik, Executive Director, **SECI**
- Viddyesh Kiran Raje, Head - BD (Utility Scale, EPC & Module Sales), **Tata Power Renewable Energy**
- Vaibhav Roongta, Chief Business Officer, **Rays Power**
- Debmalya Sen, President, **India Energy Storage Alliance**
- H.C. Sharma, Chief (Technical Services and Advanced Grid Management), **TPDDL**
- Sunil K. Sharma, General Manager, Sustainability and Clean Technology, **BSES Yamuna Power Limited**

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DELEGATE FEE

	Fee			
Delegates	**INR**	**GST@18%**	**Total INR**	**Total USD**
One delegate	16,000	2,880	18,880	230
Two delegates	28,000	5,040	33,040	400
Three delegates	40,000	7,200	47,200	560
Four delegates	52,000	9,360	61,360	725

*There is a special low fee of **INR 5,000 plus 18 percent GST per participant** for state utilities, regulatory authorities, academic institutions and government agencies (not public sector corporate)*

Organisers

The conference is being organised by *India Infrastructure Publishing*, the leading provider of information on the infrastructure sectors. The company publishes *Power Line* (India's premier power magazine), *Indian Infrastructure* (a magazine on infrastructure policy and finance), and *Renewable Watch* (covering the entire spectrum of renewable energy). It also publishes a series of market reports on the energy sector, including the *Battery Energy Storage Monitor, Pumped Storage Monitor, Green Hydrogen Monitor, and Compressed Biogas Monitor.* Its subscription-based reports include *Renewable Energy in India, Power Generation in India, Power Distribution in India,* and *Power Transmission in India*. In addition, the company publishes the *Power Line Directory and Yearbook* and the *Solar Power Directory and Yearbook.*

For delegate registrations and sponsorship opportunities, please contact:

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