

**Organised By**



# Pumped Hydro STORAGE 2025

12 - 13 June 2025, The Lalit - New Delhi

**- Well Supported By -**



सत्यमेव जयते  
Ministry of  
Power



सत्यमेव जयते  
Ministry of  
Environment & Forest  
and Climate Change



सत्यमेव जयते  
Ministry of  
Jal Shakti



सत्यमेव जयते  
Ministry of  
New & Renewable Energy



सत्यमेव जयते  
NITI Aayog



[HTTPS://MISSIONENERGY.ORG/PHS25/](https://missionenergy.org/PHS25/)



[HELP@MISSIONENERGY.ORG](mailto:HELP@MISSIONENERGY.ORG)



+91 98560 98360

- India's Only Premium Conference
- Expand Your Network & Leverage Learnings
- Accelerating the Green Growth

Hear from 25+ Expert Speakers

Expand Your Network & Leverage Learnings

Experience the Latest in Pumped Hydro Storage

### Exclusive Peer-to-Peer Conference

150+	20+	25+	10+	2+	1+
CONFERENCE	EAC	EXPERT	TECHNICAL	PANEL	NETWORKING
ATTENDEES	MEMBERS	SPEAKERS	SESSIONS	DISCUSSIONS	DINNER



- India's Only Premium Conference
- Expand Your Network & Leverage Learnings
- Accelerating the Green Growth

## **BACKGROUND**

India is on the path towards a clean energy transition, guided by Nationally Determined Contribution (NDC) targets, to reduce emission intensity of its Gross Domestic Product (GDP) by 45% by 2030, get to 50% of installed capacity of non-fossil fuel sources by 2030 and achieve net zero carbon emission by 2030. Given the ongoing energy transition in the country, the development of Pumped Storage Projects (PSPs) is of paramount importance for providing greater inertia and balancing the power to the grid as battery storage solutions are still being scaled up and are required for short duration storage needs in grid management, PSPs are a natural enabler for integrating greater amounts of wind and solar power. With its ability to store a large amount of energy, frequent starts/stops, and faster ramp-ups/ramp-downs, PSPs are ideally suited to address the dynamic supply and demand. PSPs can also be used for peaking operation and improve the reliability of the power system.

In order to meet India's commitment of achieving non-fossil energy-based capacity to 500 GW by 2030, various policy measures to promote growth and investments have been initiated by the Government of India and State Governments. From CEA formulating DPR to MoP releasing final guidelines to MoEFCC clarifying issues related to Environmental Clearances required for developing PSPs. The Government have set its goals and aim very clearly to create required framework needed to promote the development of new PSPs across the country.

Pumped Hydro Storage is a mature and proven technology with operational experience in the country. India has a potential of 181.5 GW of PSP capacity, both on-river & off-river. CEA envisaged a requirement of 26.7 GW of PHPs till 2032. However, numerous companies are coming up with new projects and MoEFCC is flooded with Terms of Reference (ToR) proposals of 87 projects with a total capacity of 1.04 GW as per CEA data on PHPs. This has further gained significant traction and 38 projects with 50.67 GW capacity have been allocated by states for commissioning by 2032 which are under different stages of development.

Pumped Hydro Storage (PHS) is crucial for India's energy future as it addresses key challenges like renewable energy integration, grid stability, peak demand management, and energy security. By providing a cost-effective and reliable storage solution, PHS supports India's transition to a cleaner, more sustainable energy system while contributing to its economic growth and environmental goals. The Pumped Storage Projects capacity additions are being supported by policy initiatives like the issuance of draft PSP guidelines, declaration of PSPs as renewable sources, waiver of interstate transmission charges, notification of energy storage obligation, and proposed viability gap funding support. However, challenges such as complicated and prolonged approval procedures need to be addressed to tap the potential within this critical segment.

The need for Pumped Hydro Storage (PHS) in India is increasingly critical due to several factors related to the country's energy transition, grid management, and sustainability goals and the primary reasons why PHS is essential for India.

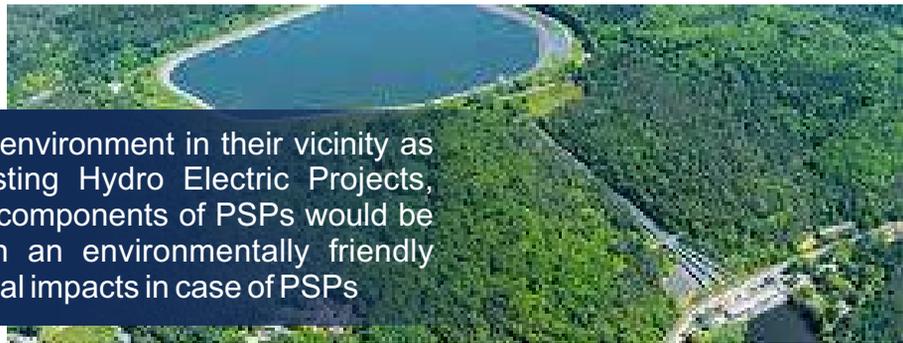


- India's Only Premium Conference
- Expand Your Network & Leverage Learnings
- Accelerating the Green Growth

## Advantages of Pumped Storage Projects

### Ecologically Friendly

PSPs would have minimal impact on the environment in their vicinity as they are mainly envisaged on the existing Hydro Electric Projects, reservoirs, or as off-the-river projects. All components of PSPs would be connected, operated and maintained in an environmentally friendly manner. There are no residual environmental impacts in case of PSPs



### Atmanirbhar Bharat

The guidelines for the development of storage systems synchronise with the vision of Atmanirbhar Bharat. The PSPs primarily use indigenous technologies and domestically produced materials. Most of the electrical & mechanical parts of PSPs are also made in India. Other alternate solutions to storage such as batteries are heavily import-dependent.



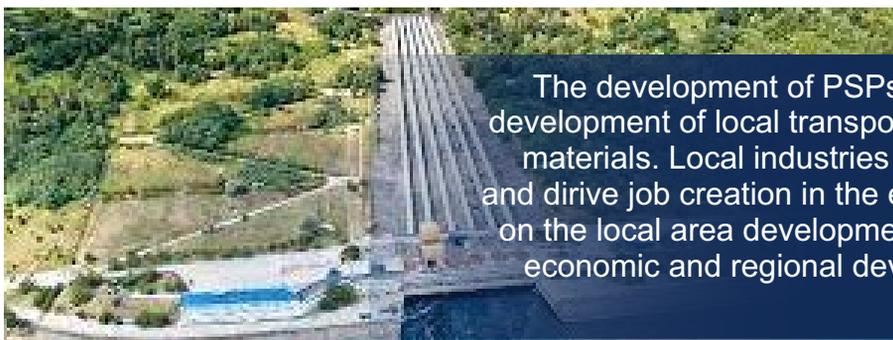
### Tested Technology

The PSPs operate on time-tested technology thereby infusing confidence in the leading institutions for a longer duration of loans. Additionally, the cost of technologies involved in the construction has reduced rendering PSPs a viable proposition. The technological surety associated with PSPs has opened the possibility for the developers to claim a higher debt-equity ratio in the projects



### Local Development

The development of PSPs is highly capital intensive and involves the development of local transport infrastructure for mobilisation of men and materials. Local industries such as cement and steel also get impetus and drive job creation in the economy. This in turn have a salutary effect on the local area development. PSPs are an ideal investment for socio-economic and regional development considerations like infrastructure up-gradation and employment generation





12 - 13 June 2025, The Lalit - New Delhi

- India's Only Premium Conference
- Expand Your Network & Leverage Learnings
- Accelerating the Green Growth

With all in above in mind and Mission Energy Foundation's expertise of 16+ years being forefront of driving knowledge dissemination in the energy sector, organizing impactful platforms across a variety of subjects takes privilege to announce its next initiatives to consistently bring together a diverse and influential group of stakeholders, ranging from entrepreneurs and academicians to government authorities, technology providers, consultants, and industry professionals at an exclusive peer-to-peer conference **Pumped Hydrogen Storage - 2025**

**Pumped Hydro STORAGE - 2025** shall focus to discuss the key developments, opportunities, experiences, challenges and future prospects in India's pumped storage market. This conference will serve as a platform for policymakers, regulators, renewable energy developers, manufacturers and technology providers, EPC contractors, O&M service providers, financiers and consultants to share their insights and experiences in this emerging segment.

**Pumped Hydro Storage 2025 is scheduled on 12 - 13 June 2025 at The Lalit, New Delhi.** This conference aims to bring together thought leaders, industry experts, policymakers, and stakeholders to drive discussions on the crucial role of pumped hydro storage in advancing grid level energy storage in the most environmentally sustainable manner. Those interested in developing and operating pumped hydro storage plants will get access to information on the various financial schemes, regulations, policies, successful project development, optimization, and overcoming challenges of pumped hydro storage.

### FOCUSSED COVERAGE ON

- Government Policies & Initiatives
- Renewable Energy Transition & Energy Security
- Emerging Challenges & Available Options
- Recent Developments & Growth Prospects
- Grid Stabilization and Ancillary Services
- Integration of Renewable Energy
- Sustainability and Environmental Goals
- Cost-Effective Energy Storage
- Decentralising and Remote Energy Systems
- Flexibility for Future Energy Mix
- Economic Development and Job Creation
- Renewable Energy Development Incentives
- Infrastructure Optimisation



[HTTPS://MISSIONENERGY.ORG/PHS25/](https://missionenergy.org/phs25/)



[HELP@MISSIONENERGY.ORG](mailto:HELP@MISSIONENERGY.ORG)



+91 98560 98360

- India's Only Premium Conference
- Expand Your Network & Leverage Learnings
- Accelerating the Green Growth

## Expert Advisory Committee

### Chairpersons



**Aditya K Dinkar**  
Secretary  
Central Board Of Irrigation & Power



**A K Saxena**  
CEO  
Sr. Fellow & Sr. Director Electricity and RE Div  
The Energy and Resources Institute

## The Expert MEMBERS



**Abhay Harne**  
Director Projects  
MAHAGENCO



**K K Singh**  
Director WR  
Central Board of Irrigation & Power



**Manoj Kumar Upadhyay**  
Deputy Adviser (Energy)  
NITI Aayog



**Manoj Srivastava**  
Associate Vice President  
AM Green Energy



**Gautam Saha**  
President & Business Head Pump Storage  
Hinduja Renewables Energy



**Anil Dhar**  
Head & AVP Pumped Storage Projects  
Jindal Renewable Power



**Bhupender Gupta**  
Director Technical  
THDC Limited



**Subrahmanyam Pesala**  
AVP & Head Hydro PSP  
ReNew Power



**Kumar Pritam**  
Chief Hydro  
Tata Power Limited



**Naresh Telgu**  
COO PSP & Hydro  
Adani Green Energy Limited



**Praveen Nanda**  
Executive Vice President  
Greenko Group



**Janardan Choudhary**  
Advisor - PSP & Hydro  
Adani Green Energy Limited



**Arindam Ghosh**  
Head of Sales & Services - Hydro Business  
India & SA  
GE Renewable Energy



**Bhuvan Vikram Singh**  
AVP Sales & Marketing  
Voith Hydro



**Sandeep Shrivastav**  
SVP - Mktg & BD  
Andritz Hydro



**Khyati Gupta**  
BD & Market Management  
Andritz Hydro



**Mayur Bajaj**  
Founder & CEO  
Splash Power



**Abhijeet Patil**  
Head Special Projects  
Tata Power Limited



**Prashant Kokil**  
Independent Consultant



**Harbans Lal Arora**  
Independent Consultant



**Ashwinkumar Khatri**  
DG - Mission Energy Foundation



- India's Only Premium Conference
- Expand Your Network & Leverage Learnings
- Accelerating the Green Growth

## the AUDIENCE

Pumped Hydro STORAGE - 2025 is expected to draw participation from executives, managers and decision-makers from:

- ▶ Central Public Units
- ▶ State Public Units
- ▶ Central Govt. Agencies
- ▶ State Govt. Agencies
- ▶ Policy Makers
- ▶ Regulatory Boards
- ▶ Technology Providers
- ▶ Interstate Hydro Projects
- ▶ Hydro Power Producers
- ▶ Consultants
- ▶ Legal Firms
- ▶ State Electricity Boards
- ▶ Financial Institutions
- ▶ Civil Work Contractors
- ▶ And Many More...

## CALL FOR SPEAKERS OPEN

If you are interested in speaking at the 2025 conference we are inviting you to put forward your presentation proposal for review by our international conference advisory board. Please note that not all submissions can be accepted but all will be considered ahead of the final submission deadline.

We encourage proposals from speakers with deep technical and practical expertise in all aspects of Pumped Hydro Storage

**Deadline For Paper Submission Friday, 15 April 2025**

### **- CALL FOR SPEAKERS SUBMISSION PROCESS -**

Proposals must be submitted by online speaker registration mode. If selected to speak, all presenters will be required to submit a presentation in PowerPoint format at least 2 weeks in advance of the conference to ensure guidelines are met.

If you have any questions, please contact

**Janvion Rodrigues, Chief Operating Officer**  
**janvion@missionenergy.org, +91 9992 830 831**

- India's Only Premium Conference
- Expand Your Network & Leverage Learnings
- Accelerating the Green Growth

## Sponsor Now!

Our aim is to deliver you an event that exceeds your expectations, thus becoming an integrated part of your annual marketing program.

Sponsoring **Pumped Hydro STORAGE - 2025** will make your company stand out as a leader in this burgeoning industry and will leave a strong impression of your brand in key decision makers minds. Sponsors have an incredible amount of presence and it will not only give your company optimum exposure but also the opportunity for delegates to meet you and your executives to find out more about your role and business opportunities in the sector.

Gain **PUBLICITY** with our advertising and promotional campaigns

Obtain **DIRECT ACCESS** to potential clients during and after with our meticulously prepared confidential delegate list

Receive a **KEY SPEAKING POSITION** to address an audience of top executives and decision makers from the industry

Create **PERMANENT REMINDERS** of your product or services in conference documentation

Profile yourself as **INDUSTRIAL LEADER**, as your corporate logo and profile will be featured prominently in event marketing collaterals

**NETWORKING** with the industries leading Government Officials, Senior Level Delegates and Experts

Achieve **GREATER EXPOSURE** and **BRAND BUILDING** through our partners and much more

## Refer to the below tabular of varied sponsorship options and benefits.

PRINCIPAL SPONSOR	POWERING SPONSOR	KNOWLEDGE SPONSOR	SUPPORTING SPONSOR	ASSOCIATE SPONSOR	DOCUMENT sponsor
INR 745000 / USD 9950	INR 645000 / USD 8950	INR 545000 / USD 6950	INR 445000 / USD 6950	INR 345000 / USD 5950	INR 24500 / USD 4950
<ul style="list-style-type: none"> <li>7 Delegate Passes</li> <li>Logo on Brochure Cover Page</li> <li>Logo on Brochure Inside Page</li> <li>Logo on Conference Backdrop</li> <li>Logo on Registration Desk Backdrop</li> <li>Logo on Conference Website</li> <li>Corporate Banner in Networking Area</li> <li>Merchandise Distribution</li> <li>Screening of Company Film</li> <li>Circulation of Company Literature</li> <li>Thanking Announcements</li> <li>Speaking Opportunity - Day 1</li> <li>Panel Discussion Moderator</li> </ul>	<ul style="list-style-type: none"> <li>5 Delegate Passes</li> <li>Logo on Brochure Cover Page</li> <li>Logo on Brochure Inside Page</li> <li>Logo on Conference Backdrop</li> <li>Logo on Registration Desk Backdrop</li> <li>Logo on Conference Website</li> <li>Banner in Networking Area</li> <li>Merchandise Distribution</li> <li>Screening of Company Film</li> <li>Circulation of Company Literature</li> <li>Thanking Announcements</li> <li>Speaking Opportunity - Day 2</li> <li>Panel Discussion Panelist</li> </ul>	<ul style="list-style-type: none"> <li>3 Delegate Passes</li> <li>Logo on Brochure Cover Page</li> <li>Logo on Conference Backdrop</li> <li>Logo on Conference Website</li> <li>Circulation of Company Literature</li> <li>Thanking Announcements</li> <li>Panel Discussion Panelist</li> </ul>	<ul style="list-style-type: none"> <li>2 Delegate Passes</li> <li>Logo on Brochure Cover Page</li> <li>Logo on Conference Backdrop</li> <li>Logo on Conference Website</li> <li>Circulation of Company Literature</li> <li>Thanking Announcements</li> </ul>	<ul style="list-style-type: none"> <li>1 Delegate Passes</li> <li>Logo on Brochure Cover Page</li> <li>Logo on Conference Website</li> <li>Circulation of Company Literature</li> <li>Thanking Announcements</li> </ul>	<ul style="list-style-type: none"> <li>Logo on Conference Backdrop</li> <li>Logo on Conference Website</li> <li>Thanking Announcements</li> </ul>

To Sponsor contact: **Shri. S Dalvi**

President Partnerships & Legal Counsel  
 dalvi@missionenergy.org  
 +919769310944

- India's Only Premium Conference
- Expand Your Network & Leverage Learnings
- Accelerating the Green Growth

## Participation Fee Structure

### DELEGATE Registration

#### Indian Delegate:

Non-Residential - INR 26500  
Residential - INR 51500



#### Overseas Delegate:

Non-Residential - USD 650  
Residential - USD 900

#### Group Discount

5% for 3+ Participants  
10% for 7+ Participants

+Taxes as applicable

### SPEAKER Registration

#### Indian Speaker:

Non-Residential - INR 36500  
Residential - INR 61500



#### Overseas Speaker:

Non-Residential - USD 950  
Residential - USD 1250

+Taxes as applicable

**Register NOW**

## VENUE

### Hotel Lalit - New Delhi

Barakhamba Avenue

Connaught Place

New Delhi-110001

+91 11 4444 7777



# Organiser



## The Organisation

Mission Energy Foundation is a persistent, private, not-for-profit endeavour based in Mumbai, India. We are registered under sec 25 (1), 80G & 12AA respectively.

## The Beginning

A single man army with its mission to build platforms of discussion, exchange knowledge among industry professionals on core issues pertaining to growing energy sector.

## GOAL

Mission Energy Foundation is a micro-enterprise initiative that strives to spread knowledge in the globalising energy sector. We educate and spread technology awareness through ongoing contacts and discussions with the public and industry concerning what the future of the growing energy sector should be...

## Today

A human asset working together as one endeavour that expertise in organising and delivering successful international summits involving who's who from Entrepreneurs to Academicians to Government Authorities to Technology Providers to Consultants to Industry Professionals from the growing energy sector globally.

## UPCOMING EVENTS



**Mission Energy Foundation (A not-for-profit Organisation)**

003, B-16, Sector 1, Shanti Nagar, Mira Road, Thane, Maharashtra - 401107



[HTTPS://MISSIONENERGY.ORG/PHS25/](https://missionenergy.org/PHS25/)



[HELP@MISSIONENERGY.ORG](mailto:HELP@MISSIONENERGY.ORG)



+91 98560 98360