

Draft AGENDA - Thursday, 12 June 2025

08:30 - 09:20 - Registration & Welcome Tea

09:20 - 09:30 - Organiser Welcome Address

09:30 - 09:45

Pumped Hydro Storage Policy Update - Session Chair: A K Saxena, Sr. Fellow & Sr. Director Electricity and RE Div - TERI

Need of Paradigm Shift for Pumped Hydro Storage - Manoj Kumar Upadhyay, Deputy Adviser (Energy) - NITI Aayog

Way Forward for Streamlining PSPs - Sharvan Kumar, Chief Engineer HPP&I - CEA*

Pumped Storage: Current Trends & Future Challenges - Mayur Bajaj, Founder & CEO – Splash Power

Accelerating Pumped Storage Development in India for Sustainable Energy Security - Nimish Vora, Director - PwC India

09:45 – 10:30

Panel Discussion: The Role of Pumped Hydro Storage in a Low-Carbon Future

Moderator: Prashant Kokil - Independent Consultant

Panellists:

Kumar Pritam, Chief Hydro - **Tata Power Limited**

Abhay Harne, Director Projects - **MAHAGENCO**

Praveen Nanda, Executive Vice President - **Greenko Group**

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

KK Singh, Director WR - **Central Board of Irrigation & Power**

Abhishek Swarnkar, Senior Expert - **Pumped Hydro Storage / Hydro – Masdar***

10:30 – 11:00 - Networking Tea Break

11:00 - 13:00

Pumped Storage Power Station: Case Study Collections - Session Chair: Harbans Lal Arora - Independent Consultant

Presentation Title - TBA - Kumar Pritam, Chief Hydro - **Tata Power Limited**

Presentation Title - TBA - Subrahmanyam Pesala, AVP & Head Hydro PSP – **ReNew Power**

Presentation Title - TBA - Manoj Srivastava, Associate Vice President - **AM Green Energy Private Limited**

Presentation Title - TBA - Gautam Saha, President & Business Head Pump Storage - **Hinduja Renewables**

Presentation Title - TBA - Anil Dhar, Head & AVP PSPs - **Jindal Renewable Power Private Limited**

Subhasankar Debsarma Biswas, Director (Generation) - **WBSIEDCL**

M Sachidanandam, Director Hydel - **TGGENCO***

13:00 – 14:00 - Networking Lunch Break

14:00 – 16:00

Advancements in Pumped Hydro Technology - Session Chair: Anil Dhar, Head & AVP PSPs - **Jindal Renewable Power Private Limited**

Presentation Title – TBA - Sandeep Shrivastav, SVP - Mktg & BD - **Andritz Hydro**

Presentation Title – TBA - Bhuvan Vikram Singh, AVP Sales & Marketing - **Voith Hydro**

16:00 – 16:30 - Networking Tea Break

16:00 – 18:00

Digitalization and Smart Operation of Pumped Hydro Storage Plants - Session Chair: Praveen Nanda, Executive Vice President - **Greenko Group**

Presentation Title – TBA - Arindam Ghosh, Head of Sales & Services - Hydro Business India - **GE Vernova**

Presentation Title – TBA = Manjusha Mishra, GM Civil - **NHPC Limited***

*Invited & Confirmation Awaited



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10:00 – 11:00

Geotechnical Considerations for Pumped Hydro Storage in India

Session Chair: KK Singh, Director WR - Central Board of Irrigation & Power

Presentation Title – TBA - Bhupender Gupta, Director (Technical) - **THDC Limited**

Presentation Title – TBA - Praveen Nanda, Executive Vice President - **Greenko Group**

Advanced Geophysical Investigations for Pumped Hydro Power Storage: Techniques for Enhanced Site Characterization and Risk Mitigation

Dr Sanjay Rana, Managing Director - **Parsan Overseas Private Limited**

Sanjay Gupta, Managing Director - **Cengrs Geotechnica Private Limited***

11:00 – 11:30 - Networking Tea Break

11:00 - 13:00

Innovative Project Development and Financing - Session Chair: Naresh Telgu, COO PSP & Hydro - **Adani Green Energy Limited**

Hybrid Pumped Storage and Floating Solar the Double Engine of Energy Transition

Jiban Chandra Kakoti, GM (Hydro & Pumped Storage) & Dr. Bibhu Prasad Rath Addl. GM (New Projects Group) - **NTPC Limited**

Pricing Mechanism for Profitable Growth of Pumped-Hydro Energy Storage

Santosh Parsewar, Sr Associate (Specialist) Energy Practice - **McKinsey & Company***

Tariff Structure of Pumped Hydro Storage Plants

Kishore Kumar Singh, Head - Hydro & Pumped Storage – **EDF Renewables***

Public Private Partnerships and International Collaboration

Ripu Bhanjan Singh Senior Director - **US-India Strategic Partnership Forum***

13:00 – 14:00 - Networking Lunch Break

14:00 – 16:00

Grid Integration and Technical Challenges

Session Chair: Abhay Harne, Director Projects – **MAHAGENCO**

Grid Connectivity, Synchronization, Modeling and Simulation with PHS Systems

Rajiv Porwal, Director (System Operation) - **Grid Controller of India Ltd**

Grid Inertia and Frequency Regulation using PHS

Ravindra Kumar Tyagi, CMD - **Power Grid Corporation of India Ltd***

Overcoming Transmission Bottlenecks & Black Start Capabilities with PHS

G Ravisankar, Chairman - **Central Transmission Utility of India Ltd***

16:00 - End of Conference followed by Networking Tea Break

*Invited & Confirmation Awaited

