

SSFIGP-2024

Announcement & Call for Papers



राष्ट्रीय संगोष्ठी
National Conference

Shaping Sustainable Future of India
with *Green Power*

19th & 20th March 2024, Jaisalmer (Rajasthan)

Organized by



In association with



National Power Training Institute
(Ministry of Power, Govt. of India)
Eastern Region: Durgapur-713216(W.B.)

Eastern Regional Power Committee
(Central Electricity Authority)
Ministry of Power, Govt. of India

VENUE :

Hotel Rang Mahal
Jaisalmer (Rajasthan)



Supported By



हर दिन, हर पल बिजली बचाएँ – ऊर्जा संरक्षण हेतु जिम्मेदारी निभाएँ

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Sh. Alok Chaturvedi, VC, Adani Green Energy Ltd.
Sh. Raj Shaha, Plant Head, Rotor Blade Unit, Suzlon Energy Ltd.

Convener

Sh. S.K. Srivastava, Director, NPTI (Eastern Region).

Theme of the Conference

Govt. of India has set up an enhanced target at the COP26 of 500 GW of non-fossil fuel-based energy by 2030 and poised to achieve a remarkable 65% share of renewable energy in its energy mix by the year 2030. This has been a key pledge under the Panchamrit. This is the world's largest expansion plan in renewable energy. This clean energy is not just about providing electricity; it's about empowering communities, fostering sustainable development, and creating a path to a brighter future. Solar power has emerged as a game-changer in providing clean energy to off-grid and remote areas. This will not only reduce dependence on non-renewable energy sources but also contribute to environmental conservation. Similarly, Wind energy projects are not just about generating power; they represent a commitment to environmental stewardship and sustainable development. By harnessing the power of the wind, communities become less reliant on finite resources and more resilient in the face of changing climates. Further, Pumped Hydro Storage (PHS) can play an immensely important role in facilitating India's improved energy security and transition to a lower cost, low carbon electricity market that will require flexible, dispatchable, as well as peak power capacity, especially until battery storage becomes cost competitive. The National Mission for Green Hydrogen has already been established. This will contribute to India's aim to become Aatmanirbhar through clean energy and serve as an inspiration for the global Clean Energy Transition. The Mission will lead to significant decarbonization of the economy, reduced dependence on fossil fuel imports, and enable India to assume technology and market leadership in Green Hydrogen. India aims to have 30% electric vehicle penetration by 2030 to reduce carbon emission and move towards a greener future. The Central Electricity Authority (CEA) had modelled a need for about 28GW/108GWh of energy storage by 2030 to support that 500GW goal, which includes 450GW of wind and solar PV.

Keeping all above in view, NPTI (Eastern Region) in association with ERPC, CEA is organizing 2 Days National Conference on "Shaping Sustainable Future of India with Green Power" at Jaisalmer (Rajasthan).

Technical Committee

Dr. C. Bhattacharya, Dy. Director, NPTI
Sh. Rajneesh Vachaspati, Dy. Director, NPTI
Sh. Alik De, Dy. Director, ERPC, CEA
Sh. Sanjay Kumar, Dy. Director, NPTI
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Sh. B. Veeranna, Asstt. Director, NPTI

Conference Coverage-Salient Points

- Overview of National Electricity Plan (NEP)-2023
- Renewable Energy (Solar & Wind) - Journey travelled & opportunity ahead.
- Financing norms & schemes for Renewable Energy
- Future trajectory & potential opportunity for Hydro power in India.
- Pumped Storage Power Plants- Cost benefit analysis.
- Green Hydrogen- Production, Storage, Distribution & refueling.
- Role of Electric Vehicle in decarbonization – Present status & Govt. initiatives.
- Grid Scale Battery Energy Storage System (BESS).
- Grid Stability with enhanced penetration of Renewable Energy.
- Case Studies.

One Nation
One Grid

Call for Papers

Papers on the above theme are invited from interested professionals, organizations, manufacturers, institutions, agencies etc. for presentation in the Conference. Authors are requested to send abstract & full text of their paper (hard copy as well as soft copy) for presentation in 12 points in Times New Roman font with single line spacing.

Methodology

The technical sessions will be devoted to key note lectures from experts on themes, presentation of technical papers by various eminent personalities from relevant fields and discussions. The concluding session will be a panel discussion. Paper accepted for presentation in the Conference will be published (abstract only) in a Souvenir to be brought out during the Conference. Authors interested in presenting their papers on the theme may please send an extended abstract to email: durgapur.nptier@gmail.com Authors are required to register themselves as delegate by paying Delegate Fee.

Speakers

Eminent and distinguished professionals from Renewable Sector, Hydro power, Pumped Hydro Storage, Battery Storage, EV & Regulatory affairs will be delivering invited lectures. The Conference would be providing an inter active environment for useful discussions.

Dates & Deadlines

Submission of Abstract	: February 16, 2024
Provisional acceptance	: February 23, 2024
Submission of full text	: March 1, 2024
Final acceptance	: March 5, 2024



The Conference Venue : *Hotel Rang Mahal, Jaisalmer (Rajasthan)*



Sponsorship

Platinum Sponsorship	: Rs.10.00 Lakhs + GST as applicable (8 delegates free of Cost)
Golden Sponsorship	: Rs.5.00 Lakhs + GST as applicable (3 delegates free of Cost)
Silver Sponsorship	: Rs.3.00 Lakhs + GST as applicable (2 delegates free of Cost)
Bronze Sponsorship	: Rs.1.50 Lakh + GST as applicable (1 delegates free of Cost)

- (1) Plus highlighting the sponsor in prominent places & one special full-page Advertisement will be published in the Souvenir of the Conference.
- (2) All sponsorship delegates will be provided Lodging & Boarding facilities in an Executive Room (Single Occupancy).

Delegate/Nomination Fee (Residential)

Delegate fee per participant with Lodging & Boarding facilities in an Executive Room on single occupancy basis .	INR 75,000.00
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- (1) Delegate Fee is exclusive of GST @18%
- (2) Delegates will be accommodated for 2 nights (18th & 19th March 2024) in Hotel Rang Mahal & 1 night (20th March 2024) in Camp at Sam Sands Dunes.
- (3) Single occupant may accommodate his/her spouse @ 5000/-extra for all days.
- (4) Check-in 18th March 2024, 3.00 PM onwards at hotel Rang Mahal & Check-out 21st March 2024, 10.00AM from Camp, Sam Sands dunes.
- (5) Cultural & other related activities shall be organized during the event.

Advertisement Rate for Souvenir

- Back Cover Page : Rs. 100000.00
 - Color full page : Rs. 50000.00
- Advertisement Rate is Exclusive of GST @18%

A unique platform for industry leaders, experts, and enthusiasts to come together to network, learn, and showcase the latest advancements in Green Power business and technology.

Mode of Payment

All payments should be made through ECS as details given below . Payment can also be made through Demand Draft drawn in favour of “**National Power Training Institute**” payable at **Faridabad, Haryana**.

Name of Bank : State Bank of India	Branch : Sarai Khawaja, Faridabad, Haryana
Account Holder Name : National Power Training Institute	
A/c. No. : 10724879119	IFSC Code : SBIN0003245

Schedule Program

18 th March 2024	3.00PM onwards	Hotel Check-in. (Check-in before 3.00 PM is not allowed)
	7.30 PM onwards	Inaugural Function
19 th March 2024	9.00 AM to 11.15 AM	Technical Session -I
	11.30AM to 01.00PM	Technical Session-II
	01.00PM to 02.00PM	Lunch
	2.30PM to 6.30PM	Technical visit to 390 MW ISTS-Connected Wind-Solar Power Project(s), Madhopura, Jaisalmer (RJ)
20 th March 2024	9.00AM to 11.15AM	Technical Session-III
	11.30AM to 2.00PM	Technical visit to Suzlon Energy Limited, Rotor Blade Unit and Demo on Wind Mill ,Bhoo, Jaisalmer. (RJ)
	02.00PM to 03.00PM	Lunch
	03.15PM	Departure for Sam Sands Dunes and stay in Camp.
21 st March 2024	09.30AM to 10.30AM	Feedback & Valedictory
	11.00AM	Camp Check-out. The delegates will be dropped at Jaisalmer (Common Point) about 12.00 Noon from where they can proceed to their places.

Correspondence

All correspondence should be addressed to

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Website : Latest information of the Conferene shall be posted at -
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