

TETI & B- 2025

राष्ट्रीय संगोष्ठी

National
Conference

Announcement & Call for Papers

Energy Transition in India & Beyond

—Challenges, Opportunities & Way Forward—

20th & 21st March 2025

VISHAKHAPATNAM

Organized by



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

In association with



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



Venue:

Novotel,
Varun Beach, Vishakhapatnam (Vizag)
Andhra Pradesh - 530023

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Theme of the Conference

The world is at a critical juncture in the shift from fossil fuels to renewable energy sources, a transition essential for achieving sustainability and combating climate change. India's growing population and expanding industrial base have led to a sharp increase in energy demand. Balancing the growing need for energy with sustainable practices is a major challenge. Meeting this demand through renewable sources while ensuring grid stability remains a significant hurdle. India is endowed with abundant renewable energy resources, particularly solar and wind. With vast swathes of land, a favorable climate, and high levels of sunlight, India has the potential to emerge as a global leader in renewable energy generation. Scaling up Renewable Energy Infrastructure, Energy Storage Solutions (Grid Scale Battery Storage Systems& Pump storage Plants), Grid modernization, Green Hydrogen, Carbon Capture, and Storage (CCS) and Electric Vehicle in decarbonization will play a critical role in India's energy future.

This conference on "Energy Transition in India and Beyond" seeks to explore the multifaceted challenges and opportunities associated with this monumental shift, not just for India but for the global community at large. The transition to a sustainable and low-carbon energy future is one of the most pressing global challenges of the 21st century. As the world grapples with climate change, nations are increasingly shifting towards renewable energy sources. However, this energy transition must not only focus on reducing carbon emissions but also on ensuring that the benefits of sustainable energy are shared equitably across all segments of society, including vulnerable and marginalized communities.

Conference Coverage-Salient Points

- Renewable Energy (Solar & Wind) – Achievements and Future Outlook
- Financial Mechanisms for an Inclusive Energy Transition
- Pumped Storage Power Plants – Economic Viability and Benefits

Technical Committee

Sh. Motilal Senapati, Dy Director, NPTI
Sh. Anup Das, Dy. Director, ERPC-CEA
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Sh. Prabhas Ankuri, Dy. Director, NPTI

- Decentralized Energy Systems: Empowering Local Communities
 - Green Hydrogen – Production, Storage, Distribution, and Infrastructure
 - Electric Vehicles in Decarbonization – Current Status and Government Initiatives
 - Grid-Scale Battery Energy Storage Systems (BESS) – Role and Importance
 - Integrated Approach to Green Energy Sources and Grid Modernization
 - Role of Women in India's Inclusive Energy Transition
 - Case Studies in Renewable Energy Implementation

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. The e-mail address of the corresponding author shall be provided for future contact.

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

Speakers

Eminent and distinguished professionals from relevant fields will be delivering invited lectures. The Conference would be providing an interactive environment for useful discussions.

Dates & Deadlines

Submission of Abstract	: February 14, 2025
Provisional acceptance	: February 19, 2025
Submission of full text	: February 25, 2025
Final acceptance	: February 28, 2025

The Conference Venue :

**Novotel,
Varun Beach, Vishakhapatnam (Vizag), Andhra Pradesh - 530023**



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 in the souvenir. (2) All sponsorship delegates will be provided lodging & Boarding facilities in an Executive Room on Single occupancy basis

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 3nights (19th, 20th & 21th March 2025) in the Hotel
- (3) Single occupant may accommodate his/her spouse @ 5000/-extra for all 3 days.
- (4) Check-in 19thMarch 2025, 3.00PM onwards& Check-out 22ndMarch2025, 10.00AM.
- (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%

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

Program Schedule

19 th March 2025	3.00PM onwards	Hotel Check-in. (Check-in before 3.00 PM is not allowed)
	7.30 PM onwards	Inaugural Function followed by cultural program
20 th March 2025	10.00 AM to 11.30 AM	Technical Session -I
	11.30AM to 01.00PM	Technical Session-II
	01.00PM to 02.00PM	Lunch
	2.00PM to 3.30PM	Technical Session -III
	3.30PM to 5.00PM	Technical Session -IV
	7.30 PM Onwards	Cultural Program
21 th March 2025	9.00AM to 10.30AM	Technical Session-V
	10.30AM to 2.00PM	Technical visit to 25 MW Floating Solar at NTPC Simhadri Power Plant.
	02.00PM to 03.00PM	Lunch (Near Simhadri)
	03.00PM to 05.30 PM	Technical visit to Sea Water Treatment Plant (Low-carbon desalination plant utilizing waste heat from the Thermal Power Plant flue gas.
22 nd March 2025	09.30AM to 10.30AM	Feedback & Valedictory
	11.00AM	Hotel Check-out.

Correspondence

All correspondence should be addressed to

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