

राष्ट्रीय संगोष्ठी *National Conference*

Future Scenario and Challenges of Indian Power Sector

Organized by



राष्ट्रीय विद्युत प्रशिक्षण प्रतिष्ठान
National Power Training Institute
(Ministry of Power, Govt. of India)
Eastern Region : Durgapur

In association with



पूर्वी क्षेत्रीय विद्युत समिति
Eastern Regional Power Committee (ERPC)
Central Electricity Authority

&



पूर्वी क्षेत्रीय भार प्रेषण केन्द्र
Eastern Regional Load Despatch Centre
Power System Operation Corporation Limited

9th & 10th January 2020

At

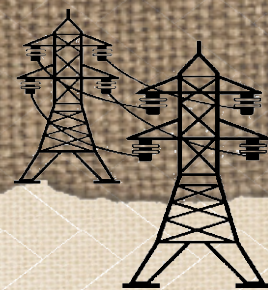
The Hotel Vivanta, Kolkata

Supported by:





Future Scenario and Challenges of Indian Power Sector



Theme of the conference

Indian Power Sector has achieved a significant growth over the years since independence and presently has ranked 3rd position in terms of production and consumption and 5th position in terms of installed capacity. This feat has been made possible with the enactment of Electricity Act, 2003, which has created a conducive environment to promote private sector participation and competition in the sector by providing a level playing field. This has led to massive investment in Generation, Transmission and Distribution areas.

In order to meet the challenges of ever growing electricity demand and to provide clean energy in future, all efforts are being taken to harness the significant potential of generation from renewable energy sources replacing thermal power across the country. Expanding the renewable base also requires adequate investment in grid modernization. The growing commercialization of battery energy storage systems and sharp reduction in capital cost of renewable energy technologies have helped countries look beyond conventional sources of power generation. The transmission companies have also been gearing up for technology adoption for a more secure and reliable grid. Implementation of smart grids with advanced information and communication technology will enable real time power flow information on the reliable distribution networks and greater interaction between suppliers and consumers. Open Electricity Market has given a new paradigm shift the way power is generated, transmitted and distributed. Installation of FGD(Flue Gas Desulphurization) system in the existing and upcoming thermal power plants to curb SO_x emissions has gained pace Hence, our priority in future scenario is to provide clean energy to future generation in a bigger way.



Conference coverage-Salient points

National Electricity Plan - Present & Future Scenario	FACTS & HVDC
AGC and Flexible Operation of Thermal Power Station	Distribution System Upgradation : Smart System Environment
Implementation of FGD for improvement in operational parameters	Restoration of Odisha Power Distribution System - Post " PHANI Cyclone "
Challenges and Issues in Integration of Renewable Energy Systems (RES) in to the Grid	Emerging Power Market in India - Power Trading and Power Exchange
Green Energy Corridor	Commercial Implication in Implementation of FRAS, RRAS, SCED and AGC
URTDSM (Unified Real Time Dynamic State measurement)	Deviation Settlement Mechanism & Regulatory Affairs
Energy's Future-Battery Storage Technologies.	e-mobility : The Inevitable Transition



Call for papers

Paper on the above theme are invited from interested professionals, organization, manufacturers, agencies etc. Authors are requested to send abstract & full text of their paper (soft copy) in 12 points in Times New Roman font with single line spacing for publication in the proceedings cum souvenir.

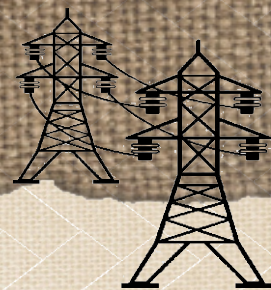


Methodology

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. Authors interested in presenting their papers on the theme may please send an extended abstract to email : nationalseminar.nptier@gmail.com



Future Scenario and Challenges of Indian Power Sector



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Speakers

Eminent and distinguished professionals as well as notable personalities from Power & Allied sector who are actively involved in regulatory affairs, Generation, Transmission, Distribution and Renewable Energy Sector, Research will be delivering invited lectures. The conference would be providing an interactive environment for useful discussions.



Dates & Dead lines

Submission of Abstract	:	13-12-2019
Final acceptance	:	23-12-2019
Submission of full text	:	27-12-2019



The Conference Venue

The Hotel Vivanta, Kolkata

EM Bypass, Kolkata (West Bengal)



Sponsorship

Platinum Sponsorship -	Rs. 5.00 Lacs + GST as applicable (10 delegates Complimentary)
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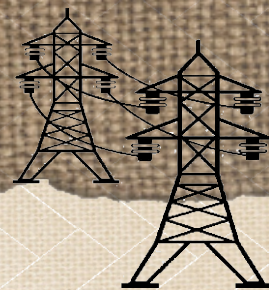
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IPDS
INTEGRATED POWER DEVELOPMENT SCHEME
Making Power Smart



Future Scenario and Challenges of

Indian Power Sector



Registration Fees (Non Residential)

Category	Fees*
Individual Delegate	Rs. 14,000/- For individual
Group Registration	Rs. 35,000/- (For 3 delegates)
	Rs. 55,000/- (For 5 delegates)
Faculty / Research Scholars	Rs. 7000/- (Limited Seat)

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Schedule

Day 1		
Registration	:	9.00 AM-10.00 AM
Inauguration	:	10.00 AM-11.00 AM
High -Tea	:	11.00 AM-11.30 AM
Technical Sessions-I	:	11.30 AM- 1.45 PM
Lunch	:	1.45 PM - 2.30 PM
Technical Sessions-II & III	:	2.30 PM - 5.30 PM

Day 2		
Technical Session IV	:	10.00 AM-11.30 AM
Tea Break	:	11.30 AM -11.45 AM
Technical Sessions-V	:	11.45 AM - 1.30 PM
Lunch	:	1.30 PM - 2.15 PM
Technical Sessions - VI	:	2.15 PM - 4.45 PM
Feed back & Valedictory Session	:	4.45 PM - 5.30 PM

Mode of Payment

All payments should be made through Demand Draft drawn in favour of "**National Power Training Institute**" payable at **Durgapur** on any nationalized bank. Payment can also be done through ECS. Details are as follows:

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Contact

Sh. Dipak Pandit
Dy. Director, NPTI(ER)
Durgapur (W.B.)
M : 9732254926

Smt. A. Indira
Dy. Director, NPTI(ER)
Durgapur (W.B.)
M : 9932271423

Sh. B. Sarkhel
Consultant, ERPC
Kolkata, (W.B.)
M : 9875363724

Sh. Surajit Banerjee
General Manager, ERLDC
Kolkata (W.B.)
M : 9433041823

Website : Latest information of the Conference shall be posted at [http://: www.nptidurgapur.com/www.npti.gov.in/www.erlhc.org](http://www.nptidurgapur.com/www.npti.gov.in/www.erlhc.org).

Correspondence

All correspondence should be addressed to

S. K. SRIVASTAVA

Director

National Power Training Institute (Eastern Region)

Ministry of Power, Govt. of India

City Centre, Durgapur-713216

E-mail : nationalseminar.nptier@gmail.com



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