

Chair Person :

Professor (Dr.) R.K. Pandey, Director General, NPTI

Advisory Committee :

1. **Shri Jayanta Barkakati**, CMD, Tripura State Electricity Corporation Ltd. & Tripura Power Generation Ltd.; Former CMD, NEEPCO & Chairperson, AERC.
2. **Shri S. Borgohain**, Director (Personnel), NEEPCO.
3. **Shri V.K. Singh**, Director (Tech.), NEEPCO.
4. **Dr. D. R. Das**, Advisor, MNRE, Guwahati.
5. **Professor (Dr.) J.N. Roy**, ATDC & SESE, IIT, Kharagpur.
6. **Professor (Dr.) P. Mahanta**, Centre for Energy, IIT, Guwahati.
7. **Shri Dilip Kr. Sarma**, Former E.D., PGCIL, NER.
8. **Shri N.C. Deka**, Former M.D., AEGCL.
9. **Shri K.C. Bhattacharya**, Former Project Director, (NE-SAC) - ISRO; Former Advisor Govt. of Tripura & Advisor AMTRON, Govt. of Assam.

Convener :

Shri S.V. Malpe, Director/HOI, NPTI-NER, Guwahati.

Co-ordination & Technical Committee :

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| 1. Shri M.K. Jha , Asstt. Prof. | 2. Shri Prabhas Ankuri , Asstt.Prof. |
| 3. Shri M.I. Singh , Asstt. Prof. | 4. Shri Bikram Baruah , Asstt. Prof. |

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For updates & additional informations please visit our website www.nptinseminars.in



2 Days National Seminar on

RENEWABLE ENERGY GENERATION, INTEGRATION, FORECASTING ISSUES & ROLE OF SMART GRID

Date : 8th and 9th December, 2016

Venue :

**Radisson Blu Hotel,
National Highway - 37,
Gotanagar, Guwahati – 33**



ORGANISED BY :

**NATIONAL POWER TRAINING INSTITUTE
NORTH EASTERN REGION
(UNDER MINISTRY OF POWER, GOVT. OF INDIA)**



About NPTI :

National Power Training Institute (NPTI) has been set up by the Govt. of India under Ministry of Power to function as the National Apex Body for Human Resource Development of Indian Power Sector. The corporate office of NPTI is located at NPTI Complex, Sector -33, Faridabad (Haryana). It is operating on all India basis through its regionally located Institutes at Guwahati, Nagpur, New Delhi, Durgapur, Neyveli, Bangalore and Nangal. NPTI has more than 50 years of professional expertise in the field of training and HRD in power sector with industry specific technical interface. It is the only institute of its kind in India catering to the power and allied energy sector and having pan india presence.

Objective :

Under the Leadership and Vision of Honourable Prime Minister and Honourable Power Minister, Govt. of India, 175 GW of renewable energy will be installed by the end of year 2022, resulting in paradigm shift in energy mix scenario of the country. Solar Energy with its contribution of 100 GW will be a game changer in years to come. With more than 300 sunny days, Solar power is one of the best solutions for India's growing power needs. Renewable energy in the form of Rooftop, Solar Thermal, Wind, Biomass, Solid waste etc. and micro grid will be posing challenges to Indian Grid Operator. We believe SMART GRID will provide the answers.

Keeping in view the above facts NPTI-NER, Guwahati is organizing a two days National Seminar which is intended to provide the participants a forum to understand intricacies in integration of Renewable Energy in Grid, by sharing information and experiences of experts in this area so that the 175 GW R.E. target will be effectively met. The deliberations in the seminar would greatly benefit the participants.

Theme/Contents :

- Renewable Generations – Sources – Hydro, Solar, Wind etc.-Present Status
- Solar Rooftops (SPV) – Challenges and Technical Issues
- Conversion Issues of SPV, Storage Batteries
- R.E. Installation, Testing Issues
- Smart Grid future for sustainable economic and secure electric supply.
- 21st Century Electric Grids – Evolving Trends – National Smart Grid

Program Methodology :

The program will be conducted in interactive environment providing greater scope for discussions. Emphasis will be on highly participative style of learning. Participants are encouraged to present case studies, paper also.

Speakers :

Eminent experts from Renewable Energy Sector, Electricity Regulatory Commissions, Central & State Power utilities shall be invited to share their experiences by way of paper presentations and discussions during the seminar.

Who May Attend :

The program is meant for Executives & Practicing Engineers in commercial & O&M wing from government & private sector utilities in the field of Generation, Transmission & Distribution, Regulatory Bodies, Academics, Researchers to have a thorough understanding on Renewable Energy Generation, Integration, Forecasting Issues & Role of Smart Grid.

Registration Fees :

Registration Fees is Rs. 10,000/- (Rupees Ten Thousand only) per delegate (Non Residential) by Demand Draft/ECS in favour of "National Power Training Institute – NER" payable at Guwahati which includes cost of seminar kit, study material, working lunch and tea etc.

Last Date of Registration :- Nominations may please be communicated by phone /fax /email latest by 2nd December, 2016.

Sponsorship :

Organizations willing to enhance their presence in the seminar and support the event for its success may choose the benefit of sponsorship.

Platinum Sponsorship : Rs. 2 Lakh.

Highlighting sponsor detail at prominent places in course material and during seminar proceedings with ten free delegates (non residential).

Gold Sponsorship : Rs. 1 Lakh.

Highlighting sponsor detail at prominent places with five free delegates (non residential)

Last date for sponsorship is 30th November, 2016.