GRIDTECH 2015
5TH INTERNATIONAL EXHIBITION & CONFERENCE
New Technologies in Transmission,
Distribution, Smart Grid & Communication
April 8-10, 2015 Pragati Maidan, New Delhi, India

GRIDTECH 2015

5TH INTERNATIONAL EXHIBITION & CONFERENCE

New Technologies in Transmission, Distribution, Smart Grid & Communication

April 8-10, 2015
Pragati Maidan, New Delhi, India

Focus on Smart Grid + Renewable & Power Quality

Organised by
पावरग्रिड
POWER GRID CORPORATION OF INDIA LIMITED

Supported by
सत्यमेव जयते
MINISTRY OF POWER
Government of India

NEW DELHI
ISO 9001:2008
CENTRAL BOARD OF IRRIGATION & POWER

In Association with
ieema
your link to electricity
INDIAN ELETRICAL & ELECTRONICS MANUFACTURES ASSOCIATION

GRIDTECH 2015

GRIDTECH is an international Exhibition and Conference which provides a platform to manufacturers/ suppliers/ academicians/consultants to showcase their State-of-the-Art technologies and products in the field of Transmission, Distribution, Renewable Energy Integration, Smart Grid, Communication etc. This biennial international event along with concurrent conference provides a unique opportunity for the power utilities, planners, policy makers, regulators, manufacturers, research institutions, academicians, consultants etc. to get exposed to emerging technologies in the above fields for various applications.

Need For New Initiatives

Indian economy is expected to lead the 21st century global economy and electricity is a key input for overall growth. In this endeavor, availability of uninterrupted quality power supply at affordable price while meeting the environmental norms is a challenge. Government of India is committed to ensure 24 X 7 supply of power to all by 2019.

To meet the estimated fivefold increase in electricity demand (500 GW) over next two decades, Government has made out ambitious targets to increase generation capacities. More than 70% of present electricity demand is met through fossil fuels. Government is giving tremendous impetus to the increased energy contribution from renewable resources. With the 32GW of installed renewable generation capacity, present penetration of renewable capacity is about 13%, which is expected to reach to about 30% by 2030. Increasing penetration of highly intermittent & variable renewable energy sources as well as decentralized distributed generation (DDG) presents various challenges in its grid integration.

Energy resources and load centers are wide spread across the country and mostly located away from each other. Considering the gigantic capacity addition plans with both through conventional as well as renewable generations which are mainly distributed in nature, to ensure delivery of most perishable commodity to the end consumers, development of exhaustive high capacity as well as flexible transmission and distribution system along with sophisticated sensing, monitoring and control system are essential to address various issues.

Towards this, latest technological development in the field of transmission, distribution, intelligent devices, information and communication technology, high speed computing, visualization etc. can play a vital role. New technologies in the form of WAMs, FACTs, VSC based converters, High Temperature Super Conductor Line, fault current limiter, O&M techniques, distribution, dynamic reactive compensation, flexible resources including energy storage, Advanced Metering Infrastructure, Demand side management/demand response, and other Smart Grid functionalities etc. are being progressively adopted throughout the power supply value chain and further new technologies need to be continuously explored in this endeavor.

GRIDTECH 2015 : 5th International Exhibition and Conference

With the above perspective, POWERGRID with the support of Ministry of Power and in association with CBIP and IEEMA is bringing its 5th International Exhibition and Conference GRIDTECH 2015 from 8th to 10th April 2015 at ITPO, Pragati Maidan, New Delhi on new technologies in Transmission, Distribution, Renewable Energy Integration, Smart Grid, Communication etc. The exhibition and the concurrent summit will be an excellent global networking opportunity for exhibitors, visitors and delegates. It will provide an opportunity for all companies to showcase their expertise in various domains of power sector & technology know-how for their awareness, appreciation and benefit of overall public sector as well as help them to identify business opportunities in the electricity market in India and abroad.

The event shall be attended by the International/National manufacturers, students, utilities, planners, policy makers, investors, consultants, academicians, research institutions etc. It would also provide an opportunity to the exhibitor to launch new technology product, for which a well equipped presentation room shall be made available.

Parallel to the GRIDTECH Exhibition, two concurrent conferences for 2 day each have also been planned on 8th and 9th April, 2015 focusing on State-of-the-Art Technologies and emerging trends in the field of T&D, Renewable Energy Integration, Smart Grid & Communication etc.

Exhibition

The exhibition shall be held on 8th-10th April 2015 at Hall No. 8, 9, 10 & 11 ITPO, Pragati Maidan, New Delhi, India.





INTERNATIONAL EXHIBITION & CONFERENCE ON NEW TECHNOLOGIES IN T&D, SMART GRID, RENEWABLE ENERGY INTEGRATION AND COMMUNICATION

EXHIBITION

Date : 8-10 April, 2015

Venue : Hall No. 8, 9, 10 and 11 at India Trade Promotion Organisation (ITPO), Pragati Maidan, New Delhi

Space Booking : Minimum size of the stall will be 12 sq.m.

Stalls upto size of 20 sq.m will be of ready made (shell) type stall, above 20 sq.m can be bare or readymade type.

For built-up readymade booth, following shall be provided: Fascia, carpet, two tables, four chairs, one power plug, one dustbin and three lights for each unit of 12 sq.m. Extra furniture can be hired for which payment is to be made directly to the authorized agencies (halogen light not permitted).

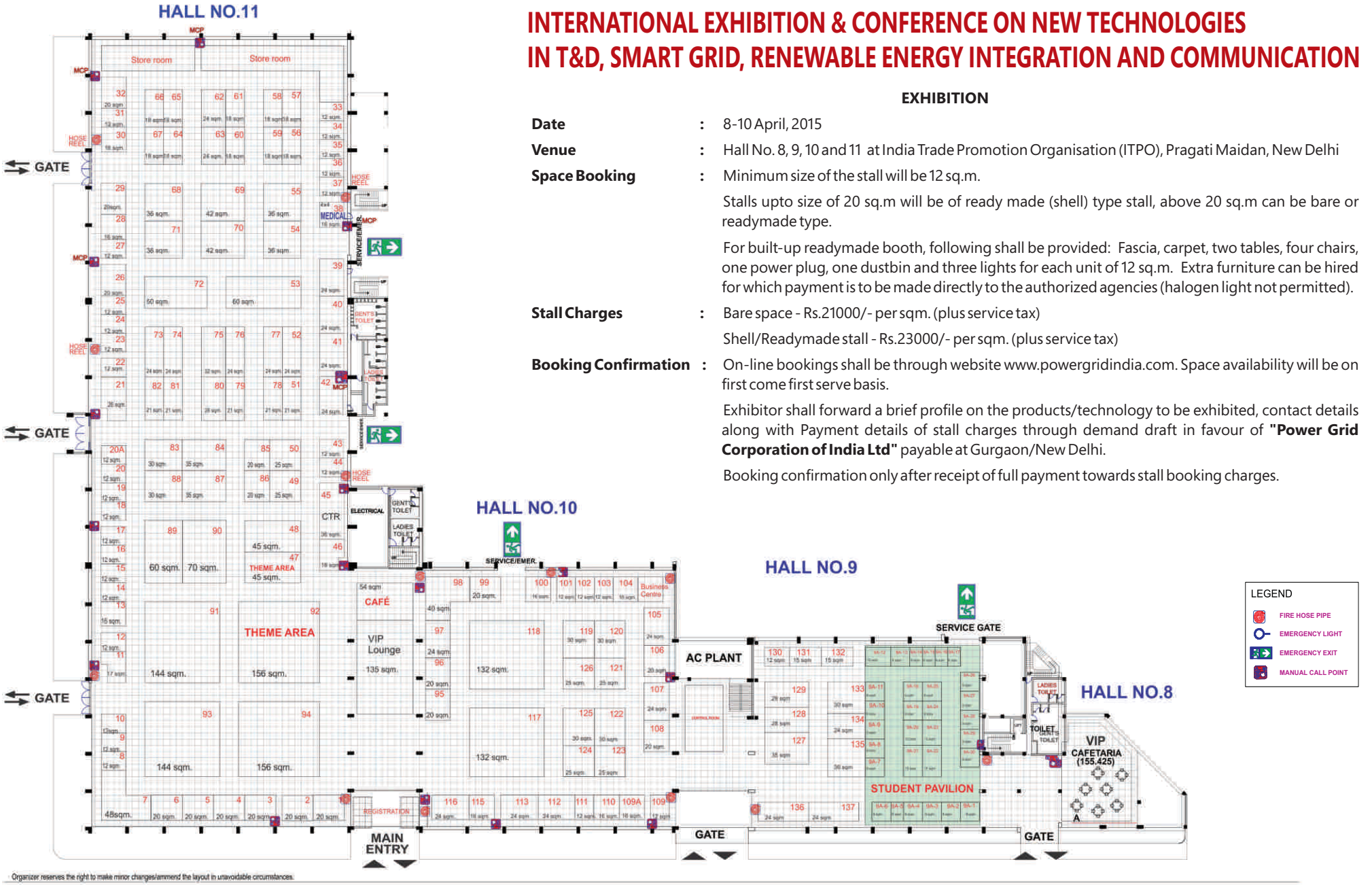
Stall Charges : Bare space - Rs.21000/- per sqm. (plus service tax)

Shell/Readymade stall - Rs.23000/- per sqm. (plus service tax)

Booking Confirmation : On-line bookings shall be through website www.powergridindia.com. Space availability will be on first come first serve basis.

Exhibitor shall forward a brief profile on the products/technology to be exhibited, contact details along with Payment details of stall charges through demand draft in favour of **"Power Grid Corporation of India Ltd"** payable at Gurgaon/New Delhi.

Booking confirmation only after receipt of full payment towards stall booking charges.



Organizer reserves the right to make minor changes/ammend the layout in unavoidable circumstances.

For more details please contact

Dr. Subir Sen, GM (SG&EE)
Power Grid Corporation of India Ltd.
"Saudamini", Plot No.2, Sector 29, Gurgaon-122 001, Haryana, India
Tel: +91-124-2571797, 2823265 | Fax +91-124-2823239, 2571809
E-mail: gridtech2015@powergrid.co.in, gridtech15@gmail.com Website: www.powergridindia.com

Pushpak Press Pvt. Ltd. Tel. 40523991-96

CONFERENCE-1

Latest Technologies in T&D, Renewable Energy Integration, Smart Grid, Energy Efficiency, Communication

Date:	**Venue:**
8th-9th April, 2015	Hall No. 7-A, B, C, ITPO, Pragati Maidan, New Delhi, India

TOPICS

- Integration of Renewable Energy sources
- Energy Storage technologies and applications
- Smart Grid in transmission; Wide Area Monitoring and protection systems
- Smart Grid in distribution; State-of-the-Art Meters and Metering System, Demand Side Integration,
- Distributed Generation & Micro Grid.
- Energy efficiency measures - transmission, distribution, industry, building, homes
- Power Quality
- Emerging Technologies in VSC/FACTS.
- Market Management System (MMS)
- State-of-the-Art Construction Technology in Transmission and Distribution
- Electricity and Communication Infrastructure
- Super conductor line, Gas Insulated line
- State-of-the-Art Control and Protection Technologies in T&D
- SF6 Filled Transformers/other New Technologies
- Short Circuit Current Limiter
- Optical CT/PT
- Robotic technology in transmission/ distribution line maintenance under live condition
- Transformer, reactor health monitoring
- Dynamic Load Monitoring

REGISTRATION FEE

Delegate fee : Rs.15000/-* per delegate

Complementary:

Author : one (1)

Delegate –

- Central/State Govt : two(2)
- Central/State Govt. Utility : two(2)
- Academic Institution : two(2)

Exhibitor –

- one(1) for space upto 50 sqm.
- two(2) for space from 51 to 100 sqm.
- three(3) for space above 100 sqm.

Note: More paid delegates permitted
**12.36% Service Tax will be extra.*

PAYMENTS

All payments are to be made through Demand Draft/ Banker's Cheque payable to "Power Grid Corporation of India Ltd." at Gurgaon/New Delhi.

CALL FOR PAPERS

Technical papers are invited for presentation/discussion during the conference. Cut-off dates for submission of papers are:

Submission of full length paper (not more than 3000 words)	:	31st January 2015
Intimation for acceptance	:	28th February 2015

For more details please contact

Dr. Subir Sen, GM (SG&EE)
Power Grid Corporation of India Ltd.
"Saudamini", Plot No.2, Sector 29, Gurgaon-122 001, Haryana, India
Tel: +91-124-2571797, 2823265 | Fax +91-124-2823239, 2571809
E-mail: gridtech2015@powergrid.co.in, gridtech15@gmail.com
Website: www.powergridindia.com

CONFERENCE-2

International Colloquium on Overhead Lines in association with CIGRE Study Committee B2.

Date :	**Venue :**
8th-9th April, 2015	Hall No. 7D, ITPO, Pragati Maidan, New Delhi, India

TOPICS

Planning of OHL

- Electrical issues (e.g. AC or DC, power transfer capacity, system stability, multi-circuit lines, earthing)
- Mechanical issues (e.g. load assumptions, insulation coordination, tower top geometry)
- Environmental issues (e.g. ROW, EMF, interaction with authorities and the public)

Equipment development

- Design and manufacturing issues, factory tests and other issues of
  - Conductors (including HTLS conductors)
  - Insulators; Fittings; Towers; Foundations;

Installation and Maintenance

- OHL Installation and field testing experience including line stringing
- Maintenance issues, including live line techniques

Operational Experience

- Transmission line operation
- Asset management issues
- Dynamic Line rating, monitoring techniques

REGISTRATION FEE

Description	SAARC Countries	Other Countries
Fee Per participant	Rs.15,000/-*	US$ 500
Fee for Accompanying person (wife/son/daughter or immediate relative)	Rs.2500/-	US$ 100

* 12.36% Service Tax will be extra for payment in INR
* 10% discount in the fee for CBIP, IEEMA and CIGRE India members

PAYMENT

All payments are to be made through Demand Draft in favour of "CIGRE India " payable at New Delhi or amount transferred/deposited to CIGRE Account No. 034601001054, (MICR No. 110229052) ICICI Bank Ltd., Bank Address: 16/48, Chanakyapuri, Malcha Marg Shopping Centre, New Delhi-110021, India

CALL FOR PAPERS

Technical papers are invited for presentation/discussion during the conference. Author willing to submit papers are requested to submit papers to :

Dr. Konstantin O. Papailiou,
Chairman CIGRE SC B2 (Overhead Lines)
Email: konstantin@papailiou.ch
with a copy to CIGRE (India) on email - cbip@cbip.org

Cut-off dates for submission of papers are:

DEADLINES

Submission of full length paper to Chairman SC B2 & CIGRE India (Each paper must indicate the topics that will be addressed. The Name, Title, Company, Affliation, Email, and Full Address of the author shall also be given.)	: 31st January 2015
Notification of acceptance	: 28th February 2015

For more details please contact

Mr. V.K. Kanjlia
The Secretary & Treasurer, CIGRE India,
CBIP Building, Malcha Marg, Chanakyapuri, New Delhi-110021
Phone: +91-11-26115984/1294 Fax: 91 11 26116347
E-mail: cbip@cbip.org Website: www.cbip.org