

National Conference on
CHALLENGES IN CONSTRUCTION OF
TRANSMISSION LINES IN THE HILLY REGIONS

(Under the aegis of CIGRE NSC B2 on Overhead Lines)

29 - 30 November 2018, Shimla



Shri Jai Ram Thakur
Chief Minister of HP

Inauguration by

**Hon'ble Chief Minister
of Himachal Pradesh
Shri Jai Ram Thakur**

Keynote Address by

**Hon'ble MPP & Power Minister
Shri Anil Sharma**



Shri Anil Sharma
MPP & Power Minister of HP

Organised by



Central Board of
Irrigation & Power



CIGRE-India

Co-organiser



Himachal Pradesh Power
Transmission Corporation Ltd.

ANNOUNCEMENT

The Central Board of Irrigation and Power (CBIP) has been organising workshops/conferences in various regions of the country. The matter regarding organisation of conference at Shimla was discussed with Himachal Pradesh Power Transmission Corporation Limited (HPPTCL) and joint decision has been taken between HPPTCL & CBIP to organise a National Conference on “Challenges in Construction of Transmission Lines in the Hilly Regions” at Shimla for the benefit of Professionals in the Northern Region including the Engineers belonging to HPPTCL.

Accordingly CBIP jointly with CIGRE-India and HPPTCL is organizing a National Conference on “Challenges in Construction of Transmission Lines in the Hilly Regions” on 29 - 30 November 2018 at Hotel Peterhoff, HPTDC Chaura Maidan, Shimla, Himachal Pradesh.

PROGRAMME OVERVIEW

Electricity sector in India is growing at rapid pace. During the current year 2018-19 (Upto August' 18), the Peak Demand is about 172.4 GW and the Installed Capacity is 344.7 GW with generation mix of Thermal (64.3%), Hydro (13.2%), Renewable 20.5%) and Nuclear (2.0%).

An extensive network of Transmission lines has been developed over the years for evacuating power produced by different electricity generating stations and distributing the same to the consumers. Depending upon the quantum of power and the distance involved, lines of appropriate voltages are laid. The nominal Extra High Voltage lines in vogue are ± 800 kV HVDC & 765kV, 400 kV, 220 kV, 132 kV and 66 kV AC lines. These lines have been installed by all State Power Utilities including those in Central Sector.

5179 circuit kilometres (ckm) of transmission lines have been commissioned during 2018-19 (April-July'18). This is 22.9% of the annual target of 22647 ckm fixed for 2018-19. Similarly, 21030 MVA of transformation capacity of substations has been added during 2018-19 (April-July'18) which constitutes 33.6% of the annual target of 62600 MVA fixed for 2018-19. The capacity of transmission system of 220 kV and above voltage levels, in the country as on 31st July 2018 was 396149 ckm of transmission lines and 825488 MVA of transformation capacity of AC Substations

PROGRAMME PROFILE

India is a vast country with varied geography & topography having wide range of weather conditions across different parts. Himachal Pradesh State in the Northern part of India is geographically and climatically a peculiar region.

Himachal Pradesh Power Transmission Corporation Limited (HPPTCL) is developing transmission systems for hydro projects in the state of Himachal Pradesh. While developing this system HPPTCL and its contractors has encountered several problems and evolved solutions for those problems which are likely to be discussed with the participants of other utilities and other experts in the field. There are number of issues wherein a brainstorming session and exchange of ideas shall help various utilities for the optimization and development of the system in these states.

The following are the areas which are likely to be deliberated in the conference which pertain to various issues & problems faced during construction of lines, various options available which will certainly help HPPTCL & other utilities during construction activities in hilly regions.

Transmission Lines

1. Corridor Requirement & constraints
2. Construction Challenges in Hilly areas
3. Tower & Foundation designs for heavy Ice loading areas
4. Slope stability, landslide, avalanche issues & solutions
5. Unequal leg/ chimney extensions for optimization of benching & revetment.
6. Earthing in hilly/rocky terrain
7. Patrolling & inspection of locations
8. Online monitoring of transmission lines

The aim of the conference is to provide a forum for open discussions and exchange of information on the latest state of-the-art technology as it is very necessary for the professionals to capture the latest knowledge and innovations so as to keep the pace with the advancement taking place in this sector. The accentuation of the knowledge of the professionals in this region is going to ensure better performance of Power System.

PARTICIPANTS PROFILE

Executive from Power Utilities, Corporations, State Govts./ SEBs/ Researchers/ Academics, Manufacturers, Planners, Operators, Consultants, Electrical Contractors etc.

PRESENTATIONS BY EXPERTS

Eminent experts from POWERGRID, CEA, HPPTCL on the subject have been invited to deliver expert lectures during the Conference. However, Experts who desires to make presentations/case studies on the above subject are requested to furnish the write-ups to reach CBIP office latest by 30th October 2018.

REGISTRATION FEE

Registration fee for the delegates is as follows:

(i) Rs. 12,000/- per participant.

(ii) Discounted Fee for the CBIP and CIGRE members will be Rs. 10,000/- per participant.

GST @ 18% shall be charged extra. GST No. 07AAAJC0237F1ZU

The Registration fee covers the registration kit, tea/coffee/lunch during the conference. The Conference is non-residential. Participants will have to make their own arrangement for travel, boarding and lodging, etc. All payments be made through DD/ cheque at par in favour of 'Central Board of Irrigation & Power', payable at Delhi or amount deposited/ transferred to CBIP A/c no. 00031110004411, MICR No. 110240001, HDFC Bank, Swift Code : HDFCINBBDEL, IFSC: HDFC 0000003, Address: 209-214, Kailash Building, 26 Kasturba Gandhi Marg, New Delhi – 110001

SPONSORSHIP OPPORTUNITY

The Conference provides an effective opportunity for sponsoring companies to promote their products/services to a focused audience, besides networking with engineers of utility, manufacturers and academic institutions during tea/ coffee and lunch intervals. Sponsors are assured of full visibility with printing of their names on proceedings, banners and other publicity material related to Conference and will have the privilege of distribution of their product's pamphlets/ catalogues during the Conference. Sponsors will also have the privilege of sending delegates exempted from payment of registration fee as indicated hereunder:

Category of Sponsorship	Fee in Rs.	Privileges
Platinum Sponsor	3,00,000	<ul style="list-style-type: none">• Display of Logo on Main banner & other publicity material• Free Delegates in the Conference (10 Nos.)• Free editorial in the proceedings (2 pages)• Advertisement in Proceedings• Table space for display of services at the venue
Gold Sponsor	2,00,000	<ul style="list-style-type: none">• Display of Logo on Main banner & other publicity material• Free Delegates in the Conference (06 Nos.)• Free editorial in the proceedings (1 page)• Advertisement in Proceedings• Table space for display of services at the venue
Silver Sponsor	1,00,000	<ul style="list-style-type: none">• Display of Logo on Main banner & other publicity material• Free Delegates in the Conference (03 Nos.)• Advertisement in side Proceedings

For further details, please contact the Conference Secretariat.

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REGISTRATION FORM

(To be filled in block letters preferably)

Delegate _____

(Surname)

(First Name)

Designation _____

Name of Organisation _____

Mailing Address _____

City _____

State _____ PIN _____

Phone _____ Fax _____

E-mail _____

Dated _____

Signature _____

CONFERENCE SECRETARIAT

Shri V.K. Kanjlia, *Secretary*

Shri P.P. Wahi, *Director*

Central Board of Irrigation and Power

Malcha Marg, Chanakyapuri, New Delhi 110 021

Tel : 91-11-26115984/26116567 Fax: 91-11-26116347

Nodal Officer at Shimla

Shri Kaushlesh Kapoor

General Manager (CD)

Himachal Pradesh Power Transmission Corpn. Ltd.

E-mail : gmcd@hpptcl.in Mob: 9418086255

Registration Form, duly filled in, is to be mailed to the following address:

Contact Person : Shri Vishan Dutt, Chief Manager, (Tech.)

M: 9811431554

Email : vishandutt@cbip.org

Web-site: <http://www.cbip.org>

Note:

- Photocopies of the registration form can be used for additional requirements, if any.
- Spot registration facilities will also be available, provided the prior information is received.