



WORK SHOP ON EMERGING TRENDS IN TRANSMISSION LINE MAINTENANCE

September 22, 2017 (1 Day)



Organised by:

**NATIONAL POWER TRAINING INSTITUTE
HOT LINE TRAINING CENTRE**

**26th K.M., KANAKAPURA MAIN ROAD, SOMANAHALLI GATE,
OPP. APS ENGINEERING COLLEGE, BANGALORE – 5600116.**

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About the work shop:

The fast developing Power System Network calls for least interruption in Power Supply and increased system security. Efficient operation and maintenance of existing and expanding Power System networks, which play a vital role in shaping the economy of any country, necessitated adoption of specialized techniques for the maintenance of power transmission and distribution lines. As the country's demand for power is ever increasing, to meet this demand government of India and state governments are taking steps to increase the generation of power by conventional and renewable clean energy along with implementation of smart grid, SCADA & AMI etc. in distribution for reducing the AT&C losses. The workshop offers direct benefit to the organizations involved in maintenance of transmission lines by reducing the number of outages and duration of shutdowns. The workshop will enhance the participants with the information of maintenance on transmission lines effectively which is a basic necessity to execute works on Live EHV transmission lines & switchyards.

Topics to be covered:

1. INTRODUCTION TO TRANSMISSION LINES.
2. CAUSE FOR FAILURE OF TRANSMISSION SYSTEM.
3. TYPES OF TRANSMISSION LINE MAINTENANCE TECHNIQUES.
4. PRACTICAL APPROACH TO TRANSMISSION LINE MAINTENANCE.
5. SAFETY ASPECTS IN TRANSMISSION LINES MAINTENANCE.
6. APPLICATION OF DRONES IN TRANSMISSION LINE MAINTENANCE.

Who should attend?

1. Workshop is directed towards Executives from Transmission Companies like Executive Engineers, Asst. executive Engineers, Asst. Engineer and Jr. Engineers from power utilities, Research Scholars, Students & faculties of Academic Institutions, Manufacturers of Power Equipment, Operation & Maintenance engineers, Consultants.
2. This workshop is aimed at understanding new Technique for Transmission Line Maintenance personnel of O & M Department of **TRANSMISSION COMPANIES** of State power utilities.

Registration fee:

The registration fee for the delegates is as given below.

1.	Residential (in campus Non A/c Rooms On twin Sharing Basis)	Rs.4000/- + service tax Rs. 720/- = Rs. 4720/-	Fee includes boarding and lodging charges, Working Lunch & refreshment.
2.	Non Residential	Rs. 3750/- + Service tax Rs. 675/- = Rs.4425/-	Fee includes working lunch and refreshment.

The Registration fee shall be drawn in favour of "Director, Hot Line Training Centre" payable at "Bangalore."

Travel: Participants have to make their own travel arrangements.

About NPTI / HLTC:

Hot Line Training Centre (HLTC) located at Bangalore, is the oldest Institute under National Power Training Institute (NPTI). It is the only one of its kind in South Asia. Established in 1958, training at HLTC enables trained personnel to attend to maintenance works on Transmission Lines and Switch Yards without power interruption. Since its inception HLTC had trained more than 5500 personnel including participants from Sri Lanka, Oman and Afghanistan in the field of Live Line Maintenance Techniques.

HLTC imparts training on Live Line Maintenance of EHV Lines & Switch Yards, Punctured Insulator Detection, Live Line Insulator Washing etc. All the Power utilities of India and abroad can make use of these training facilities.

Hot Line Training Centre(HLTC) has been imparting Live Line Maintenance Training on Transmission Lines, Switch Yards etc., using Hot Stick Method and Bare Hand Method since 1958. It has an established name in the Indian power sector & among countries of SAARC and Middle East.

History

For supply of Power without interruption to the consumer, Transmission Lines and Switch Yards must be Maintained without taking outage. Hence the need of well trained Personnel to undertake Maintenance on Live Transmission Lines and Switch Yards, HLTC was set up under CWPC in the year 1958 - one unit each at Peenya, Bangalore and Ganguwal, Punjab. HLTC was brought under CEA in the year 1974. Inauguration of the HLTC at its Somanahalli complex was held in the year 2000. With effect from 1st April 2002, HLTC was merged with National Power Training Institute (NPTI) (An Apex body for Training) which is ISO 9001:2015 Organisation under Ministry of Power, Government of India.

Scope of Training

Live Line Maintenance Technique (LLMT) using Hot Stick Method (HSM) up to 220kV in the Year 1974.

Bare Hand Method (BHM) of training on 400 kV was introduced in the Year 1997.

Training Courses

Live Line Maintenance Techniques (LLMT) using Hot Stick Method (HSM) up to 220kV.

Live Line Maintenance Techniques (LLMT) using Bare Hand Method (BHM) up to 400kV

Switch Yard Maintenance up to 400Kv.

Live Line Insulator Washing (Onsite Course).

Live Line Testing of Punctured Insulator Detection.

Awareness Course for Executives on Hot Line Activities.

Registration form shall be sent by Email / Fax / Post

Sh. Prakash, Asst. Director (Trg)

(Programme co-ordinator)

Email: hltc_npti@vsnl.net , Prakash.npti@gov.in

Mob: +91-9964560111

National Power Training Institute,

(Under ministry of power, Govt. of India)

Hot Line Training Centre,

26th K.M. Kanakapura main road,

Udayapura Post, Bangalore- 5600116.

Office Ph: 080- 28432212,053 Tele Fax: 080- 28432596

MORE THAN FIVE DECADES OF SERVICE TO POWER SECTOR

National Power Training Institute, (Under ministry of power, Govt. of India)

Hot Line Training Centre, 26th K.M. Kanakapura main road, Udayapura Post, Bangalore- 560116.

REGISTRATION FORM

“ONE DAY WORKSHOP ON EMERGING TRENDS IN TRANSMISSION LINE MAINTENANCE”

VENUE: HLTC, Bangalore

www.hltc.in

DATES: 22 September, 2017

Mr. Ms. Mrs. Dr. Prof. Others(Please Specify) _____

Full Name of the Participant: _____

Designation _____ Nationality _____

Full address of Organization _____

_____ (For Correspondence)

Country: _____ ZIP/PIN Code: _____

Phone/Fax Nos.: (Please Mention Country & STD Code)

Office: _____

Fax: _____ Mobile/Cell: _____

E-mail: _____

Nominated by:

Contact Details:

Mobile No: _____ Phone No: _____ E-mail: _____

Present area of Responsibility:

Enclosed Demand Draft No: _____ dated _____ for Rs. _____ drawn on
_____ bank towards delegate fee drawn in favour of “Director, Hot Line Training Centre ”
payable at “Bangalore.”

Date: _____

Signature: _____

Sh. S.Prakash , Asst. Director (Trg) (Programme co-ordinator)

Email: hltc_npti@vsnl.net , Prakash.npti@gov.in

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Kindly use separate form for each participant, photo copies of registration form is acceptable.