



INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN EHV SWITCHGEAR

20th April 2007

Hotel Taj Mahal, New Delhi, India



Organized by
Bureau of Indian Standards
In association with IEEMA and

- ABB Limited • Areva T&D India Ltd. • Bharat Heavy Electricals Ltd.
- Crompton Greaves Ltd. • NTPC Limited • National Hydroelectric Power Corpn. Ltd.
- Power Grid Corpn. of India Ltd. • Reliance Energy Transmission Ltd.
- Siemens Ltd. • The Tata Power Company Ltd.

FOREWORD

Bureau of Indian Standards ET 08 (Sectional Committee of High Voltage Switchgear & Controlgear) in association with IEEMA and ABB, Areva, BHEL, Crompton Greaves, NTPC, NHPC, POWERGRID, Reliance Energy Transmission, Siemens, The Tata Power is organizing an International Conference on EMERGINGTRENDS IN EHV SWITCHGEAR, on 20th April 2007, at New Delhi, India.

Switchgear is a vital link in the chain of components constituting a power evacuation system. Growth of power sector in India and increasing expectation of stake holders and consumers have put pressure on switchgear engineers for providing solutions that offer highest level of reliability & availability at the most optimum cost. The impact of technology on environment has also attracted the attention of the switchgear designers and users. The optimum utilization of the scarce space available necessitating compactness of the sub station with easy functionality and safety also needs attention.

These challenges have been well accepted by the switchgear engineers and a lot of development has taken place world over. Taking cognizance of India's vast development of power system, IEC has agreed to hosting of IEC SC 17A & SC 17C meeting by India in New Delhi in April 2007. This meeting shall be attended by eminent experts from the world over in the field of switchgear engineering.

This International conference on "EMERGINGTRENDS IN EHV SWITCHGEAR" to be held on 20th April 2007 has been coincided with the IEC meeting to gain advantage of presence of these internationally renowned experts in the field. The conference shall give an opportunity to the participants to share their experience and ideas besides having glimpse of new developments in the switchgear technology.

I am glad that IEC has agreed to the coinciding of the international conference on EMERGINGTRENDS IN EHV SWITCHGEAR with IEC SC 17A & SC 17C meeting. I am greatly thankful to the Chairman of the IEC SC 17A & SC 17C for extending support to this conference.

R. N. Nayak
Executive Director
Powergrid Corporation of India Ltd.
Chairman BIS ET 08

AIMS AND OBJECTIVES



International Conference on EMERGING TRENDS IN EHV SWITCHGEAR aims to provide excellent opportunities for the participants to share knowledge, experience and new ideas in the areas of EHV Switchgear and to discuss their implementation and applications in the existing and future power systems.

The major objectives of the Conference are to acquaint the Engineers from Utilities, Industries and R&D Organisations as well as Teachers and Research Engineers from Academic Institutions with the recent development as well as future trends in the field of EHV Switchgear.

The Conference is expected to be attended by more than 200 participants from India as also from other countries. Papers on the subject, & state of art technology are scheduled to be presented by internationally renowned experts at the Conference.

- **WHO SHOULD ATTEND**

Power Utilities/Corporations, Central / State Government, Policy Makers, Regulators, IPPs, Manufacturers, Consultants, Research/Academic Institutions, Contractors etc.

- **DATE AND VENUE**

The Conference will be held on 20th April 2007 at The Taj Mahal Hotel, Mansingh Road, New Delhi, India.

- **REGISTRATION**

The delegates desirous of attending the Conference are requested to pay the under mentioned registration fee.

Delegates From Countries other than SAARC Countries : US\$ 150 per delegate
Delegates From India & other SAARC Countries : INR 5000 per delegate

The registration fee covers the cost of registration kit, Conference proceedings and lunch and tea in-between technical sessions.



Papers on following topics would be presented by eminent experts :

- 1 Control Switching of Circuit Breaker for long transmission lines
Performance vis-à-vis pre-insertion closing resistors
- 2 Switchgear design and testing parameters for 1200 kV system
- 3 Residual life assessment & Refurbishment of switchgear
- 4 Issues concerning EHVAC C.B. application in HVDC installation
- 5 Application of EHV/HV C.B. for Generator Transformers/ generators of 1000MW or more
- 6 Switchgear with combined functions
- 7 Fast switching Circuit Breakers
- 8 Switchgear-Vision -2025
- 9 RAMS(Reliability, availability, maintainability and safety) & FMEA (failure mode effect analysis) for risk assessment

• **OFFICIAL TRAVEL PARTNER**

M/s SITA Destination Management is the official travel partner for the Conference. The participants are advised to contact them for any help for travel, tour, accommodation, etc., required by them. They can be contacted at the following address for the travel plan and hotel bookings.

M/s SITA Destination Management, Sita House, Presidential Business Park, C-9, Vasant Kunj, New Delhi-110070 Tel.:91-11-26121110 Fax:91-11-26121125 E-mail:sales@sitaindia.com

• **HOTEL ACCOMMODATION**

Participants of the Conference are advised to make reservation for accommodation well in advance. The participants may indicate their preference for category in the Conference Registration Form.

The hotel accommodation for delegates has been broadly classified into following categories and ranges of tariffs, as applicable at present are given below:

Category

- A) Five Star Category **Single** : US \$ 170 - 245 **Double** : US \$ 180 - 270
- B) Four Star Category **Single** : US \$ 125 - 130 **Double** : US \$ 135 - 140

The above tariff is indicative for room rent including breakfast, airport transfer and taxes only.

• **SPONSORSHIP OPPORTUNITIES**

The Conference provides an effective opportunity for sponsoring companies to promote their products/services to a focused audience, besides networking with the international experts, engineers of utilities, manufacturers etc. during tea/coffee and lunch intervals. Sponsors are assured of full visibility with printing of their names on proceedings, Backdrops behind the main Dais and other publicity material related to Conference. Sponsors 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.



Category	Sponsorship Fee		Free Delegates
	INR	US\$	
Sponsor	200,000	4,000	5 nos.
Co-sponsor	100,000	2,000	2 nos.

For further details, please contact the Conference Secretariat.

• **CALL FOR ADVERTISEMENTS**

A limited space for insertion of advertisements in the Conference proceedings is available at the following rates:

Position	Charges for Colour Advertisements	
	(INR)	(US\$)
Back Cover	50,000	1,000
Second or third cover page	30,000	600
Separators	20,000	400
Full page (260 cm x 180 cm)	10,000	200

Note : Material required: Artwork/negative/positive with back up on CD. The last date for receipt of advertisements is 28/2/2007.

ADDITIONAL INFORMATION

Visa and Custom Requirement: All visitors to India require a visa except visitors from Nepal and Bhutan. The best place to get your visa is at Indian Embassies and High Commissions in your country of residence. Please check with your nearest Indian Embassy, Consulate or High Commission for all the details for getting a visa/custom regulation. Keep your passport with you at all times. The visitors must also be in possession of onward or return journey tickets and sufficient funds and entry facilities to their onward destination.

Travel: The participants will have to make their own arrangements for travel. Prepaid Taxi Service is available at the Railway Stations and Airport. You may also contact official travel partner for any such requirement.

Banking & Communication Facilities: Foreign exchange facilities, telex, fax and phone service are available at the hotels as well as the venue of this Conference.

• **INDIA —THE HOST COUNTRY**

India is famous for its ancient culture, rich heritage and living tradition of performing arts. Its numerous art forms including folk dances, each with its own individual identity can be lively relaxation after hectic business sessions. It would set any participant on a new mission of discovery of India's sights and sound

• **NEW DELHI -THE HOST CITY**

The Capital City of modern India has behind it centuries of history, which has enriched its culture. Broad tree-lined avenues and vistas suddenly give in to narrow alleys of cobble stones - taking you to an age of kings, princes, valour and bravery. Small shops huddled together, groan under the burden of age; small "dhabas" (roadside restaurants) selling freshly prepared delicacies; a wonderful collection of curios, handicrafts, jewels and jewellery, - all within a few meters of fast-food restaurants serving everything from pizzas and hamburgers to colas and lemonades; glitzy shopping plazas; air-conditioned designer boutiques. This reflects the true spirit of New Delhi. Delhi is one of the world's best shopping centers. From handicrafts and antiques to all modern utilities — Delhi's shopping centers offer you everything under the sun. Delhi has all the modern facilities for hosting Conferences. It has a number of good hotels, which offer the best of the two worlds - international luxury combined with oriental hospitality.

• **CLIMATE**

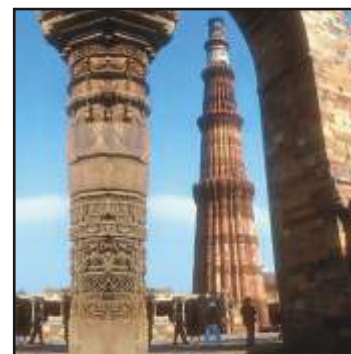
The mean maximum temperature of Delhi in the month of April is 37°C and the mean minimum temperature is 21.5°C.

• **OFFICIAL LANGUAGE**

The official language of the Conference is English.

• **CONFERENCE SECRETARIAT**

For registration, sponsorship, release of advertisement in the conference proceedings and any other information, please contact conference secretariat.



Conference Secretariat

IEEMA

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Tel.: + 91-11-23733013/14; Fax: + 91-11-23733015 Telefax : + 91-11-23733016

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Attn. : Mr. J. Pande

**International Conference On
EMERGING TRENDS IN EHV SWITCHGEAR**

20th April 2007
New Delhi, India

REGISTRATION FORM

I would like to register as delegate at the above conference

Name in Full

Designation

Name of Organisation

Address

.....

Phone No. Fax No.

E-mail

Please indicate Hotel accommodation is required YES/ NO

Category A B..... C (Any other)

Passport Details (only for foreign delegates)

Passport No. Place of Issue

Date of Issue Date of Expiry.....

Bank Draft / Cheque No..... dated for US\$/INR

drawn in favour of "IEEMA" payable at New Delhi towards registration fee is enclosed.

Dated:

Signature:

For more details please contact

IEEMA

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