

# Asset Management for Electrical Utilities: Some Basics and Recent Developments

Under the aegis of CIGRE NSC C1 on Power System Development and Economics

5<sup>th</sup> February 2021 at 17:00 Hrs. (90 Minutes)

ORGANIZER



IN ASSOCIATION WITH



TUTORIAL CONDUCTED ON



## KEY TAKEAWAYS

- Equipment focused and strategy focused aspects of Asset Management with examples
- Recent developments in improving Asset Management techniques and methodologies
- ISO55000
- Asset Performance Management (APM) tool
- CIGRE AM activities
- Asset Management maturity pyramid

**NATIONAL REPRESENTATIVE IN CIGRE STUDY COMMITTEE C1 ON  
POWER SYSTEM DEVELOPMENT AND ECONOMICS**



**Subir Sen**

Executive Director  
POWERGRID



**Santanu Sen**

Deputy General Manager  
CESC Ltd.



## CIGRE INTERNATIONAL SPEAKER MR. YURY TSIMBERG, CANADA

Mr. Yury Tsimberg is a Director of Asset Management with Kinectrics Inc. where for the last several years he has been leading corporate consulting services in Asset Management area. In this capacity he successfully completed many Asset Management projects across North America and Europe, taught Asset Management courses all over the world and was a presenter at many international industry conferences. Yury also authored and co-authored many published papers in industry magazines and forums, such as CIGRE and IEEE.

Prior to joining Kinectrics, Mr. Yury spent 30 years with Ontario Hydro and Hydro One working in various areas of the electrical utility transmission and distribution business, including Asset Management, system planning, power system operations, M&A, Regulatory, lines maintenance and customer service. In his last position with Hydro One he led a department responsible for development and implementation of corporate Asset Management strategies and methodologies.

Mr. Yury Tsimberg was Canadian member of the international panel revising PAS 55 specification, Canadian representative on North American Electrical Reliability Corporation (NERC) Committees developing North American transmission planning standards, and Canadian representative and management team member as the Asset Management Convener at CIGRE Study Committee SC1 "System Development and Economics". In 2018 he was awarded a prestigious CIGRE Technical Council Award in recognition of his outstanding contribution to CIGRE's work. At the present time Mr. Yury is a Convener of CIGRE's Working Group C1.43 "Requirements for Asset Analytics data platforms and tools in electric power systems".

Mr. Yury holds Bachelor of Applied Science and Master of Engineering Degrees in Electrical Engineering from the University of Toronto and is a Registered Professional Engineer in the Province of Ontario, Canada.

## ABOUT CIGRE AND CIGRE-India

The International Council on Large Electric Systems (CIGRE), with its Headquarters at Paris deals in the field of Transmission and Generation. It functions through 16 Study Committees formed for various disciplines of Power Systems. Each Study Committee comprises about 30 experts drawn from various countries. In addition, some more experts are members of the Working Groups/Task Forces formed by these Study Committees. It is a matter of pride that India is represented in all the 16 CIGRE Study Committees as regular member.

CIGRE (Paris) has about 14000 members from 100 countries. Wherever there are more than 40 equivalent members in any country a National Committee is formed with the following aims:

- To disseminate the technical information to the members of the national committee.
  - To propose papers for presentation at CIGRE sessions
  - To encourage membership of CIGRE
  - To organize representation in CIGRE session / symposia
- CIGRE (India) is an affiliate of Central Board of Irrigation and Power. It is the Indian National Committee of CIGRE and is a registered society. It co-ordinates the activities of CIGRE in India, through a number of National Study Committees and disseminates the information about the activities of the CIGRE Study Committees and Working Groups to various organization in India. From India there were 820 equivalent members for CIGRE in the year 2019.

### UNIQUE FEATURES OF ONLINE PRACTICAL TRAININGS

- Training with high safety of participant's w.r.t. COVID-19 as no travel & travel related cost is involved.
- Expert's Panel discussions within participants.
- Learning and working balance as our sessions are planned for 2 hours in a day.
- Well proven online platform with high cyber security.
- Live message chat, live voice chat, polls and quiz.
- Real time engagement.
- E-Certificates to the participants.

### FACILITATION CHARGES

The duration for online training will be of 1 hr. 30 min. will be for tech. session followed by 30 min. for question/answer session.

Category	Charges in INR	
	Members (CIGRE/CBIP)	Non-Members
Individual Login	1,000/-	1,200/-
Institution Logins		
Up to 10 Login	9,000/-	11,000/-
Up to 15 Login	13,000/-	15,000/-
Up to 25 Login	20,000/-	22,000/-
Students	500/- per Login	
First 25 students will be given one year membership of CIGRE to have access 10,000 Technical Reports available on e-CIGRE library.		
<b>Note: 18% GST extra for all categories.</b>		

The program is limited to 200 participants, which will be on First cum First serve basis.

## TO REGISTER

The perspective participants, desirous of attending the above training may register themselves by sending the following details to CIGRE-India along with necessary facilitation charges:

Title of Training \_\_\_\_\_; Name: \_\_\_\_\_;  
Designation: \_\_\_\_\_; Organization: \_\_\_\_\_;  
Mailing address: \_\_\_\_\_; Phone / Fax/E-mail: \_\_\_\_\_

**Note: After registration, the participants will be provided the link 1 day prior to the session. Registered participants may please contact for link to join the program at:**

**Mr. Uttam Rawat, Software Engineer, Mob: 9818981610**

**Mrs. Rohini, Office Coordinator, Mob: 8860874012**

**E-mail – [rohinitomas@cbip.org](mailto:rohinitomas@cbip.org)**

Vender Name: (GST No. 07AAAAZ0260A1Z1)

THE COMMITTEE FOR THE INTL CONF ON LHVES

Bank Name: Canara Bank, 7/48, Malcha Marg, Chanakyapuri, New Delhi-110021; Account: Saving; Bank Account No.:

0157101031491; IFSC: CNRB0000157; MICR: 110015007;

PAN: AAAAZ0260A; Swift: CNRBINBDDFS

### ADDRESS FOR CORRESPONDENCE

Sh. A.K. Dinkar, Secretary, CIGRE-India & CBIP

Sh. A.K. Bhatnagar, Director, CIGRE-India & CBIP

Nodal Officer:

Mr. Vishan Dutt, Chief Manager-Tech., CIGRE-India

Mob: 9811431554, E-mail: [vishandutt@cbip.org](mailto:vishandutt@cbip.org)

Mr. S.K. Batra, Consultant, CBIP

Mob: 9811943812, E-mail: [batra@cbip.org](mailto:batra@cbip.org)

Central Board of Irrigation & Power

Malcha Marg, Chanakyapuri, New Delhi - 110021

Phone: 011 26115984/26116567, Fax: 011 2611 6347;

E-mail: [cbip@cbip.org](mailto:cbip@cbip.org)

## JOIN CIGRE TO CONNECT WITH GLOBAL POWER SYSTEM COMMUNITY

Please Contact:-

Mr. Vishan Dutt

Chief Manager-Tech., CIGRE-India

Mob: 9811431554

E-mail: [vishandutt@cbip.org](mailto:vishandutt@cbip.org)