

Virtual Training on Standards for Smart Grid Implementation & Interoperability

Date: 29th – 30th November 2021 Timing: 15:00 IST (2 Hours)

Revised Dates

Key Speakers



A.K. Mishra
Chief Executive Officer
Energy Efficiency Services
Limited



Amarjeet Kumar
Vice Chair – IEEE 802.15.4u
Convener – Bureau of Indian Std.
(LITD28 – P1 [LMCPS])



N. Murugesan
Former Director General
Central Power Research Institute
Bangalore, India

Topics to be Covered

- Introduction and Smart Grid Basics and needs of standardization
- International Smart Grid Standardization roadmap activities
- Regulation, legislation and policies
- Standards for Communication systems
- Standards for Planning for the Smart Grid
- Standards for Power Generation
- Standards concerning transmission systems, Transmission Level Applications including Blackout Prevention / EMS
- Standards for Advanced Distribution Management & Distribution Automation
- Standards for Smart Substation Automation including Process bus
- Standards for Distributed Energy Resources
- Standards for Smart Metering and Advanced Metering for Billing and Network Management
- Standards for Smart Home and Building Automation
- Standards for Electric Storage & E-mobility including Transport
- Standards for Condition Monitoring & Renewable Energy Generation, Hydroelectric Power, Solar Energy, Wind Energy, Fuel Cell, Geothermal Energy, Biomass etc.
- Standards for Demand Response / Load Management
- Standards for Other General Requirements for EMC, LV Installation etc.
- Standards for Information security for the Smart Grid
- Introduction and Smart Grid Basics and need for Interoperability
- Methodology, new applications and Smart Grid standardization
- Interoperability terminology
- Interoperability and Standardization
- Interoperability in the Smart Grid
- Standards Identified for Implementation
- Architectural Framework
- Methodology and Use Case identification to facilitate Interoperability
- General Recommendations & Conclusion

Organizer



Central Board of Irrigation & Power
Malcha Marg, Chanakyapuri, New Delhi - 110021
Phone: 011 26115984/26116567, Fax: 011 2611 6347;
E-mail: cbip@cbip.org



Background

Central Board of Irrigation & Power (CBIP) a premier Institution, setup by GOI in 1927 is serving the nation in the disciplines of Power, Renewable Energy and Water Resources Sectors for more than 94 years.

It is an exchange and knowledge bank for dissemination of technical knowledge & professional experience to help Engineers/ Professionals to update their knowledge and gain practical know-how.

Unique Features of Online Trainings

- Training with high safety of participant's 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 per 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.

Objective

- To disseminate technical knowledge through various modes, e.g., publication of technical documents, organizing conferences /workshops.
- To provide specialized training to the professionals in the Power, Renewable Energy and Water Resources Sectors.

Address For Correspondence

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Sponsorship Opportunity

Platinum Sponsor: Rs. 50,000/-	Gold Sponsor: Rs. 30,000/-	Silver sponsor – Rs. 20,000/-
Free Login for the event: for Platinum Sponsor - up to 10 nos.	Free Login for the event: for Gold Sponsor - up to 5 nos.	Free Login for the event: for Silver Sponsor - up to 3 nos.
Speaking Slot : 10 minutes	-	-
Full visibility & wider publicity: through display of logo on the Brochure for email marketing for the virtual event, on the banner for display during the event, on the websites of CBIP/CIGRE-India.		
Sharing of data of participants: to have a chance to connect with new customers for business exposure.		
Coverage/ Publicity in Key Journal: i.e. Water & Energy Intl. Journal, which has a circulation of 10,000 to focused professionals & stakeholders.		
A4 size advt. for printing in monthly W&E Intl. journal (Special Position) single issue	A4 size advt. for printing in monthly W&E Intl. journal (Inside) single issue	-

Facilitation Charges

The duration of the online training will be of 2 days (2 hrs. on each day) out of which 1hr 30 minutes will be for tech. session followed by 30 minutes for Q/ A session.

Login fee for the participants is as follows:

Members*	Rs. 3,000/- per participant
(CBIP, CIGRE & AARO)	
Non Members	Rs. 3,600/- per participant
Students	Rs. 750/- per student

Note: 18% GST extra

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

*CPSUs, PSUs, Centre & State Utilities, Regulatory Commission, Research Institution and Key Pvt. Sector organization are member of CBIP.

To Register

The perspective participants, desirous of attending the above event may register themselves by sending the following details to CBIP along with necessary payments:

Title of event, Name, Designation, Organization, Mailing address and Phone / Fax/E-mail

Payments of facilitation charges should be made by bank transfer and cheque at par/Demand Draft drawn in favour of "Central Board of Irrigation and Power", payable at New Delhi.

Account Details for Online Payment

Account No.	00031110004411
Account Name	Central Board of Irrigation and Power
Bank Name	HDFC Bank, 209-214, Kailash Building, 26, K.G. Marg, New Delhi 110001
IFS Code	HDFC0000003
MICR No.	110240001
Swift Code	HDFCINBBDEL
GST No.	07AAAJC0237F1ZU

Note: Registered participants will get link 1 day prior to event. The Name of the event should be mentioned under subject in all the correspondence relating to this event. Also after making of the payment online in respect of the event, the details like UTR/Organization name to be furnished immediately.