

NATIONAL CONFERENCE (ONLINE) ON

# ENERGY STORAGE 'INCLUDING PUMPED STORAGE'

UNDER THE AEGIS OF CIGRE NSC

C1 POWER SYSTEM DEVELOPMENT AND ECONOMICS

C6 ACTIVE DISTRIBUTION SYSTEMS AND DISTRIBUTED ENERGY RESOURCES



## GUEST OF HONOR

**Sh. K.V.S. Baba**  
Chairman CIGRE NSC C2 &  
Chairman and Managing Director  
POSOCO Limited



## SPECIAL GUEST

**Sh. A.S. Bakshi**  
Former Member  
Central Electricity Regulatory  
Commission

### ORGANIZERS



### IN ASSOCIATION WITH

### TAKEAWAYS

- Global Perspective
- Policies & Regulatory Matters
- Technologies & Applications
- Role of Energy Storage w.r.t. Transmission and Distribution
- Business Models – Financing & Investment
- Pumped Storage – An Alternative Energy Storage

### PLATINUM SPONSOR



DATE & TIME: 29<sup>TH</sup> – 30<sup>TH</sup> JUNE 2021 @ 15:00 IST (ONLINE)

## EMINENT SPEAKERS



**Prof. Arun Kumar**  
IIT Roorkee



**Dr. Rahul Walawalkar**  
CES and IESA



**Prof. V. Ramadesigan**  
IIT Mumbai



**Sh. S.K. Soonee**  
Advisor, POSOCO



**Sh. Proboodh Mallick**  
Marubeni



**Sh. M.K. Tiwari**  
POWERGRID



**Sh. Abhishek Ranjan**  
BSES Rajdhani



**Sh. N.S. Namasivayam**  
TANGEDCO



**Sh. Rohit Uberoi**  
ANDRITZ

## TOPICS

- Energy Storage plants for quick ramping and for reactive power support as also black start in case of emergency.
  - Various Energy Storage technologies – their merits and demerits, their utility in Indian context.
  - Various Applications of Battery Energy Storage – Frequency Regulation, Energy Time Shift, Reliability, Power Quality, Energy Arbitrage, Flexibility, Ancillary Services, Investment Deferral, Batteries, Charging infrastructure for EV.
  - Policies and Regulations for Grid Scale Energy Storage.
  - Safety and Protection systems.
  - Pumped Storage Case Studies
- Eminent experts from leading organizations on the subject have been invited to deliver expert lectures during the Conference.
- Experts who desire to present paper/case studies on above topics are welcome to submit their papers by 20<sup>th</sup> June 2021 with prior information of title ASAP.

## FACILITATION CHARGES

The duration of the online training will be of 2 days (2½ hrs. on each day) including question & answer session.

<b>Login fee for the participants is as follows:</b>	
<b>Members (CBIP &amp; CIGRE)</b>	<b>3,000 per participant</b>
<b>Non Members</b>	<b>3,600 per participant</b>
<b>Students</b>	<b>750 per student</b>
<b>Note: 18% GST extra</b>	

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

**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

## SPONSORSHIP OPPORTUNITIES

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 20 nos.	Free Login for the event: for Gold Sponsor - up to 10 nos.	Free Login for the event: for Silver Sponsor - up to 5 nos.
Speaking Slot : 10 minutes	-	-
A4 size advt. for printing in monthly W&E Intl. journal (Special Position)	A4 size advt. for printing in monthly W&E Intl. journal (Inside)	-
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.		

## UNIQUE FEATURES OF ONLINE PRACTICAL 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.

## TO REGISTER

The participants, desirous of attending the above training may register themselves by sending the details i.e.

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

Payments of registration fee should be made by cheque at par/Demand Draft drawn in favour of "Central Board of Irrigation and Power", payable at New Delhi or by transfer the amount to HDFC, Bank, Address: 209-214, Kailash Building, 26, Kasturba Gandhi, Marg, New Delhi 110001. Saving Bank Account No.: 00031110004411; Swift Code: HDFCINBBDEL; IFSC: HDFC 0000003; MICR Code: 110240001. **(CBIP GST No. 07AAAJC0237F1ZU)**

## ADDRESS FOR CORRESPONDENCE

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Sh. A.K. Bhatnagar, Director, CBIP

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