

Conclave on Harnessing of Hydropower Potential (LAHAR Initiatives) – A Way Forward

16th December, 2022 (Friday)

SCOPE Convention Centre,
SCOPE Complex, Lodhi Road, New Delhi - 110 003

- No registration Fee
- Pre-registration (Online) is mandatory, Limited Seats
- Participation is based on confirmation from Organiser.

Organised by

in Association with



LAHAR MEMBERS

(Large Hydro Active Reach Out)



SJVN Limited



Central Board of
Irrigation & Power

INVITATION



N.L. Sharma
CMD, SJVN
Chairman LAHAR

Construction of Hydro Power is essential in achieving the Panchamrit targets of India by 2030. Seeing the importance of Hydro Power, Ministry of Power, Government of India has started Large Hydro Active Reach out (LAHAR) initiatives with the objective to inform the public about benefits of hydro projects and its positive impact on the socioeconomic development, at the same time allaying their fears of unfounded negative impacts.

Accordingly, with aim for initiating discussions with all stake holders for clearly identifying the constraints and find the ways for fast & early completion of hydroelectric projects, SJVN Limited on behalf of members of LAHAR (SJVN, NEEPCO, BBMB, THDC, NHPC and DVC) in association with CBIP is organizing a Conclave on ***'Harnessing of Hydropower Potential (LAHAR Initiatives) – A Way Forward'*** on 16th December, 2022 at New Delhi.

The objective of this conclave is to make the participants aware of various Issues/ problems encountered during S&I, Pre-Construction and Construction Stages of Hydro Power Projects and to discuss the solutions, mitigation measures and remedies. We have pleasure in extending a cordial invitation to individuals and institutions concerned for registration in the above important Conclave.

There is no registration fee, however, pre-registration is mandatory through online portal on CBIP/SJVN websites. Participation is based on confirmation from Organiser.

BACKGROUND

India is 6th globally in terms of Installed Capacity of large hydroelectric power (>25 MW). Presently, India's installed capacity of large hydroelectric is 46.85 GW including Pumped Storage Hydro (PSH) which is 11.5% of its total utility power generation capacity.

India's large hydroelectric power potential is about 145 GW. In addition to large hydro potential, India has potential of over 96 GW of PSH with 63 identified sites and another 19.75 GW of small hydro. Hydro has been recognized in national energy policies for its valuable grid services, removal of intermittency and variability of VREs (Solar & Wind) and other ancillary services.

As per updated Intended Nationally Determined Contribution (INDC) which are also called Panchamrit targets, India is committed to have 50% of its installed capacity from non-fossil fuel sources by 2030, and is pursuing a renewable target of 500 GW by 2030. Therefore, hydropower is highly relevant for grid integration of renewable energy and for balancing infirmities.

In view of the importance of the subject, SJVN Limited on behalf of LAHAR Members, in association with CBIP is organizing a Conclave on ***'Harnessing of Hydropower Potential (LAHAR Initiatives) – A Way Forward'*** on 16th December, 2022 at SCOPE Convention Centre, Core 8, SCOPE Complex, Lodhi Road, New Delhi 110003.

Major points for deliberations:

- i. Local issues/problems encountered and mitigation measures adopted before and during Survey and Investigation stage.
- ii. Local issues related to forest clearance and land acquisition with special focus on Gram Sabha NOCs and Resettlement and Rehabilitation (R&R) aspects.
- iii. Involvement of locals for their sense of ownership for smooth construction of Hydro Projects.
- iv. Ways for fast & early completion of hydroelectric projects.

PRESENTATIONS DURING CONCLAVE

- (a) Presentations by eminent experts on the above points.
- (b) Focused discussions with CMDs/Directors/CEO/MD of CPSUs/State Public Sector, State Government and Private Sector.
- (c) Oral Presentation of papers for 15-20 minutes each (about 12 papers on case studies & technical articles) by personnel of various Developers from CPSUs, State Public Sector & State Government, Private Sector and other prestigious institutions in Hydro Power.
- (d) Paper for oral presentation shall be selected by the Organiser. Remaining papers shall be published in the proceedings.

CALL FOR PAPERS

SJVN on behalf of LAHAR members, in association with CBIP cordially invite participants to submit papers related to the above points by 05th December, 2022. All authors are required to submit full paper for review of Organizer. Papers for oral presentation shall be selected by the Organiser. About 12 papers (preferably three each per topic) would be selected for oral presentation during Conclave. Paper should be in MS word format with content in Arial 12 size font for texts and Arial 14 size for titles. Remaining papers shall be published in the proceedings.

Papers may be submitted to Shri Vishan Dutt, Chief Manager, CBIP; vishandutt@cbip.org; M-9811431554; or Shri S.K. Batra, Consultant, CBIP, batra@cbip.org; M: 9811943812; Web-site: <http://www.cbip.org>.

DATE AND VENUE

The Conclave will be held on 16th December, 2022 (Friday) at SCOPE Convention Centre, Core 8, SCOPE Complex, Lodhi Road, New Delhi - 110003. The Conclave timings will be 10.00 AM to 6.00 PM.

WHO SHOULD ATTEND?

The Conclave will be of special interest to the Professionals and Stakeholders from Central Govt. / State Govt. / SEBs, Power Utilities/Corporations, Regulators, Researchers / Academicians, Manufacturers, Planners, Operators, Consultants, Electrical Contractors, etc.

REGISTRATION

There will be no Registration Fee for participation in the Conclave. Registration will be limited through online portal http://cbip.org/cbip_sjvn.html and confirmation thereof. However, Spot registration facilities to limited & special invitees will be available. Spot registration and distribution of study & kit material shall be done from 9.00 AM onwards on 16th December, 2022.

ABOUT LAHAR

Ministry of Power, Government of India has started Large Hydro Active Reach out (LAHAR) initiative with the objective to emphasize on the importance of Hydro Power in the Indian Power Scenarios. Sh. Nand Lal Sharma, Chairman & Managing Director SJVN, is the Chairman of the LAHAR Committee comprising of Heads of other Hydro PSUs

ABOUT CBIP

The Central Board of Irrigation & Power (CBIP), set up by Government of India has been inter alia organizing various conferences relating to Power, Renewable and Water Resources Sectors of National interest and present-day challenges, as one of its principal

activities with a view to enable dissemination and exchange of knowledge about new technologies and best practices.

ABOUT SJVN LIMITED

A Mini Ratna, Category-I and Schedule 'A' CPSE under administrative control of Ministry of Power, Govt. of India, was incorporated as a Joint Venture of the Government of India and the Government of HP on May 24, 1988. SJVN has a shared vision of 5000 MW by 2023, 25000 MW by 2030 and 50000 MW by 2040. Beginning with a single project and single state operation (i.e. India's largest 1500 MW Nathpa Jhakri Hydro Power Station in Himachal Pradesh), the company has commissioned eight Projects totaling 2091.50 MW of installed capacity and 86 km 400 KV transmission line. SJVN has now PAN India presence in states of HP, Uttarakhand, Bihar, Maharashtra, Uttar Pradesh, Punjab, Gujarat, Rajasthan, Madhya Pradesh, Assam and Arunachal Pradesh. Presently, SJVN has total portfolio consisting of Hydro, PSH, Solar, Wind, Thermal & Transmission lines aggregating at Installed Capacity of more than 42000 MW. Out of this capacity 2091.50 MW is under operation, 4451 MW under Construction and 35746 MW is under Survey & Investigation, Pre-construction & allotment stage across India, Nepal and Bhutan and Transmission lines of about 340 km.

CONFERENCE SECRETARIAT

Shri A.K. Dinkar, Secretary

Shri Sanjeev Singh, Director (E)

Shri K.K. Singh, Director (WR)

Central Board of Irrigation and Power

Malcha Marg, Chanakyapuri, New Delhi 110 021

Tel: 91-11-26115984/26116567

Fax: 91-11-26116347

Contact Persons from CBIP :

Shri Vishan Dutt, Chief Manager, CBIP

M: 9811431554; vishandutt@cbip.org

Shri S.K. Batra, Consultant, CBIP

M: 9811943812; batra@cbip.org;

Web-site: <http://www.cbip.org>

Contact Persons from SJVN:

Shri V. Sankaranaryanan, Executive Director, SJVN, Mob. No.- 9418080885

Shri R.K. Gupta, Chief General Manager, SJVN, Mob. No.- 9418463120

Shri Sanjeev Gupta, Chief General Manager, SJVN, Mob. No.- 9418109705

Web-site: <https://www.sjvn.nic.in>

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REGISTRATION FORM

(To be filled in block letters preferably)

Delegate _____

Designation _____

Name of Organisation _____

Mailing Address _____

City _____

State _____ PIN _____

Phone _____ Mobile _____ Fax _____

E-mail _____

Dated _____

Signature _____

Registration Form, duly filled in, is to be mailed to the following address:

Conclave Secretariat

Shri Vishan Dutt, Chief Manager, CBIP M: 9811431554; vishandutt@cbip.org

Shri S.K. Batra, Consultant, CBIP M: 9811943812; batra@cbip.org;

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