

Conclave on
**HARNESSING HYDROPOWER
POTENTIAL UNDER LAHAR
(LARGE HYDRO ACTIVE REACH OUT- LAHAR)**

INITIATIVE OF MINISTRY OF POWER

Rasmanjari Auditorium, THDC India Limited, Rishikesh
19th July, 2024 (Friday)

Organised By



टीएचडीसी इंडिया लिमिटेड
THDC INDIA LIMITED
(श्रेणी क मिनी रत्न, उपक्रम)
(Schedule-A Mini Ratna PSU)

in Association with



NO REGISTRATION FEE

**PRE-REGISTRATION (ONLINE)
IS MANDATORY**

LIMITED SEATS



BACKGROUND OF THE CONCLAVE

LAHAR (Large Hydro Active Reach out) initiative, as per the mandate of Ministry of Power, focus on 'Collective Branding of the Hydro Power Sector' to facilitate positive response from the community towards HydroPower development activities and further countering the negative perception about HydroPower prevailing in the society at large. The initiative of LAHAR is to make the stakeholders/society more aware of the economic and societal benefits of both existing and potential new hydropower projects including job creation, cost savings in avoided mortality and economic damages from air pollutants and avoided Green House Gases (GHG) emissions, etc.

Ranked as the 6th largest globally in terms of installed capacity, India possesses an impressive 46.85 GW of large hydroelectric power, including a Pumped Storage Hydro (PSH) capacity of 4745.60 MW, constituting 11.06% of its total power generation capacity. India's sizeable large hydroelectric power potential stands at approximately 145 GW. Beyond this potential, the country boasts a further 96 GW of PSH capacity across 63 identified sites, as well as an additional 19.75 GW of small hydro capacity.

In alignment with the revised Intended Nationally Determined Contribution (INDC), referred to as the Panchamrit targets, India is steadfastly committed to achieving 50% of its installed capacity from non-fossil fuel sources by 2030. This dedication accompanies the ambitious renewable target of 500 GW by the same year. Hence, hydropower emerges to act as a pivotal player in the seamless integration of renewable energy into the grid and the effective management of its fluctuations.

For smooth execution of Hydropower project mitigation of local issues, various clearances including environmental clearances, Resettlement and Rehabilitation (R&R), plays an important role and accordingly smart handling of these issues is the key for smooth execution. Proactive actions for mitigation needs to be taken during Survey and investigation stage itself. Previous experiences/success stories become torchbearer and guide us for success.

Considering the paramount importance of this subject, THDC INDIA LIMITED, acting on behalf of LAHAR Members in association with CBIP, is orchestrating a significant conclave titled 'Harnessing Hydro Power Potential!' This event falls under the umbrella of the MoP's LAHAR initiative and is set to take place on 19th July 2024, at Rasmanjari Auditorium, THDC INDIA LIMITED, Rishikesh, Uttarakhand.

MAJOR POINTS FOR DELIBERATIONS:

1. Harnessing of Hydro Energy in North East India.
2. Harnessing Hydro Power Potential- Success stories, Challenges and Lessons
3. Proactive actions for smooth execution of the project.
4. Adding Hydro Power to the Grid-A need of the day.

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 Hydropower.
- (d) Paper for oral presentation shall be selected by the Organiser. Remaining papers shall be published in the proceedings.

CALL FOR PAPERS

THDCIL on behalf of LAHAR members, in association with CBIP cordially invite participants to submit papers related to the above points by 1st July 2024. 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 A.K. Srivastava, Advisor, CBIP; arvind@cbip.org; 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 followed by **Welcome Reception (Cultural Evening and Gala Dinner)** on 18th July 2024, 7.00 pm onwards and conclave is on 19th July, 2024 (Friday) at Rasmanjari Auditorium, THDCIL, Rishikesh. 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> 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 19th July, 2024.

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 Hydropower in the Indian Power Scenario.

CONFERENCE SECRETARIAT

Shri A.K. Dinkar, Secretary
Shri Sanjeev Singh, Director (Energy)
Shri K.K. Singh, Director (WR)
Shri A.K. Srivastava, Advisor (Energy)
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 S.K. Batra, Consultant, CBIP
M: 9811943812; batra@cbip.org;
Web-site: <http://www.cbip.org>

Contact Persons from THDCIL:

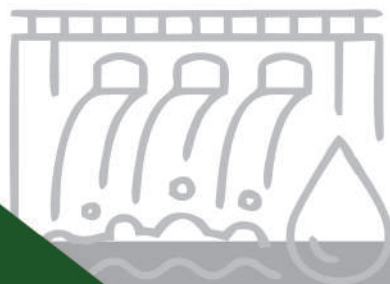
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For queries regarding paper submission please contact:

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Conclave on

HARNESSING HYDROPOWER POTENTIAL UNDER LAHAR (LARGE HYDRO ACTIVE REACH OUT)

INITIATIVE OF MINISTRY OF POWER

Rasmanjari Auditorium, THDC India Limited, Rishikesh
19th July, 2024 (Friday)

Welcome Reception

(Cultural Evening and Gala Dinner) on 18th July 2024 : 7.00PM onwards

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 S.K. Batra, Consultant, CBIP

M: 9811943812; batra@cbip.org;

Central Board of Irrigation and Power

Malcha Marg, Chanakyapuri, New Delhi 110 021, India

Tel : 91-11-26115984/26116567 Fax: 91-11-26116347