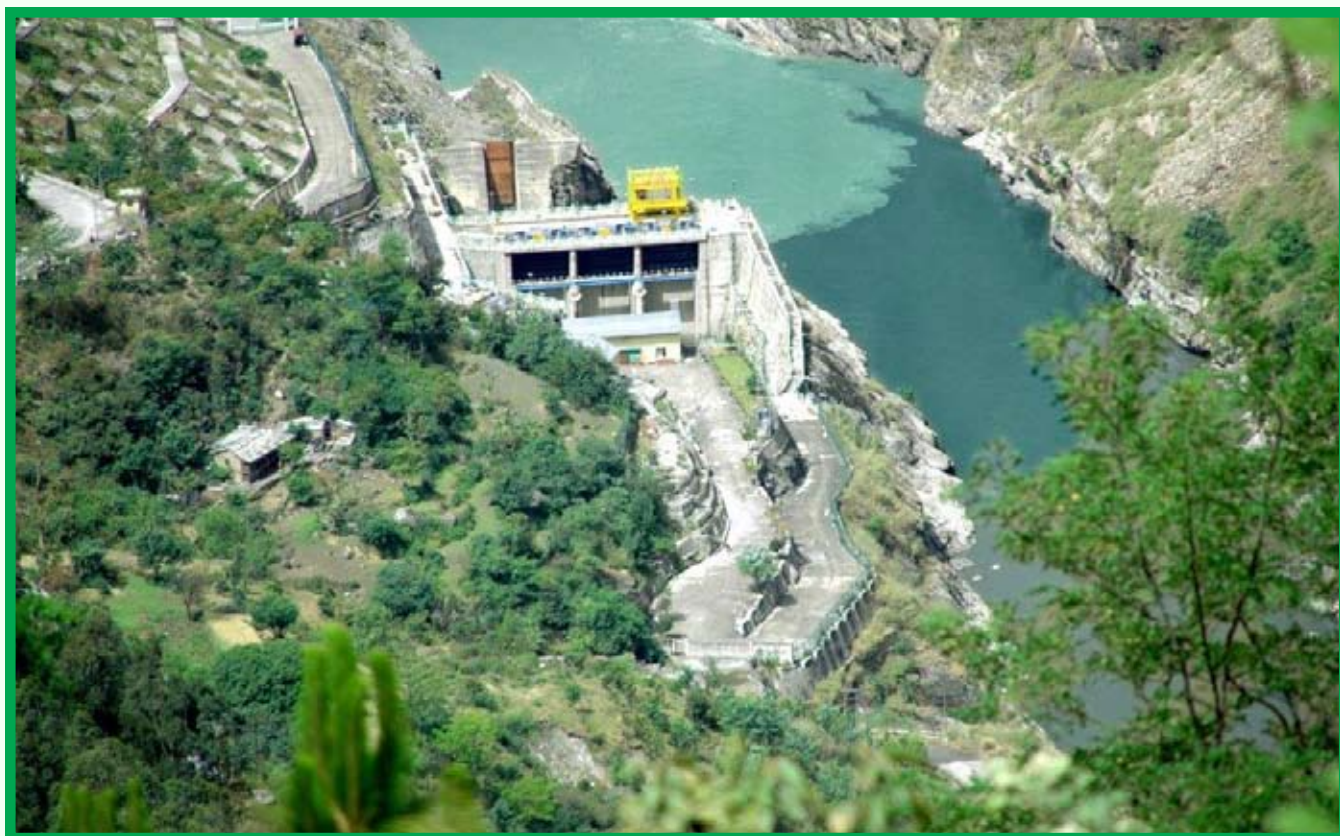


Second National Workshop on
**Developing Comprehensive and Scientific
Mechanism/Model for Forecasting of Hydrology
for Hydro Electric Projects**

7th December 2019
Hotel Shivalikview, Chandigarh

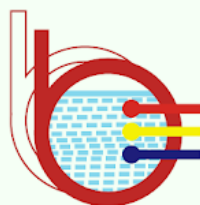


Organised by



SJVN Limited
(A Joint Venture of Govt. of India
and Govt. of HP)

in association with



**Bhakra Beas
Management Board**



**Central Board of
Irrigation & Power**

OBJECTIVE

SJVN Ltd., with the support of Central Board of Irrigation and Power (CBIP), organized a Workshop on “Developing Comprehensive and Scientific Mechanism/Model on Forecasting of Hydrology for Hydro Electric Projects”, on 25 April 2019 at India Habitat Centre, New Delhi.

In the workshop, it was general opinion of experts / practitioners / participants that this important subject has direct impact on the performance of hydropower generators as well as power utilities and consumers, needs detailed analysis and research. After detailed deliberation during the workshop, it was concluded that:

- All models discussed so far dealt with Short term and Medium term Hydrology Forecast. However the problem ahead was to develop a model to predict discharge for next few months to next year, especially for Hydro Projects under O&M stage, for setting up of MOU Generation Targets.
- There was acceptance of the need to understand development of sound models for basin wise catchment areas for short and medium term forecasts. Availability of hydrology data with CWC and project developer, could be used for analysis of such statistical/ dynamic models.
- An accurate forecast model should be developed jointly in association with IMD/BBMB/IIT/THDC/CBIP/CWC/NIH, having proper ownership at SJVN end. The involvement of the institutions and the research organizations, working in the field of hydrology should be promoted and strengthened. This would increase clarity on the role of Hydrology in development of hydro projects.
- Strengthening of Hydro Meteorological data and development of own observation network for real time data for Satluj Basin, as done by THDC/ BBMB, was stressed during panel discussions.
- Field Visits should be undertaken rigorously and strengthening of Automatic Weather stations in project specific catchment areas, under guidance from NIH/ IIT etc. This would serve as a useful tool for reaping the benefits to the maximum
- Investment should be made on training and contribution by in house manpower

In continuation of the First Workshop on the subject, SJVN Ltd., with the support of Central Board of Irrigation and Power (CBIP), is going to organize Second Workshop on “Developing Comprehensive and Scientific Mechanism/Model on Forecasting of Hydrology for Hydro Electric Projects”, on 07 December 2019 at Chandigarh.

This workshop will be organized with an objective to bring together team of experts from BBMB, CWC, DoEST (HP), IMD, IIT, NIH and other stakeholders of Satluj basin to have a discussion on action plan for further work on such software based model for forecasting of Hydrology on year ahead basis to extend support for Hydro Projects under O&M stage for better estimation of Generation Targets. This would also increase clarity on the role of hydrology/inflows in next season/next year in O&M of Hydro Projects and big Reservoirs.

TOPIC

Key workshop sessions will include:

- Software based model for accurate forecasting of discharge in river Satluj on the basis of real time and historical data inputs for support of Hydro Projects during O&M stage on year ahead basis
- Dimensions/Parameters for inputs for annual hydrology forecasting on year ahead basis of Hydro Electric Projects.

DISCUSSION FORMAT

It is proposed to hold workshop in the format comprising of lectures followed by a panel discussion / Q&A for convergence and collection of ideas.

OFFICIAL LANGUAGE

English will be the official language of the Workshop.

DATE & VENUE

The Workshop will be held on 07 December 2019 at Hotel Shivalikview, Sector 17-E, Chandigarh.

REGISTRATION FEE

There is no registration fee for participating in the Workshop and is by invitation only. All interested are requested to contact the Workshop Secretariat. The participants will have to make their own arrangements for travel and stay. The last date for receipt of the registration form is 30 November 2019.

CONTACT PERSONS

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Central Board of Irrigation and Power

All correspondence relating to the Workshop shall be addressed to:

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Secretary

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Second National Workshop on
**Developing Comprehensive and Scientific
Mechanism/Model for Forecasting of Hydrology
for Hydro Electric Projects**

7th December 2019
Hotel Shivalikview, Chandigarh

REGISTRATION FORM

(To be filled in block letters preferably typed)

1. Name of Participant _____
(Surname) (First Name) (Prefix Prof./Dr./Mr./Mrs./Ms.)

2. Designation: _____

3. Name of Organisation: _____

4. Mailing Address: _____

City _____ State _____

Country _____ PIN _____

Phone _____ Fax _____ E-mail _____

Dated _____

Signature _____