

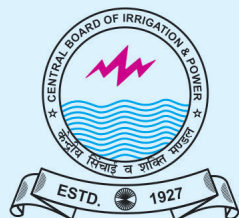
*Tutorial Course on*

# **Water Optimization in Thermal Power Plants & Zero Discharge**

19 - 20 April 2018, New Delhi



*Organised by*



New Delhi

Central Board of Irrigation & Power



## **ABOUT CBIP**

The Central Board of Irrigation & Power (CBIP) has been serving the nation with great distinction as a premier institution for dissemination of knowledge and exchange of professional experiences in the field of Power Generation, Transmission and Distribution of electricity, renewable energy besides various fields of Water Resources. The objective is achieved by the Board through various modes like organizing Conferences, Workshops, Imparting Training and preparation of Manuals etc.

CBIP is conducting long term and short term training programs in the field of power generation, transmission and distribution including water resources at New Delhi and also at its CBIP Center of Excellence at Gurugram (Gurgaon), Haryana. Realizing the constraints being faced by the professionals in leaving their stations/headquarters for attending various training programs organized by CBIP, we, at CBIP have started conducting Door Step/ On Site training programs at required project sites etc. with the aim to provide training and develop skills of various professionals of the organizations dealing in Power Sector as well as Renewable Energy Sector.

CBIP is organising a Two days Tutorial Course on “Water Optimization in Thermal Power Plants & Zero Discharge” on 19<sup>th</sup>- 20<sup>th</sup> April, 2018 at CBIP Conference Hall, Malcha Marg, New Delhi, with the aim to help the Professionals and Engineers to understand the need to optimize the water consumption and water management skills.

## **PROGRAM OVERVIEW AND OBJECTIVE**

“Water, once considered nearly inexhaustible resources, is increasingly limited, and water requirements for electricity production must compete with other demands, such as agriculture and sanitation”. Water is the life & blood of fossil power plants. Keeping in view the new environment norms issued by MoEF and also the country’s power addition capacity in the 13<sup>th</sup> plan, water optimization and water management skills are going to play a very important role. The best practices being followed by various power utilities will also help in optimization of water.

The program aims to bring awareness on the current status of Water use & Optimization in the power plants, identify various drivers, policy guidelines & their Utilization for developing schemes for its proper use. The program also intends to provide a platform to discuss different water use & conservation measures being taken by different utilities for water utilization and alternative technologies being developed for reducing water consumptions.

## **PROGRAMME PROFILE**

- Water for life (Introduction, Water Mission & Water Policy)
- Water Management in Thermal Power Plant
- Water Foot Prints
- Water Audit
- Zero Discharge
- Use of Municipal Waste Water in Power Plants

## **METHODOLOGY**

The program would be delivered through classroom sessions, case studies, and interactive group discussions.

## **PRESENTATIONS BY EXPERTS**

The lead faculty for this program shall be Shri H.S.S. Sengar, Former General Manager, NTPC, along with Invited eminent experts from organizations, power utilities; academic & consulting institutions who shall be sharing their in-depth experiences with the participants.

## **WHO MAY ATTEND**

Executives working in operation, maintenance, design, erection, chemistry Dept. and efficiency divisions in thermal power stations.

## DATE AND VENUE

The program will be held on 19<sup>th</sup> -20<sup>th</sup> April, 2018 (Thursday and Friday) at the Conference Hall, CBIP, Malcha Marg, Chanakyapuri, New Delhi-110021.

## ABOUT FACULTY



**Shri H.S.S. Sengar**, Former General Manager (Operation Services), NTPC Holding Master of Science degree in Chemistry (1975) from Jiwaji University Gwalior and Masters of Business Administration degree (1998) from IGNOU New Delhi.

He has Worked at NTPC Korba Super Thermal Power Station, Balco captive power plant, Auraiya Combine Cycle Gas Station and at Corporate centre for about 32 years. He also has 7 years experience of working with MP State Electricity Board prior to joining NTPC. His last responsibilities in NTPC was heading Chemistry function at Corporate Operation Services as General Manager, which consisted of management of all Chemistry functions of all operating stations and projects under construction including Joint venture stations and Subsidiary Companies.

He is presently working as Associate Adviser with NTPC limited, also working as consultant to PwC India and Haryana Power Generation Corporation.

## REGISTRATION FEES

The perspective participants, desirous of attending the Tutorial Course may register themselves by sending the details to CBIP along with necessary payments.

The registration fee for attending the Tutorial Course is given below:

(i) Rs. 12,000/- per participant.

(ii) Discounted Fees of Rs. 10,000/- per participant for members of CBIP

GST @ 18% extra.

GST No. 07AAAJC0237F1ZU

Registration fee shall cover the registration kit, and Tea/ coffee / lunch during the Tutorial Course. Participants will have to make their own arrangement for travel, boarding and lodging, etc. All payments 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

## CONTACT PERSON AT CBIP

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Central Board of Irrigation & Power

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E-mail : mahesh@cbip.org, shashank271993@gmail.com

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# **Water Optimization in Thermal Power Plants & Zero Discharge**

**19 - 20 April 2018  
New Delhi**

## **REGISTRATION FORM**

(To be filled in block letters preferably)

Delegate \_\_\_\_\_

(Surname)

(First Name)

Designation \_\_\_\_\_

Name of Organisation \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ PIN \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

E-mail \_\_\_\_\_

Dated \_\_\_\_\_

Signature \_\_\_\_\_

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

**Shri V.K. Kanjlia**

*Secretary, Central Board of Irrigation and Power, Malcha Marg, Chanakyapuri, New Delhi 110 021, India*

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

Email : mahesh@cbip.org M: 9871997542 Web-site: <http://www.cbip.org>

**Note:**

- Photocopies of the registration form can be used for additional requirements, if any.
- Spot registration facilities will also be available, provided the prior information is received.