



CIGRE-India

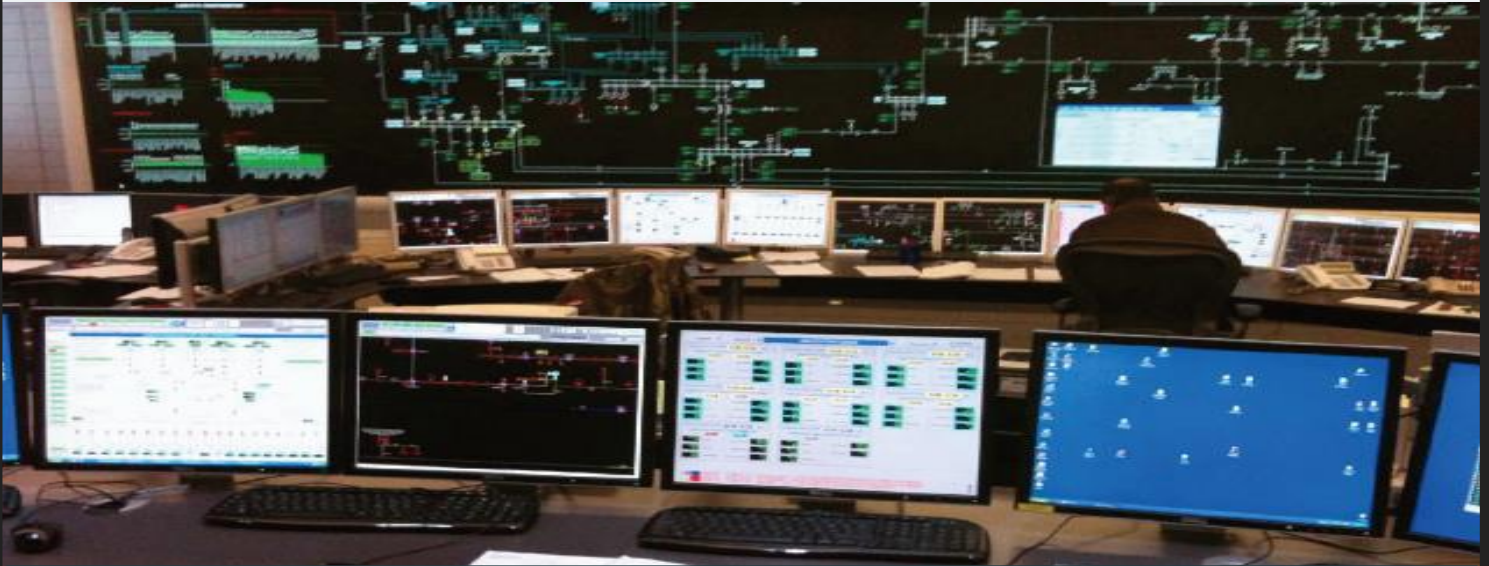
National Tutorial on Understanding SCADA System (Online)

(Under the aegis of CIGRE NSC-D2)

5 – 7 October 2020 at 1500-1700 hrs.



Central Board of Irrigation and Power



BACKGROUND AND TAKEAWAYS

KEY SPEAKER

The Engineer's proverb is: To control a process, you have to measure it first! SCADA System does both. It monitors a process, and enables its supervision and control. Today, SCADA System, or a system with similar functioning, finds application in most continuous processes in as diverse fields as, Power System, Water or Gas Distribution, Railway Traction, and many many more such users.

However, for the subject tutorial, Power System would be the basis.

Often the process is spread over a considerable area, and it wouldn't be practical to supervise and control it without the SCADA System. This underlines the importance this system has. It should be the motive of the engineers managing such processes to appreciate and understand the essentials of a SCADA System. The program would equip the engineer with the understanding of what a SCADA System is and what may be expected of it.

The aim of this tutorial is to prepare the engineer to:

- Learn the concept of SCADA System and its applicability.
- Understand the various components of SCADA System and the need thereof.
- Learn about the Automation Units employed.
- Understand the Communication aspects.
- Be acquainted with the Computers and Software functionality.
- Value the uses and the need for the system.
- Appreciate the uses of the data collected, and the additional functionality.

At the end of the tutorial, the engineer would be in a position to understand SCADA System, and value the need for it. This tutorial aims to clear the basic concepts, so as to enable the engineer to absorb the information provided by the SCADA System vendors, and also the product specific training organised by the supplier. The tutorial will open the door to active participation in the various tests, including FAT and SAT, also in maintenance activity.

The tutorial would be vendor neutral.



Sh. Anil Sinha
Consultant - SCADA

Sh. Anil K Sinha is an engineer from IIT, Delhi. He has around 43 years of experience in the field of Computers, Communication, SCADA System and Process Software. He has a long and rich experience of working with Siemens in Germany and in India. He has been involved in the development and commissioning of a number of SCADA System projects, apart from many other IT and Communication projects. He and his team have to their credit the development of an indigenous SCADA System, with wide ranging and multiple implementations in the various process industries in the country.

He has served as an in-house SCADA System Consultant to NHPC Ltd. and as a SCADA, IT and Communication Consultant to a number of other organisations. He has also served as an Advisor to the Central Board of Irrigation and Power (CBIP).

He has been sharing his knowledge, as in lectures and training courses, over the years, having contributed to diverse organisations, prominent among these being, CBIP, NHPC, NPTI, PMI, ISPe, and many others.

BACKGROUND

Central Board of Irrigation & Power (CBIP) a premier Institution, setup by Gol in 1927 is serving the nation in the disciplines of Power, Renewable Energy and Water Resources Sectors for more than 94 years.

CBIP'S MAIN OBJECTIVE IS:

- to disseminate technical knowledge through various modes, e.g., publication of technical documents, organizing conferences /workshops.
- to provide specialized training to the professionals in the Power, Renewable Energy and Water Resources Sectors.

UNIQUE FEATURES OF ONLINE PRACTICAL TRAININGS

- Training with high safety of participant's w.r.t. COVID-19 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.

FACILITATION CHARGES

The duration for each on line training will be of 3 days (2 hrs. on each day) out of which 1 hr 30 minutes will be for technical session followed by 30 minutes for question/ answer session.

Category	Fee in INR	
	Members (CBIP/CIGRE)	Non Members
Individual Per Login	3,000/-	3,600/-
Institution Logins		
Up to 25 Login	35,000/-	40,000/-
Up to 15 Login	25,000/-	28,000/-
Up to 10 Login	18,000/-	20,000/-
Students	750/- per login	
First 25 students will be given one year membership of CIGRE to have access to 10,000 Technical Report available on e-CIGRE library.		
Note: 18% GST extra for all categories.		

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



TO REGISTER

The perspective participants, desirous of attending the above training may register themselves by sending the following details to CBIP along with necessary payments:

Title of Training _____
Name: _____
Designation: _____
Organization: _____
Mailing address: _____
Phone / Fax/E-mail: _____

Note: After registration, the participants will be provided the link 1 day prior to the session to participate in the Technical session. (GST No. 07AAAJC0237F1ZU)

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 000003 MICR Code: 110240001.

ADDRESS FOR CORRESPONDENCE

Dr. G.P. Patel, Secretary, CBIP
Sh. A.K. Bhatnagar, Director, CBIP
Nodal Officer : Sh. S.K. Batra, Chief Manager, CBIP
M: 9811943812, E-mail: batra@cbip.org
Sh. Vishan Dutt, Chief Manager, CBIP
M: 9811431554, E-mail: vishandutt@cbip.org
Central Board of Irrigation & Power
Malcha Marg, Chanakyapuri, New Delhi - 110021
Phone: 011 26115984/26116567
Fax: 011 2611 6347; E-mail: cbip@cbip.org