

Sarvajanik College of Engineering & Technology

Department of Electrical Engineering

A Report on Expert Lecture

On

SLDC Functions and Technologies Implemented for Gujarat Power System Operation



Speaker: Shri. P B Suthar - Deputy Engineer (Scheduling)
Shri. N.A. Makwana - Deputy Engineer (SCADA/IT)

Venue: NJ Seminar Hall

Date: 30-07-2019

Time: 10:30 am-12:30 pm

Organized by: Prof. Siddhi Desai

The Department of Electrical Engineering, SCET, Surat had organized an Expert Lecture for BE-IV Year and ME students considering subject of their curriculum as Inter Connected Power Systems. The Experts were Shri. P B Suthar - Deputy Engineer from Scheduling Department, SLDC, Vadodara & Shri. N.A. Makwana - Deputy Engineer from SCADA/IT Department, SLDC, Vadodara.

The session started with a welcome speech given by Prof. Siddhi Desai. She also gave a brief introduction of both the speakers and Prof. Aditi Hajari (Head of the Department) felicitated them with flowers. First session was of Shri. P B Suthar and his topic was Grid Operation and Control. In future, enormous amount of energy will be generated using Renewable Energy Resources such as Solar & Wind. Adaptive forecasting system will be employed due to highly dynamic nature of wind and solar generation. Second session was of Shri. N M Makwana and his

topic was SCADA systems implemented on grid. He explained about SCADA and showed how they gather data and work on the data. They also highlighted opportunities of research in power system.

The session ended with his vision towards power system protection in future followed by question-answer. Prof. Siddhi Desai gave a vote of thanks speech on behalf of SCET. It was a very informative and knowledge enhancing session for the students as they got to know many things apart from curriculum. Some glimpses of the talk are shown below:



