

Power Generation Services

Siemens Power Academy – K-PCS7
PCS7 Course for Commissioning and Planning

Introduction

This course covers intensive engineering and maintenance training for PCS7 users. The training is suited for engineers and technicians for planning, commissioning and maintenance as well as beginners not familiar with the PCS7 system of power plant technology. After the course participants will be able to independently carry out engineering and commissioning tasks using the PCS7 process control system.

Course Content

The participants will be trained with the user interface of a power plant project where some of the power plant processes are simulated. The training will focus on the following topics:

- Introduction to the system components S7-400 PLC (AP and modules), OS (operator station),
- ES (engineering station)
- Simatic Manager, PC stations and communication
- Creating a PCS7 project
- Function and parameterization of the function modules (binary and analog acquisition and output, ESG, continuous controllers, step controllers)
- Continuous control – CFC
- Sequential control – SFC
- Process tag type, model and master data library
- Generation processes and log evaluation
- OS and graphics design in WinCC

- Archiving system
- Reporting, printing and User administration
- OS Server, client, redundancy and project download
- Power Solution library
- TEC4Function (option)
- Practical exercises.

Course Details

Preconditions: Experience in power plant systems, and basic Windows knowledge.

Location: Siemens Training Office / Customer Site

Size: Max 6 Participants

Duration: 5 days

Contact:

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Siemens Ltd. Australia

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