

Turktex - thread factory, Plovdiv

Building Management System

Building Management System

- 300 Physical Data Points
- 70 Integration Data Points
- Heating center - The distribution of hot water is provided by the waste heat during cooling of two compressors related to the production process. In order to provide DHW for the needs of the building, two electric water heaters are also provided.
- Cooling center - control and monitoring of one chiller evaporator, which is cooled by means of a water cooling tower. Management and monitoring of 9 circulation pumps divided into work/standby groups.
- Air Handling Units - control and monitoring of 3 AHU's . Control and monitoring of temperature and relative humidity.
- Monitoring of 8 electricity meters and 4 cold meters using Modbus/Bacnet and Mbus communication protocols.

Project details

Duration

2023

Scope of activities

Supply and installation of:

- Field Equipment (sensors, valves,...)
- DDC controllers and modules...,
- BACS operation station,
- MCC panels design, production, installation, start up and documentation
- DDC & BACS software, start up & commissioning, end user training and documentation

