

District heating in Belgrade



Segment: Thermal heating plant
End user: JKP Beogradske elektrane
System integrator: Siemens I&S
Realization date: 2008

Requirements:

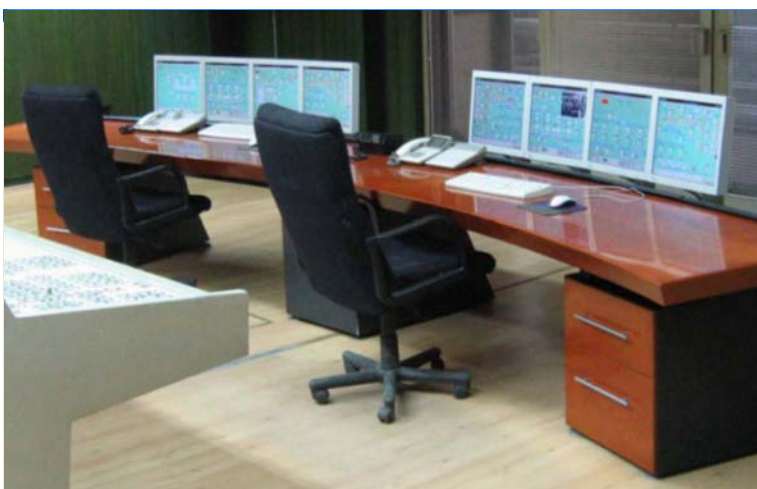
- Modernization of 3 district heating plants for automatic operation
- Redundant system for each plant
- Future enhancements of the system

Solution:

- Operating system LINUX
- Special driver development
- Customized object libraries with special data models, special functionalities and graphical symbols

Benefits:

- Automatic reaction on changes in load
- Local systems are interlinked and on request the operation can be done from each plant for all units
- Data exchange with a district heating supervisory system scheduled. The demand will be calculated in advance



Public Utility Company "Beogradske elektrane" is the youngest utility system in Belgrade.

The PUC "Beogradske elektrane" possesses 55 heat sources of 3.000 MW capacity, more than 1.000 km of district heating pipeline and 6.500 substations.

