INP Reference

BMHKW Kaiserslautern – Biomass Combined Heat and Power Plant

LOCATION: Kaiserslautern, Germany

SYSTEM/TECHNOLOGY: Siemens Simatic S7 for PLS, Siemens CPU 319 with S7 and WinCC for the combustion power controls

SERVICES: Commissioning, Project management, Basic-engineering and pre-engineering, Detail engineering

INDUSTRY BRANCH/TYPE OF PLANT: Power Generation, Green Energy, Industrial systems

CLIENT: Zweckverband Abfallwirtschaft Kaiserslautern ZAK

INP services

- Establishment of the current situation and optimization of process automation for the complete biomass combined heat and power plant
- Checking the software for the control systems
- Analysis of the existing safety program with representation and definition of safety criteria
- Support for the technical safety checks with the TÜV safety inspectorate
- Modifications to the software in consultation with the operator
- Adaptations to the visualization
- Process evaluation and technical consulting
- Instrumentation and control commissioning as well as startup of the plant after the inspection
- Interface clarification and test
- Rectification of error messages in ongoing operation
- Process acquisition and implementation for the fuel feed with integration in the process control system
- Programming the interfaces for the operating data management system
- Support in the reverse-engineering documentation of the plant
- Planning and procurement of the necessary hardware and software for the combustion power controls including programming the PLC, installation and configuration

POINTS OF CONTACT



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