



Zhigulevskaya HPP Hydrounit No.6 Automated Control System

Requirements

Implementation

Benefits

Solution Partner: SMS-Automation (Russia)

Customer: Zhigulevskaya HPP

Sector: Hydro Power

Requirements of the customer:

- Provide hydrounit automated control and diagnosis
- Ensure control of auxiliary equipment
- Integrate with existing hydrounit and plant systems

Automated control and diagnosis system based on Siemens software and hardware

Solution
Partner

SIEMENS

Automation





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Implementation by the Solution Partner:

- SIMATIC Step7 and WinCC-based automation system
- SIMATIC S7-416 and S7-414 redundant controllers and ET200M distributed I/O station



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Benefits for the customer:

- Hydrounit and its auxiliary equipment operation reliability and efficiency significantly increased
- Operating costs considerably decreased
- Easy system integration into HPP automation system due to standard Siemens software and hardware ensured

Solution
Partner

SIEMENS

Automation

