



Aushigerskaya HPP Hydraulic Measurement System

Requirements

Implementation

Benefits

Solution Partner: SMS-Automation (Russia)

Customer: Aushigerskaya HPP

Sector: Hydro Power

Requirements of the customer:

- Monitoring of water level measurement of head and tail waters and of pressure drop at trash racks
- Hydrounit and penstock water discharge measurement
- Emergency gate distant control according to specified algorithms

Hydraulic measurement system based on SIMATIC S7-300, ET-200M distributed I/O system and SITRANS sensors



Solution
Partner

SIEMENS

Automation



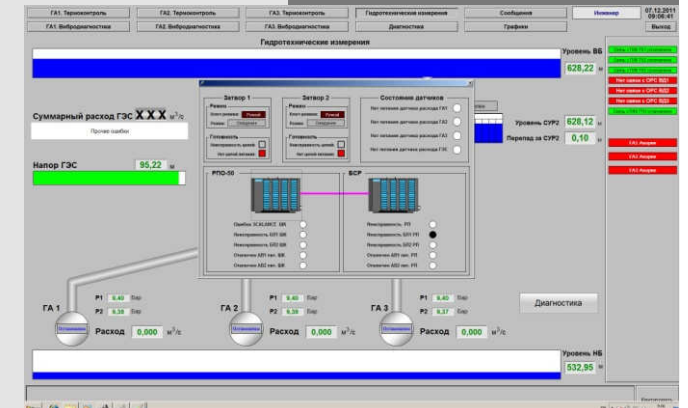
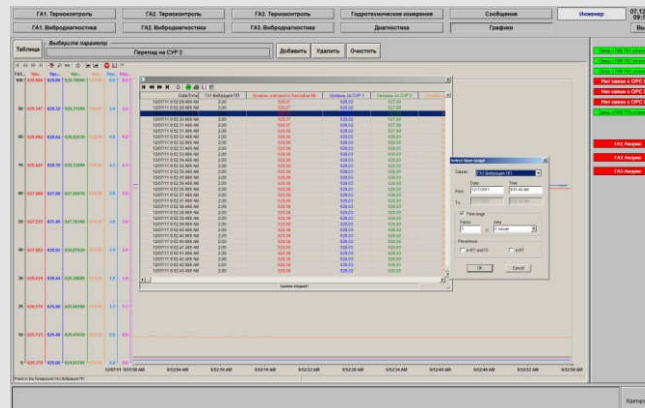
Aushigerskaya HPP Hydraulic Measurement System

Requirements
Implementation
Benefits

Solution Partner: SMS-Automation (Russia)
Customer: Aushigerskaya HPP
Sector: Hydro Power

Implementation by the Solution Partner:

- System based on SIMATIC S7-300 CPU 315-2 PN/DP and ET-200M distributed I/Os station implemented
- SITRANS FUS1020, Z and DSIII-series sensors used



Solution
Partner

SIEMENS

Automation



Aushigerskaya HPP Hydraulic Measurement System

Requirements

Implementation

Benefits

Solution Partner: SMS-Automation (Russia)

Customer: Aushigerskaya HPP

Sector: Hydro Power

Benefits for the customer:

- Depreciation and efficiency of hydrounit runner controlled
- HPP penstock rupture protection ensured
- Hydraulic measurement system integrated into process control system



Solution
Partner

SIEMENS

Automation