

■ Power Station Control Systems

Turbine Control System ME 4012

Unanchor yourself

when modernizing your steam turbine

(References for turbines from 9 MW to 920 MW)

Very high performance

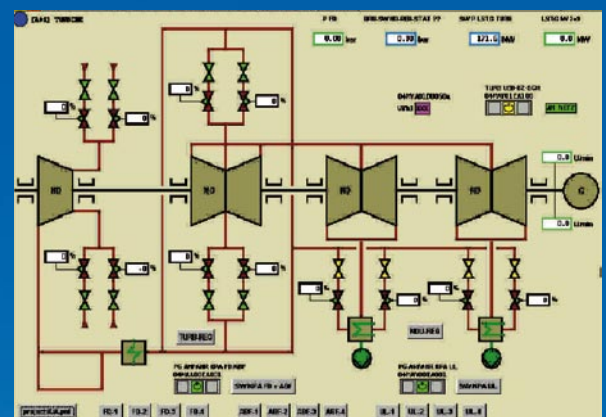
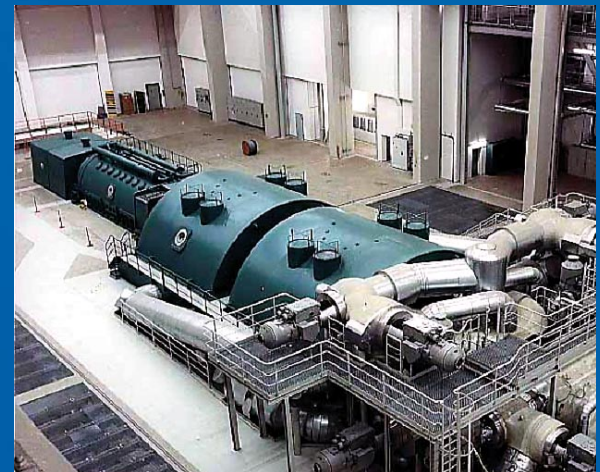
- Cycle time 2-5 ms
- Digital valve position control
- Full redundancy for all closed-loop and open-loop functions with bumpless changeover
- Integrated system diagnosis
- Plant availability > 99.99 %

Full integration

- ME-VIEW operator control and monitoring system
- Control 1 v2
- Protection 2 v3
- Overspeed protection 2 v3, SIL3
- Function group control
- Online function test
- Alarm report with time stamp (1 ms)
- Standard components of the ME 4012 system

Perfect handling

- Documentation of all functions with our CAE tool ME-DRP 5
- Automatic code generation from function charts acc. to VGB R 170 C
- Online diagnosis
- Online change of parameters
- Online configuration
- Online simulation
- Uninterrupted operation of all systems (including protection), even during module replacement



mauell

Helmut Mauell GmbH

Am Rosenhügel 1-7 · D-42553 Velbert

Tel. +49 (0) 20 53 1 30 • Fax +49 (0) 20 53 1 34 03 • www.mauell.com