Power Plant Maasvlakte, Netherlands - Steam Pipe Monitoring

steag
ENERGY SERVICES

Power plant Maasvlakte

Monitoring of the superheated steam and hot reheat pipes with the IT-based solution SR::SPM

With SR::SPM the reference/actual comparison of the pipe displacement due to thermal expansion allows to promptly identify whether the expansion is restricted e.g. by blocked hangers, fouling or friction and has to be rectified. Major damage can thus be prevented. The benefits in power plant Maasvlakte: Reduction of the inspection effort for highly-stressed pipe bends, early detection of critical conditions and increase in operational safety.

Project Facts

Installed capacity	1069 MW
Implemented IT solution	steam pipe monitoring (SR::SPM)
Technology	coal-fired power plant
Customer	E.ON
Execution of SES services	2013