

Thermal Waste Treatment

WTE Plant Nordforbrænding, Denmark



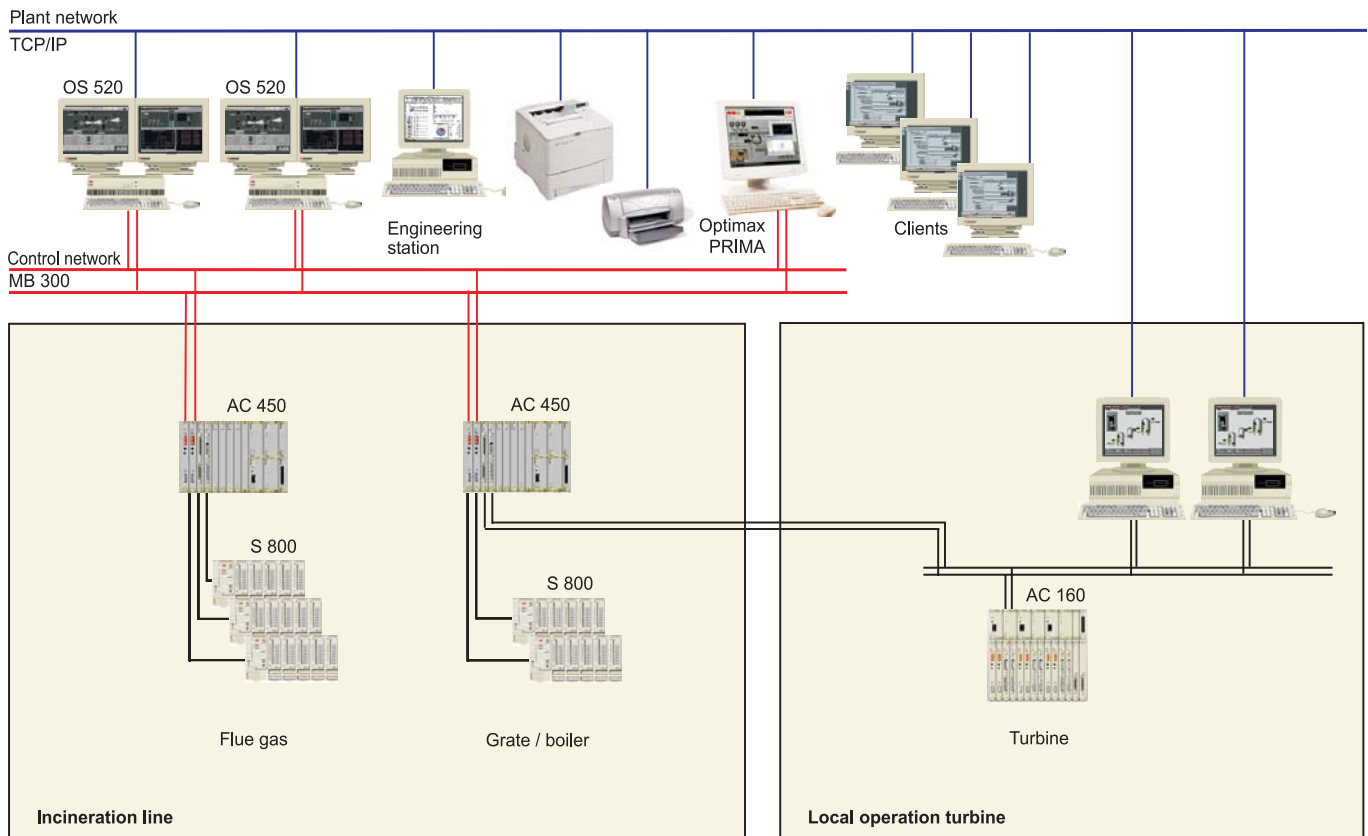
Plant efficiency with real-time data for operators

When installing the fourth incineration unit at the waste to energy plant in Hørsholm, Denmark, ABB realised the first project with Optimax PRIMA plant management solution for a WTE plant. For the customer, it is of utmost importance to get a technically advanced and highly automated plant which could satisfy the industry's demands of tomorrow's information requirements. Optimax PRIMA links the plant control system seamlessly with the information management system and offers operators and management real-time plant information. With Optimax PRIMA the user profits from an optimal operator efficiency, a simplified process optimisation and a cost efficient use of resources.



ABB

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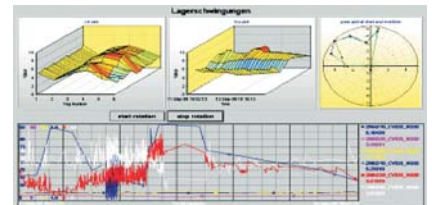
Plant data

Commissioning:	1999
Incineration lines:	1
Combustion capacity:	10 t/h
Electricity:	7.4 MW
District heating:	20.8 MWh

Operation data

Operator stations:	5 x OS 520 2 x X-Terminal
Info-Mgmt-System:	Optimax PRIMA 1 x client
Process stations:	2 x AC 450 1 x AC 160
Remote I/O:	S 800
Process signals:	3'990

Optimax PRIMA graph



Turbine



Electrical equipment



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