

CUSTOMER CASE



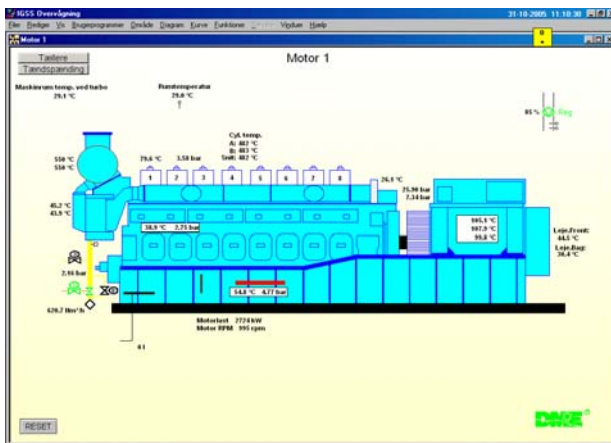
Vinderup Heat and Power Plant

Combined Heat and Power

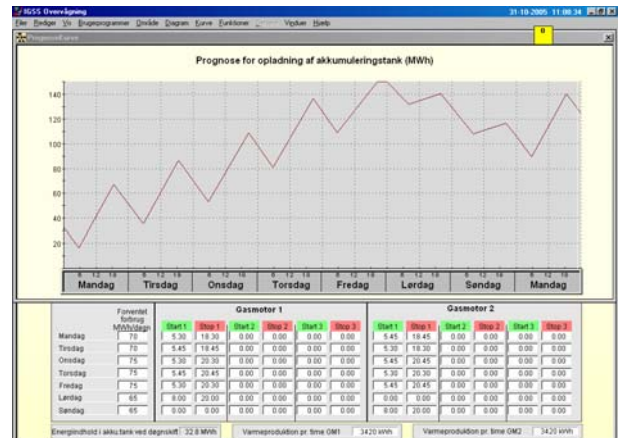
Denmark

Plant Description

In 1994, the Vinderup Heat and Power Plant was equipped with two Rolls-Royce gas engines . The engines have a combined 2.7 MW electricity generation capacity and a 3.4 MW heating capacity. In addition, two gas boilers have been installed for reserve. One boiler is a 5 MW gas/oil and the other is a 10 MW gas/oil. 1,160 consumers are presently connected to the plant.



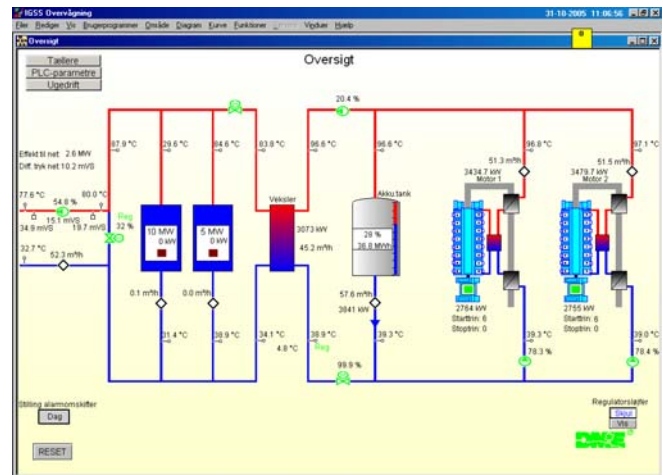
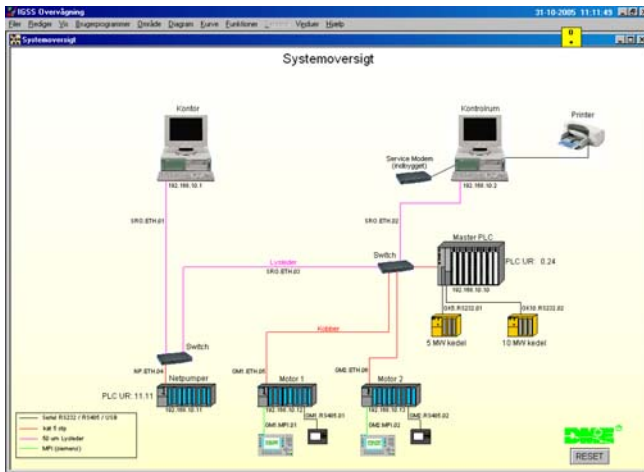
DME A/S installed complete electric management of the plant. Additionally, Vinderup Heat and Power Plant is also responsible for the operation of the Sevel Heat and Power Plant.



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IGSS system

The heat and power plant has two IGSS single-user systems, each with 2,000 objects. The plant is controlled through a Siemens S7 400 Master PLC and three Siemens S7 300 over Ethernet. It is possible to remotely connect to the SCADA via modem.



Owner

Vindrup Heat and Power Plant

System Integrator

Dansk Miljø- & Energistyring A/S, www.dme-as.dk/