



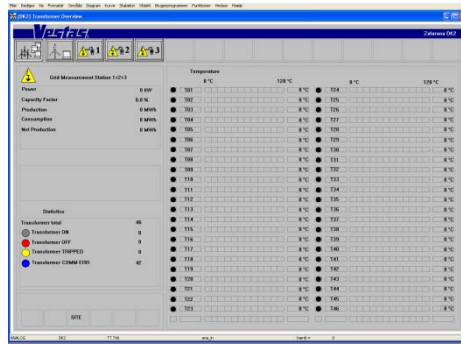
Wind Farm Zafarana

Energy

Egypt

Plant Description

The project was undertaken for Vestas Wind Technology of Denmark. The plant consists of 46 windmills, 2 weather stations and 4 transformer stations. All the units are equipped with PLC systems, which monitor and control the connection of the wind mill generators to the local electricity supply net. Monitoring and running of the plant is done from an IGSS system, which is found in the control room.



IGSS System

The plant SCADA consists of a 1,000 objects, single-user system used for monitoring, controlling and reporting. Control is accomplished with Phoenix PLC systems that communicate with each other as well as with IGSS by way of optical fiber based Interbus.

Owner

Zafarana Wind Farm has been delivered by Vestas Wind Technology of Denmark.

System Integrator

Dansk Automation & Analyse A/S, www.d-a.dk has done the SCADA engineering in IGSS.

