

Wind Energy Station with Satellite or GSM Communication

DESCRIPTION OF STATION

The typical station consists of a local battery operated datalogger and a satellite transceiver or GSM modem, capable of uninterrupted operation and transmittal of 10 minute averages and statistics. The data are stored on site, and are simultaneously transmitted by means of the satellite link or a GSM modem.

FEATURES

- Independent of local power sources
- Independent of local data transmission infrastructure
- On-line display of measurements on WEB-page facilitates data access and quality control

APPLICATIONS

Stations have been deployed for the following applications:

- Offshore meteorological measurements
- Wind prospecting at remote sites
- Wind turbine power curve measurements
- Environmental measurement stations.

PUBLIC ACCESS STATIONS

Several stations with public access can be found at the following address:

<http://veaonline.risoe.dk/>



- Simple installation and operation
- Developed for rough environment
- Low maintenance
- Low power
- High data recovery
- Fully programmable
- Analogue and digital inputs
- Measurement rate up to 64 Hz
- Satellite or phone link
- Excellent experience remote/offshore sites

