

# Live Online Remote Monitoring for WIND TURBINE SYSTEMS



LONG TERM TRACKING AND  
PERFORMANCE ANALYSIS TO  
OPTIMISE UP TIME AND  
MAXIMISE PROFITS

## TECHNICAL INFORMATION

### MONITORING SYSTEM FEATURES

#### ► Wind Turbine System Information

Acquisition of vital data such as: *Power, Energy production, FITs, wind speed, wind direction, CO2 offset.*

#### ► Reliable and Efficient Data Backup, Access and Management System

- Information accessible on any fixed/mobile web browser enabled device such as pc, laptop, mobile phone and public displays.
- Online management systems employing multiple levels of hierarchy over multiple sites and management of clients' access level all from a single portal.
- Daily backup of data on SAS70 Type-II certified data centre.
- Native iOS and Android App access.

#### ► Alerts and Controls for Monitoring

- Custom Alerts and Alarm Conditions configuration, Alerts emails and built-in alerts log-book.
- Global map installation monitoring, one simple view to see site location and status.

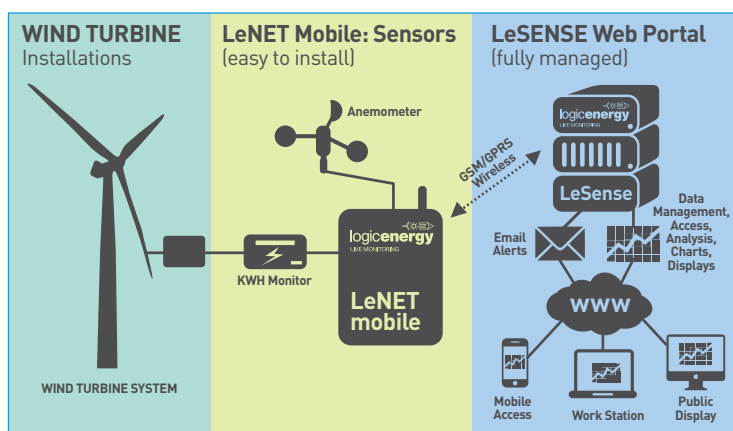


#### ► Advanced Tools for Graphing, Charting, Analysis, Report generation and Display

- Advanced graphing and charting reporting tools such as custom date/time period selection and average intervals.
- **Multi site and sensor comparison** tools for easy **performance** evaluation.
- Multiple sites wind reporting tool for energy forecasting.

#### LeNETmobile

LeNETmobile is connected to the wind turbine system using kWh meter and optional sensors for advanced monitoring like wind speed and wind direction sensor.



### SYSTEM REQUIREMENTS

<b>LeNETmobile</b>	Monitoring hardware, 10 minutes frequency updates.
<b>GSM/GPRS SIM</b>	Active m2m GPRS data SIM, 10MB per month (works worldwide on GSM networks.)
<b>Power Supply Unit</b>	Mains or solar powered: 6Vdc to 12Vdc
<b>kWh Meter (energy meter)</b>	Standard Energy meter 1-phase/3-phase with pulse output. (Typically 1000 imp/kWh pulse rate for highest resolution.)
<b>OPTIONAL SENSORS FOR ADVANCED MONITORING</b>	
<b>Wind Speed Sensor</b>	Any anemometer and/or wind vane. <b>Visit <a href="http://shop.logicenergy.com">shop.logicenergy.com</a> for detailed options.</b>

[www.logicenergy.com](http://www.logicenergy.com)

FOR MORE INFORMATION, PLEASE CONTACT OUR HEAD OFFICE:

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