



Proactive Monitoring for healthy wind farms

we strive for 100% availability

Service definition

Proactive Monitoring is a systemised comparative and historical analysis of all available turbine operating data including the error logs, pressure, temperature, services and repairs record. It aims at highlighting trends that could lead to potential turbine component failures, thereby enabling proactive maintenance to be carried out under weather management and safely maximise the asset's performance and long-term value. The Proactive Monitoring reports are issued to the technical/engineering teams for their scrutiny and decision on prescribed actions.

Scope of services

The following options are intended to provide an outline of the key services which Wind Prospect would be able to provide. Other services associated with operation & maintenance activities can also be discussed depending on client requirements.

Contractual availability assessments

This service provides a 'true' contractual availability of each turbine rather than the indication of availability provided by SCADA systems. This is done by isolating all turbines' non-productive periods and re-allocating them to the contractual permitted and non-permitted down times.

Increase availability. Boost profits.

Start-up

Site(s) inspection and familiarisation including turbulence assessment, setting-up of communication systems and reporting procedures.

Option 1

To provide 24/7 supervision of the contracted fleet, to carry out remote resets under defined and approved procedures and to issue immediate work orders when a remote reset fails or the problem requires technical attendance.

Option 2

To provide the services covered by Option 1, with the addition of the provision of daily Proactive Monitoring of the fleet and contractual availability assessments.

Option 3

To provide the services covered by Option 2, with the addition of general administration of the contracted fleet including the setting-up of health and safety procedures and regular audits, power purchase agreement management, sub-contractors management (including maintenance companies) and general accounting.



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