

442SR Controller

Turbine Health and Production Monitoring



Real-time performance and diagnostics at your fingertips



Wi-Fi ACCESSIBLE

Turbine health is important for sustained uninterrupted energy production. The XZERES Turbine Controller has an on-board diagnostics system which records performance metrics and is web enabled and Wi-Fi accessible from a home computer or handheld device. Turbines connected to the internet can be monitored by XZERES for best results.

The easily accessible and intelligent device understands and communicates performance with its plug-n-play turbine health monitoring system alerting owners when maintenance is required.

TELEMATICS FOR REMOTE MONITORING

- Energy Production
- Wind Speed
- Energy Exported
- Up Time
- Operation time



SAFETY

- Controller electronics monitoring enables the 442SR to automatically shut down if any error is detected.
- In addition to dynamic braking, the 442SR controller utilizes aerodynamic stall for controlled braking.

PRODUCTION EFFICIENCY

In its system-healthy active mode the controllers monitoring functions update the system's ability to capture energy in windy, gusty and marginal wind conditions. The controllers intelligent monitoring operates in real time and has shown efficiency increases up to 20 percent.



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