



Increase your yield?

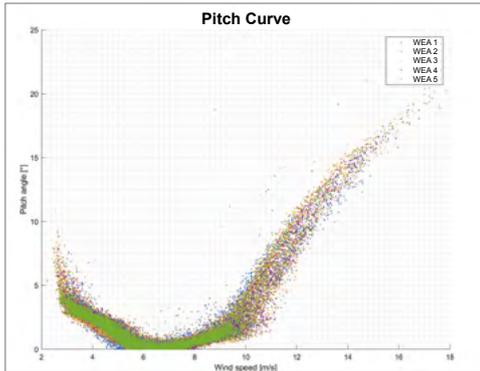
With our **Performance Analysis**, we take an in-depth look at your wind farm's operational data and show you how to optimise your yield.

Your partner for clean energy

ABO
WIND

We Detect Hidden Optimisation Potential

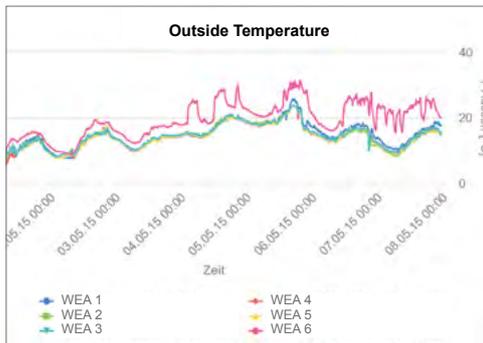
Our in-depth analysis of your SCADA data goes far beyond the assessments of conventional operational management. We uncover unknown weak points and hidden causes for reduced yield. In a detailed report, we give you specific recommendations on how to correctly calibrate, repair or upgrade your equipment, thus optimising your yield.



Optimise Your Generator Angle and Pitch Angle

Only with the correct parameterisation will your plants yield maximum revenues. Therefore, we analyse:

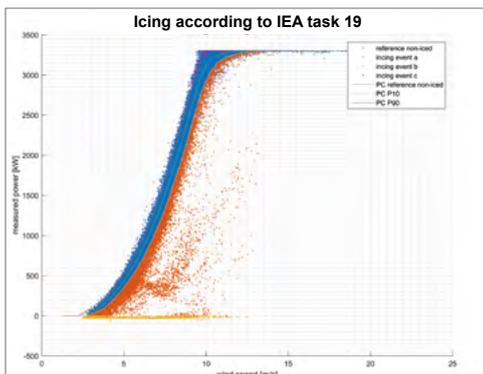
- Plausibility of generator and pitch angle characteristics
- Software and parameter changes by the manufacturer
- Parameterisation of the plants among each other



Minimise Loss from Permit Requirements

From temperature sensors to switching hysteresis and noise reduction – we check the correct implementation of shutdown and starting mechanisms and / or performance reductions resulting from permit requirements. We point out optimisation potential concerning:

- Shutdown for species protection
- Shadow flicker shutdown
- Turbulence shutdown
- Icing events shutdown
- Noise reduction
- Sector management

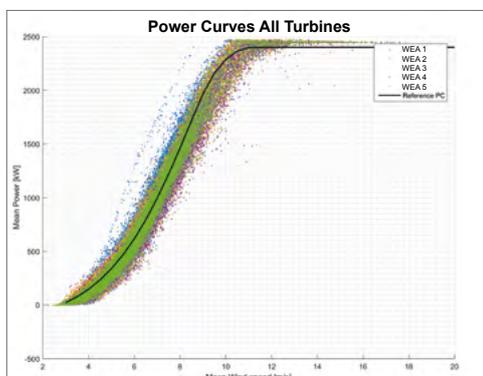


Avoid Reduced Performance

We take a closer look at performance-reducing operating modes and show how to avoid unnecessary shutdowns and thus loss of profit.

We examine:

- Power reductions by network operators and direct marketers, e.g. due to network congestion
- Shutdowns during extreme weather events
- Statistics on frequent error messages



Compare Your Performance Curves

We compare the adjusted performance curves of the wind power plants between themselves and we clarify the causes for outliers. This gives you valuable information on weak points and options for improvement, e.g. in relation to:

- Abnormalities in certain output ranges
- Decreased output due to inclined flow
- Yield loss due to icing on the rotor blades

The Performance Analysis is an offer of ABO Wind Sachverständigen GmbH in cooperation with morewind engineering solutions GmbH. Benefit from the vast expertise of our experienced engineers.

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