

Noise and Shadow Flicker Assessment Environmental Impact Assessment Renewables



Noise Immission Prognosis

Noise immission can significantly impact the operational efficiency and energy yield of wind turbines. The noise immission assessment determines the operational modes for your wind farm projects, ensuring the compliance of the guidelines. Powered by WindPRO software and conducted by our experienced team, our assessments ensure compliance with regulations and can optimize the noise modes which are the most power productive.

Compatibility with Overhead Power Lines

Examining the compatibility of wind turbines with minimum distances to overhead power lines is crucial to prevent potential damage. Our assessments analyze the wake effect of turbines and its potential impact on power lines in accordance with mandatory standards.



Shadow Flicker

Our comprehensive shadow impact assessment verifies compliance with legal approval standards. Input data such as wind turbine specifications, rotor blade data, orography and local residential areas are utilized. Using WindPRO software, we identify exceedances on both planned and existing wind turbines to indicate any adverse impacts.

Project Management Permits

We also provide valuable assistance throughout the application process for permits in compliance with the Federal Immission Control Act (BImSchG) in Germany, ensuring a smooth and successful approval process.

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