

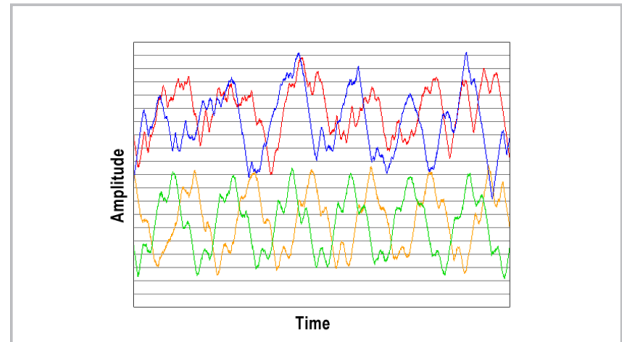
Load Measurements

Very high loads lead to accelerated wear and damage of components. Load measurements help to determine problematic stress, providing essential information for design improvements.

Load measurements serve wind turbine manufacturers to evaluate the design loads as well as to optimise the wind turbine design. Another scope of application is the search for root causes of repeating damage patterns.



Static load test of a 56-meter-rotor blade



Edgewise and flapwise loads on two rotor blades during operation

BerlinWind offers load measurements for wind turbines. The measurement duration as well as the number of measuring channels is specified according to the requirements of the customers e.g. manufacturers and operators.

We also carry out measurement campaigns for wind turbines types where the further technological development is no longer supported. Together with our clients we then develop solutions and test them.