

UPGRADES MADE BY NORDEX

Sound Mode Optimisation

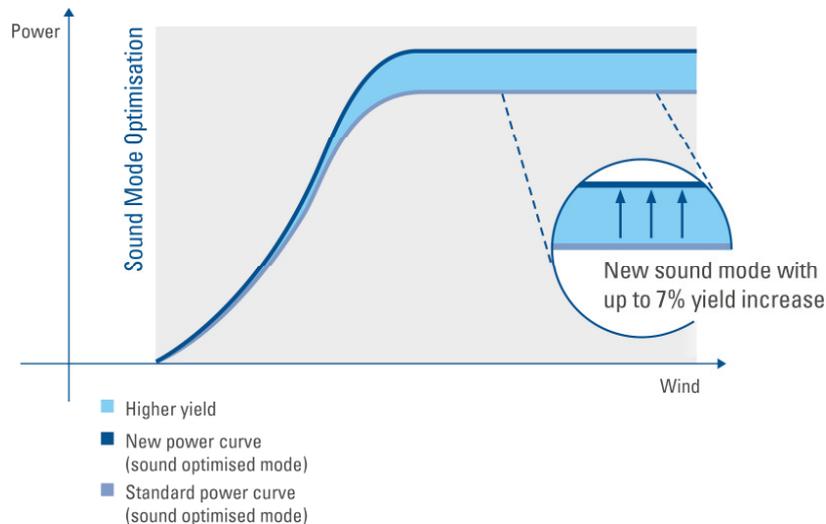
As the manufacturer, we know your turbines best. With our **Upgrades made by Nordex** we provide individually tailored retrofits. These upgrades improve the performance, the availability and the safety of your turbines, helping you to achieve even larger yields.

➤ Brief technical description

The upgrade **Sound Mode Optimisation** enables a yield increase for turbines with an active sound curtailment.

Depending on the location, wind turbines are subject to regulatory requirements to reduce sound emissions. Turbines are curtailed, for example, at night in their power production in order to comply with the building permission. The rotational speed of the rotor blades and thus the generator speed must be reduced to achieve a sound reduction. The Sound Mode Optimisation upgrade allows an improvement of the power curve by a targeted increase of the torque while maintaining a stable low rotor speed and sound emission. Yield can be increased up to 7 percent this way.

This upgrade is available for our N90/2500 and N100/2500 Beta and Gamma generation turbines.



➤ Benefits

- Yield increase
- Improved power curve and higher rated power