

Hamburg, 17 November 2020. The Nordex Group has optimized the aerodynamics of the rotor blades of a total of 80 N100/2500 wind turbines for the long-standing Turkish customer, Eksim. By installing the vortex generators, the power output of the older generation turbines will be increased by up to 2%.

The Nordex Group offers its customers the vortex generator upgrade as an additional option for the N100 turbines from the company's Gamma Generation with blades that were not previously equipped with this solution. The devices are installed on the top side of the blade – each individually adapted to the rotor blade type. The result is an increase of the annual energy production of the turbines due to the optimisation of the aerodynamics at the base of the rotor blades. The project comprising five wind farms in Turkey is the Nordex Group's largest vortex generator upgrade project to date.

The Nordex Group worked closely with Eksim as early as the product development phase: As part of a pilot project, rotor blades of six N100/2500 wind turbines at the Susurluk wind farm in Turkey were already equipped with vortex generators in 2016. This blade performance enhancing upgrade has demonstrably increased the annual energy production of this wind farm by 2 per cent.