

# XTENDED POWER DELTA4000

ADDITIONAL YIELD OF UP TO +2,5%

SITE-SPECIFIC ANALYSIS OF BENEFIT

USING EXISTING LOAD MARGINS AT SITE

COMBINATION WITH XTENDED LIFETIME

## YOUR TURBINE CAN ACHIEVE EVEN MORE.

- **More output:** With Xtended Power delta4000 the yield of your turbine can be increased by up to +2,5% depending on the site wind conditions
- **More flexibility:** Use buffers in the design to drive each turbine to its maximum potential
- **More service:** Our technology experts assist you with a detailed analysis of the site-specific benefit and during discussions with external stakeholder such as grid operators or authorities.

**We look forward to optimising the annual energy production of your delta4000 turbines.  
Contact us! Talk to your local account manager or write us at [upgrades@nordex-online.com](mailto:upgrades@nordex-online.com)**

# XTENDED POWER DELTA4000

## Step 1: Analysis of the potential for optimizing a specific project

Using our TÜV-certified analysis method as a basis and taking into account the specific characteristics of your site, we evaluate the load buffers of each individual wind turbine to calculate the potential for boosting the yield with selected power modes.

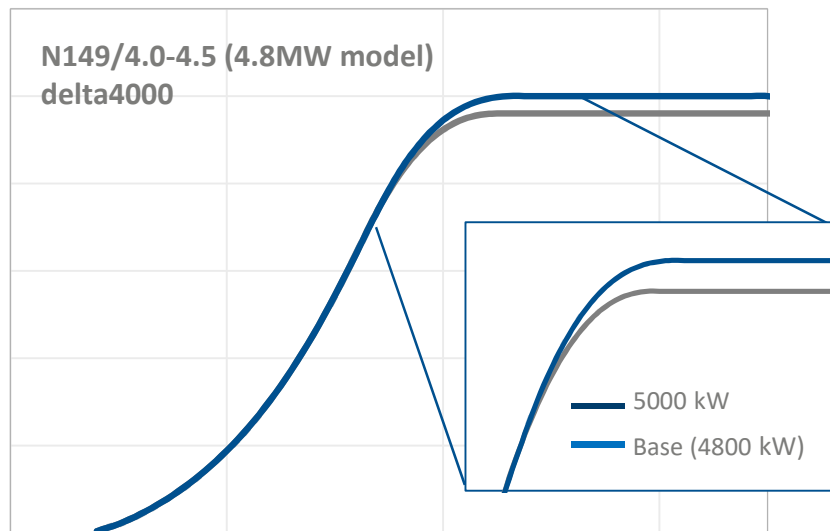
## Step 2: Implementation support

Our team of technology experts and local operatives will help you communicate with the relevant authorities and grid operators. We will ensure that the upgrade process of your wind turbine will run smoothly.

## Benefit: Individualized yield optimization

As the manufacturer, we know your wind turbine better than anyone else and we can utilise our many years of experience to ensure that it operates even more efficiently with our upgrades: Xtended Power delta4000 offers the flexibility needed to max out the full potential of your delta turbine and to achieve an increase of up to +2.5 percent in annual energy production.

Currently available for N149/4.0-4.5 turbines operating at 4.8MW (690V). For other delta4000 turbine types an individual yield optimization analysis can be offered.



Xtended Power options are also available for type N90/2500 gamma and type N117/3000, N117/3600, N100/3300 delta turbines.

## Extra: Combine your upgrade with Xtended Lifetime delta4000

More yield over an even longer period of time: the individual load-based analysis indicates whether you can continue to viably operate your wind turbine beyond the 20 year mark. To this end, the structural, electrical and safety-relevant components are checked for their suitability for extended operation. The opinion that we provide can help you demonstrate the technical viability to the relevant stakeholders as a basis for structuring and planning your financial arrangements.