



wpd company information

Bremen, October 27th 2020

wpd receives approval and award of contract for Wilstedt South wind farm

At the beginning of September 2020, wpd received the BImSchG permit for the Wilstedt South wind farm in Lower Saxony. This was an essential prerequisite for the project to be able to participate in the October tender for wind onshore. At the end of October, wpd was able to record the next success in the project, as the Federal Network Agency awarded the project. The approval and tendering process, including public participation and the special circumstances in times of the Corona pandemic, could thus be completed in only 13 months.

The Wilstedt South wind farm, consisting of six Nordex N149/4.5MW turbines, is the extension of the Wilstedt wind farm, which has already been in operation since 2009 and includes nine Enercon E82 turbines with a total capacity of 18 MW.

The Wilstedt wind farm was an essential part of a special research project. With an innovative study, the joint project "TremAc", supported by university research and industry representatives, investigated the effects of infrasound and ground vibrations. Participants were wpd windmanager GmbH & Co. KG, which is responsible for the technical and economic management of the wind farm, and above all the local residents.

Thanks to the large participation of local residents, the scientists from different disciplines were able to present a meaningful result: They could not prove any plausible connection between acoustic or seismic waves and physical or psychological complaints. Since then, the Wilstedt wind farm has been regarded as probably the best-studied wind project in Germany. The knowledge gained in the exchange with local residents could be directly implemented in measures to increase acceptance. In addition to structural measures such as the installation of noise-reducing serrations on the rotor blades, these include a wind savings certificate and a reduced green electricity tariff for residents.

The results of the research project can be viewed and accessed at:

<https://www.windfors.de/en/projects/tremac/>

In the Wilstedt South project, the findings of the TremAc study could be implemented directly. This underlines the importance of the wpd project with regard to increasing acceptance on the German home market.

About wpd

wpd develops and operates onshore and offshore wind farms and solar parks, and is actively engaged in 25 countries around the world; the head office is in Bremen. The German company has already realized wind energy projects with around 2,270 wind turbines and an output of 4,720 MW, and is planning further projects with a total of 11,300 MW onshore, 7,400 MW offshore and 1,150 MWp solar energy.

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