

Nordsee One

NER300

The project

Technology category: Wind energy

Location: 40 km north of Juist, Germany

Max. NER 300 funding: EUR 70.0 million

Final investment decision: December 2014

Entry into operation: December 2017

State of advancement

Nordsee One is on an excellent pathway to realise the goal of feeding-in electricity in the coming year.

Outlook for coming year

Fabrication and installation of the wind turbine components as well as installation and commissioning of ancillary items in order to complete the wind farm commissioning.

Outlook for coming 5 years

Secure a high turbine availability and maximize electricity output of the wind farm.

Project sponsor

85 % NPEW North S.à r.l. and 15 % Nordsee Windpark Beteiligungs GmbH

Project website

www.nordseeone.com

Project summary

Nordsee One is an offshore wind farm with a capacity of 332 MW, which is under construction in the German North Sea. The project will consist of 54 Senvion 6M126 wind turbine generators, each with a capacity of 6.15 MW, installed on monopile foundations via transition pieces, together with associated infrastructure, including one offshore substation platform and a cable connection to the offshore substation platform. All components except the wind turbine generators are already installed offshore.

The local transmission system operator is obliged to connect Nordsee One to the grid. TenneT has installed an offshore converter station and provides a 155kV cable, which will connect to Nordsee One's offshore substation platform.

All material consents are in place and the company entered into offshore construction with the placement of the first foundations in December 2015. It thus follows the pre-defined build programme and anticipated first generation and revenues are planned for 2017. Date of entry into operation is planned to be latest 31.12.2017. Nordsee One GmbH owns the project which is supposed to be viable on a stand-alone basis staffed with the required resources.

In August 2016, Nordsee One GmbH has found their service base in Norddeich, from where the wind farm will be monitored, operated, controlled and maintained.