



Electricity for 600,000 households

11 November 2021

TÜV SÜD certifies Kriegers Flak, the largest offshore wind farm in Scandinavia

Munich/Hamburg. In early September Vattenfall started operation of its Kriegers Flak wind farm in the Baltic Sea off the Danish coast. On behalf of Vattenfall, TÜV SÜD has supported the project since 2018 and has now successfully completed certification of the project. Certification was carried out in accordance with the Danish executive order BEK 73.

The offshore wind farm of Kriegers Flak is located in the Baltic Sea, 15 to 40 kilometres off the Danish coast. It comprises 72 8-megawatt Siemens Gamesa wind turbine generators adding up to a total installed capacity of 605 megawatts, which corresponds to the annual energy demand of roughly 600,000 households. “Good collaboration with TÜV SÜD played a major role, enabling us to complete this ambitious project on schedule, during a Global pandemic and put Kriegers Flak into operation in September 2021”, says Morten Fjordgaard Jensen, Certification Engineer at Vattenfall.

TÜV SÜD’s contract covered certification of the design of the foundation structure as well as surveillance and certification throughout the manufacturing, transport, installation and commissioning phases in accordance with BEK 73 (Executive Order from the Danish Ministry for Climate, Energy and Buildings, No. 73). Within the scope of certification, TÜV SÜD’s offshore wind energy experts examined the design of the wind turbines’ monopile foundations and their connections to the towers by means of a transition piece. Design examination of the foundations started in summer 2018. The project certificate was handed over to Vattenfall in early September 2021.

“TÜV SÜD supports the development of innovative and sustainable technologies. We are very pleased to have contributed to the implementation of this offshore project for generating clean energy”, says Liana Tatar, the responsible project manager at TÜV SÜD. “Certification confirms that Kriegers Flak wind farm is in compliance with Danish regulations and that the safety of the wind farm is ensured.”

Wind-energy services from TÜV SÜD

TÜV SÜD looks back on a long and successful track record in the certification of both onshore and

offshore wind farms as well as wind turbines and their components. The international testing and certification organisation supports planners, manufacturers, contractors, investors and owners and also provides assistance with risk analyses, occupational health and safety concepts and quality assurance during construction. Other core fields of activity include quality assurance in component manufacturing and periodic testing and inspection throughout the service life of the wind turbines.

www.tuvsud.com/wind-energy

Note for editorial staff: The press release is available on the Internet at www.tuvsud.com/newsroom.

Media Relations:

Dr Thomas Oberst TÜV SÜD AG Corporate Communications Westendstr. 199, 80686 Munich	Tel. +49 (0) 89 / 57 91 – 23 72 Fax +49 (0) 89 / 57 91 – 22 69 Email thomas.oberst@tuvsud.com Internet www.tuvsud.com
---	--

Founded in 1866 as a steam boiler inspection association, the TÜV SÜD Group has evolved into a global enterprise. More than 25,000 employees work at over 1.000 locations in about 50 countries to continually improve technology, systems and expertise. They contribute significantly to making technical innovations such as Industry 4.0, autonomous driving and renewable energy safe and reliable. www.tuvsud.com