

PRESS RELEASE

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AEG Power Solutions Will Secure Power for the Converter Platforms of Dogger Bank Wind Project Delivered by Aibel

- The Norwegian EPC, Aibel selected AEG PS AC & DC systems to secure critical control equipment
- AEG PS is leveraging its offshore expertise and global footprint to answer specific requirements

Zwanenburg, The Netherlands, December 2, 2020 –[AEG Power Solutions](#), a global provider of power supply systems and solutions for industrial, critical infrastructure and innovative power electronic applications, today announced that Aibel, a Norwegian EPC specialized in off-shore industries, has chosen AEG Power Solutions [Protect 8 UPS](#) and [Protect RCS](#) rectifiers to secure power on the converter offshore platforms which they build for the Dogger Bank wind farm in the North Sea.

The final customer is Equinor and SSE Renewables consortium, which is developing the Dogger Bank offshore wind farm, on the Eastern coast of England. Dogger Bank wind project will have a combined capacity of up to 3.6 GW, and it is expected to produce enough energy to power the equivalent of 4.5 million UK homes, making it the largest offshore wind farm worldwide.

Aibel will deliver two HVDC (High Voltage Direct Current) converter platforms (converting AC power generated by the wind turbines to DC for easier transportation to the shore) for the Dogger Bank A and Dogger Bank B projects. AEG PS systems are securing power respectively for the control process of the conversion operation (AC systems) and the switchgear (DC systems). The solution includes two Protect RCS 110TPRE1200 rectifiers, two Protect 8 inverters 60KVA, distribution cabinets and batteries on racks. Both systems have proven track records of successful operation in the toughest environment.

AEG PS were chosen thanks to the engineering support they were able to provide at early stage in the design of the solution and to the proven track-records in offshore applications. “Our global footprint and service expertise also helped making the difference as the construction of the topsides of the platforms will be done at Aibel’s yard in Thailand, explains Robin Lemstra, Sales Director NW & Central Europe. Our local service team in Thailand will commission our equipment there and when the platform is installed in the North Sea our local UK & Dutch service teams with full offshore qualifications are always nearby to provide technical support & maintenance if required.”

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About AEG Power Solutions

AEG Power Solutions ensures continuous power availability and the safe operation of critical applications thanks to with a wide portfolio of power supply systems and services: AC and DC UPS, battery chargers, rectifier systems, service and maintenance on 24/7 basis, as well as fully customized UPS systems to customer specifications.

AEG Power Solutions has developed a distinctive expertise and world-class engineering capacities that bridge both AC and DC power technologies and span conventional and renewable energy platforms. AEG Power Solutions has decades of experience with UPS and power electronics, and grid integration, and is leveraging its conversion expertise to engineer and deliver solutions for energy storage applications.

AEG Power Solutions is the sole subsidiary of the holding company 3W Power.
For more information, visit www.aegps.com.

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