



PROJECT / CUSTOMER

SIEMENS

PRODUCT
AVR3S4x1200

HISTORY
February 2016

“Following many successful projects with Sollatek, there was no doubt in our minds that they were the obvious choice **Siemens**

SOLLATEK REGULATES INTERNATIONAL COOPERATION IN NORTH SEA POWER.

Located 40km (25m) off England's Norfolk coast, the Dudgeon Offshore Windfarm is a £1.5 billion project harnessing the winds of the North Sea. When completed, Dudgeon will generate more than 402MW of electricity to onshore substations where two Sollatek automatic voltage regulators control the site power supply.

A joint venture between Norway's Statoil and Statkraft and Abu Dhabi's Masdar, Dudgeon consists of 67 turbines, each 187m high and will produce enough electricity to supply 410,000 average UK homes. The site covers an approximate 55km² with a 42km subsea cable transmitting the electricity to an on-shore substation at Weybourne where Siemens have deployed 2 of Sollatek's AVR3S4x1200 regulators.

These AVRs were specifically selected by Siemens because of previous installations where Sollatek units have proved to be robust, maintenance free and compact while performing flawlessly.

Like all Sollatek AVRs, these 828kVA units utilise solid state thyristor technology, and are able to offer voltage correction speeds in excess of 1250V/sec, enabling them to rapidly detect voltage variations and correct the output to ensure steady supply.

Providing complete satisfaction to the customer, Sollatek AVRs are also equipped with comprehensive alarm and monitoring outputs for interface to the site SCADA system. Additionally, internal measurements are data logged and the files can either be downloaded on site via USB and laptop or transmitted to the Sollatek Cloud (via an optional 2G modem) for analysis.



For more information contact us now

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