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Siemens helps Fred Olsen Renewables improve the efficiency of onshore wind energy operations in Scotland

Siemens service strategy improves yield optimisation on UK wind farms

Siemens has announced the signing of two new service contracts for onshore wind farm projects with developer, Fred Olsen Renewables in Scotland. The contract extensions at Paul's Hill and Rothes wind farms in Morayshire are for six and seven years respectively and feature the latest innovations in service to improve yield optimisation on wind farm operations. These contracts, signed this summer, together with Crystal Rig II in East Lothian, commissioned last year, bring the Siemens fleet for Fred Olsen to over 250MW of installed capacity in Scotland.

Scotland currently boasts a high concentration of the UK's total onshore wind energy capacity and has ambitious plans to become a major centre of renewable energy, especially wind power. Siemens installed onshore capacity in Scotland amounts to almost a third of the UK's total wind power at over 1.7GW (UK's total onshore and offshore capacity is 5.7GW). Siemens onshore portfolio in Scotland features innovations in service scope with the SWPS-300W - its most comprehensive and advanced service package to date that helps ensure that the wind farm performs to its maximum long-term potential. Siemens is also pioneering its innovative gearless direct drive turbines in Scotland, announcing the introduction this year of the technology at Millour Hill and Lochluichart wind farms.

At Paul's Hill wind farm Siemens will service all 28 of the 2.3MW turbines under a six-year service agreement (Siemens' SWPS-300W package). The SWPS-300W includes all scheduled services as well as an extended warranty on all components provided under the original Turbine Supply Agreement (TSA). The package features a complete service price per kWh of generation. Siemens' approach employs its sophisticated proprietary Turbine Condition Monitoring system (Siemens TCM) and advanced weather forecasting techniques to enable predictive maintenance at the optimum times, which maximises the generation of the wind farm. Siemens has also extended its service agreement at Rothes wind farm to service the 22 Siemens 2.3MW turbines.

Nick Emery, managing director of Fred Olsen Renewables UK said: "As a leading developer in Scotland, ensuring the highest levels of efficiency and yield is key to our business and operational success. Siemens impressed us with their technology and approach to meeting our business needs. The team also had the requisite track record and experience"

Martin McKenna, head of Onshore Renewables Service at Siemens said: "Siemens has been working with Fred Olsen Renewables for several years in Scotland, delivering both the 2.3MW turbine technology and comprehensive service. We are delighted to have successfully renewed the Paul's Hill and Rothes service contracts. The win is confirmation of the strength and experience of the local team of technicians and their knowledge of the turbines, enabling us to deliver accurate and reliable service that meets Fred Olsen's business and operational needs."

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Notes to editors:

About Siemens in the UK

Siemens was established in the United Kingdom 168 years ago and now employs around 16,000 people in the UK. Last year's revenues were £4.1 billion. As a leading global engineering and technology services company, Siemens provides innovative solutions to help tackle the world's major challenges, across the key sectors of energy, industry and healthcare. Siemens has offices and factories throughout the UK, with its headquarters in Frimley, Surrey. The company's global headquarters is in Munich, Germany. For more information, visit www.siemens.co.uk

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