

Viking Wind Farm

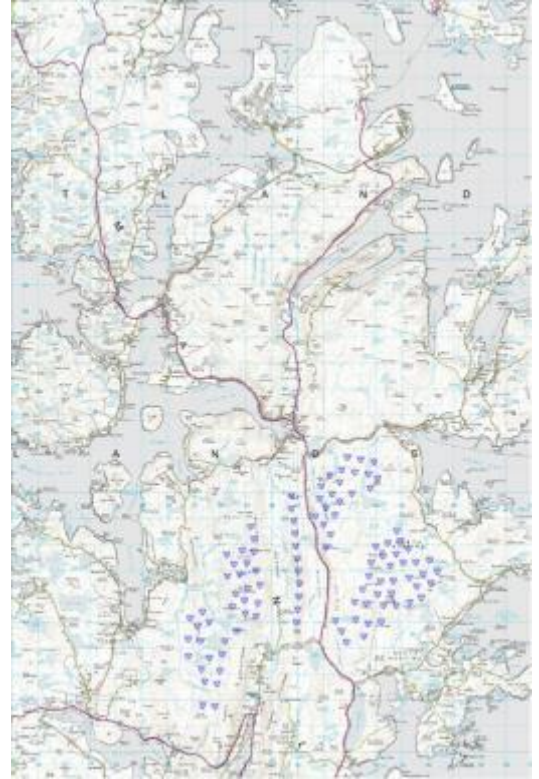
The Viking wind farm project was granted consent in April 2012. The project is now preparing to bid for a Contract for Difference (CfD) in the UK Government auction round due to take place in May 2019.

Project Overview

- 103 turbines, up to 457MW consented capacity
- 1 main substation, 7 anemometer masts
- 75km of access tracks, 10 borrow pits consented
- Consented area 10,424 ha, wind farm area 7,040 ha
- Tracks and other infrastructure total area 120 ha
- Habitat management plan area 3,384 ha
- Blanket bog peat restoration area 260 ha
- Sandwater and Kergord roads to be upgraded

Programme

- Construction from April 2020
- Operation from March 2024



The Viking wind farm will be connected to the UK mainland transmission network by a 600MW HVDC subsea cable connection. The connection will be constructed and operated by SHE Transmission as a regulated network asset in accordance with their licence obligations. The needs case for the project was submitted to Ofgem in October 2018.

Project Overview

- 250km subsea cable connection
- HVDC substation to be constructed at Kergord
- Connects into Caithness-Moray link
- Capacity available for other developers

Programme

- Connection available March 2024



Viking Project Benefits

The Viking wind farm project will bring significant benefits and supply chain opportunities to Shetland during both the construction and operational phases.

Community Benefit

- £5,000 per MW installed, up to £2.3m per year
- Income to Charitable Trust from project stake

Socio-Economic Benefit

- Over 140 construction jobs
- 35 full time operational jobs
- Project capital value up to £611m ⁽¹⁾
- Up to 8% of capital value realised locally ⁽²⁾
- New industry providing economic diversification
- Power for up to 475,000 homes ⁽¹⁾
- CO2 emissions reduced by 0.5m tonnes per year ^{(1) (3)}

(1) Based on turbines with tip heights up to 155m
(2) Report on Onshore Wind Economic Impacts by RenewableUK and DECC, May 2012
(3) Calculated using the Scottish Government and SEPA carbon calculator tool



Viking Energy is already engaging with potential suppliers for the main packages (wind turbines, civil infrastructure, electrical infrastructure) but is now looking to facilitate discussions between these suppliers and the local supply chain to maximise local content.

Local Supply Chain Opportunities

- Construction staff and services
- Plant and equipment hire
- Temporary site accommodation
- Site services including welfare, catering, security
- Transport services including abnormal loads
- Environmental management services

Please Get In Touch To Discuss The Opportunities

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