



**BANKS**Renewables

development with care

# Middle Muir Wind Farm

## Section 36C Variation Application

Environmental Statement: Non Technical Summary

August 2015

**BANKS**



100m to tip turbines at West Durham Wind Farm

# Introduction

This non technical summary summarises the environmental statement produced by Banks Renewables in support of an application under Section 36C of The Electricity Act 1989 to vary the Section 36 Consent granted in September 2014 for Middle Muir Wind Farm in South Lanarkshire

Under Section 5 of The Electricity Generating Stations (Applications for Variation of Consent) (Scotland) Regulations 2013, the Environmental Statement is required to assess the ways in which the likely significant effects on the environment of the proposed variations would differ from those associated with the consented development.

# Banks Renewables

Banks Renewables is part of the Banks Group and provides renewable energy solutions that help meet our society's demand for energy in a sustainable and considerate way

*Development with care* is at the heart of our way of working, and it's proven in every one of our projects by actions, more so than words. Respect and consideration for your environment, your community and our customers, employees and suppliers are at the centre of everything we do.

125m to tip turbines at Marr Wind Farm





100m to tip turbines at West Durham Wind Farm



# The currently consented scheme

## Key facts

### Number of turbines:

15

### Turbine heights:

Seven 152m to tip and eight 136m to tip

### Access:

New vehicular access track and junction from B7078

### Length of access tracks:

Approximately 11.5km - includes five water crossings

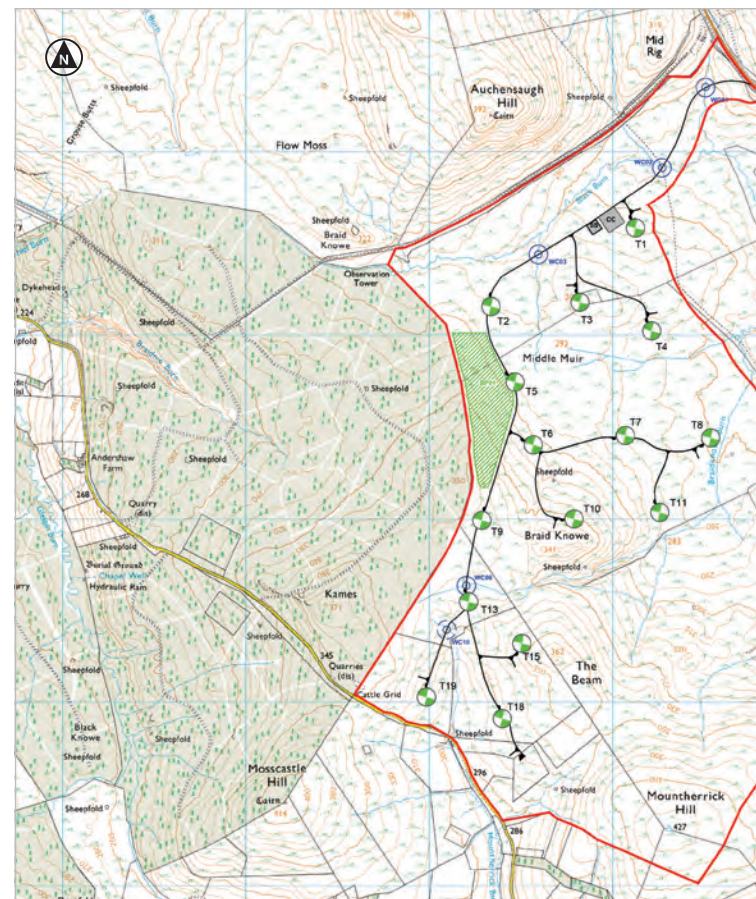
### Borrow pits during construction:

One

### Other infrastructure:

Anemometer mast, substation and control building.  
(Temporary laydown area and construction compound including hard standing and fences during construction)

## Site layout





125m to tip turbines at Marr Wind Farm



100m to tip turbines at Armistead Wind Farm



## Turbine dimensions

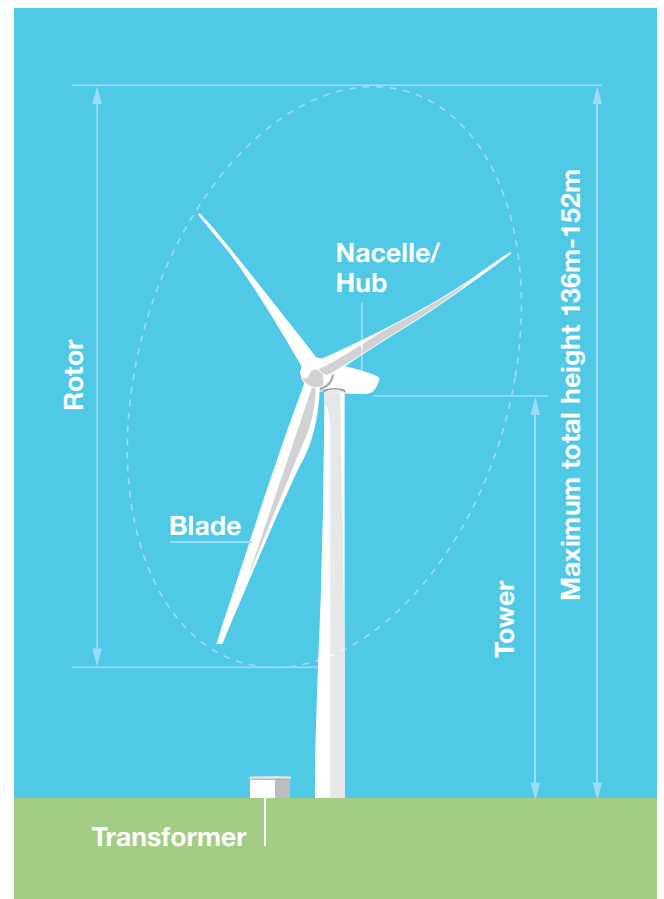


Diagram for illustrative purposes only - not to scale

# Changes

## Proposed variations

- Allow for a range of rotor diameters between 100m and 117m (resulting range of hub-heights between 77.5m and 102m)
- Revised noise conditions to replace conditions 12, 13 and 14 of S36 Consent
- Increase height of anemometer mast from 80m to 100m

## No changes will be made to

- The S36 consented red-line boundary
- The consented number of wind turbines
- The consented location of wind turbines
- The consented maximum blade tip heights of wind turbines





# Impacts and effects assessed

Brief summary of the environmental statement

## Landscape and Visual Impact

Variations are minor in nature and will not alter the visual impacts of the consented scheme

## Noise

Variations to conditions take account of current Good Practice Guidance and up-to-date cumulative situation. No change in impact from variations to rotor diameters

## Traffic and Transportation

Variations require slightly larger blades / components transported to site, but no change to transport route and no change to traffic impacts

## Cultural Heritage

Minor nature of variations result in no change in impacts on the setting of 4 key cultural heritage features assessed

## Utilities and Telecommunications

Banks have received confirmation that a mitigation solution exists in relation to interference with microwave links. The variations do not impact this.

# Further information

The full variation application, which includes the environmental statement, can be viewed at the following venues:

*South Lanarkshire Council  
Montrose House  
154 Montrose Crescent  
Hamilton  
ML3 6LB*

*South Lanarkshire Council  
South Vennel  
Lanark  
ML11 7JT*

*St Brides Centre  
Braehead  
Douglas  
ML11 0PT*

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Banks Renewables, Block C, Brandon Gate, Leechlee Road, Hamilton, Lanarkshire ML3 6AU  
T: 0844 209 1515 W: [www.banksgroup.co.uk/middlemuir](http://www.banksgroup.co.uk/middlemuir) E: [middlemuir@banksgroup.co.uk](mailto:middlemuir@banksgroup.co.uk)

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