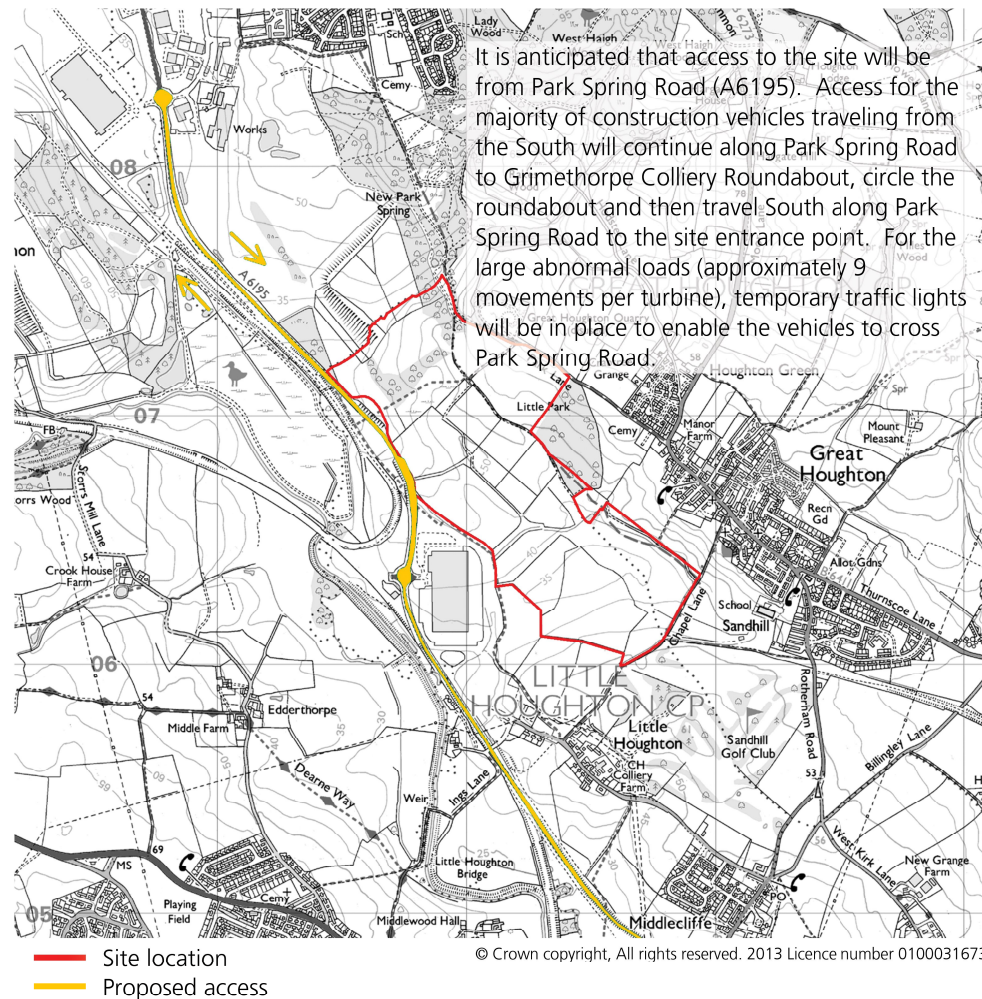




The proposal

EDF Energy Renewables is investigating the potential for three turbines on a site to the north of Little Houghton, between the villages of Great Houghton and Grimethorpe, in Barnsley.

The location of the proposed turbines falls within the Barnsley Metropolitan Borough Council jurisdiction.

The scheme incorporating 3 turbines with a maximum height of 126.5m would have an installed capacity of circa 6MW.

Your chance to find out more

As part of its consultation with the local community, EDF Energy Renewables is hosting this event to give everyone the opportunity to learn more about the proposals and provide feedback.

This event will give you the chance to see details of the proposal and discuss it with members of the development team. Your views are important to us and will help to inform our proposals.

Update

The community feedback from the previous two public consultation events in March 2013 held in the Sandhill Golf Club and Great Houghton Welfare Hall indicated concerns with the proposed transport route to the site. We are addressing these concerns, a revised access route is currently being discussed with Barnsley Metropolitan Borough Council.

EDF Energy Renewables and wind energy

A diverse energy mix is crucial to addressing climate change, ensuring security of supply and providing affordable electricity. EDF Energy Renewables is a key UK generator of renewable energy and during 2013 will have 25 wind farms in operation with an operating capacity of up to 525MW.

Wind power is a sustainable low carbon source of energy. The Government recognises the many benefits of green energy and is supporting the growth of renewable generation. Onshore wind is making a significant contribution towards the aspiration to deliver 30% of our electricity requirements from renewable sources by 2020.

What happens next?

The ongoing public consultation process is designed to allow local residents and stakeholders to provide feedback on our plans. The feedback will be used by us when compiling our Environmental Impact Assessment which will accompany the planning application for the wind farm. If the local council grants planning permission, then it is expected that the wind farm would be constructed in 2015.

APPENDIX C: PUBLIC EXHIBITION PANELS

Park Spring
Wind Farm



Welcome

Park Spring Wind Farm
Community Consultation Day



Welcome to the Park Spring Wind Farm Community Consultation Day

EDF Energy Renewables would like to welcome you to this community consultation event.

We are keen to hear your views on our proposals and we invite you to complete a short questionnaire on the scheme before you leave.

Listening to you

This exhibition outlines the current plans for Park Spring Wind Farm. Please take your time to study the information boards and ask any questions you may have.

If you have any comments, or would like to know more, EDF Energy Renewables and our environmental consultants are here to help answer any questions that you may have.

EDF Energy Renewables is a key generator of renewable energy sourced from the 25 wind farms, with a capacity of over 525MW, which we will operate in 2013.

Your feedback will be used to inform our proposals

Thank you for taking the time to visit us today



Park Spring Wind Farm



Our Proposal

EDF Energy Renewables is investigating the potential to develop Park Spring wind farm on arable land to the east of Park Spring Road, north of Little Houghton, between the villages of Great Houghton and Grimethorpe.



The proposed wind farm would incorporate a maximum of three turbines, each with a generating capacity of around 2MW, and a maximum tip height of 126.5m.

The turbine towers will be made from steel and the rotor blades will be constructed of a glass reinforced plastic composite material. The turbines will be connected to a new substation on site using underground cables.

When developing a wind farm, a full Environmental Impact Assessment (EIA) is required. EDF Energy Renewables has commissioned a number of specialist consultants to undertake a detailed and comprehensive EIA for the proposed Park Spring wind farm.

The EIA is examining the potential environmental effects during construction, operation and decommissioning of the wind farm.

The proposed Park Spring Wind Farm will have a lifetime of up to 25 years, after which time the turbines and associated access tracks will be decommissioned and removed. The anticipated electrical output could be enough to power circa 3000* homes annually.

*Based upon information sourced from Digest of UK Energy Statistics and Department of Energy and Climate Change



Turbine Layout

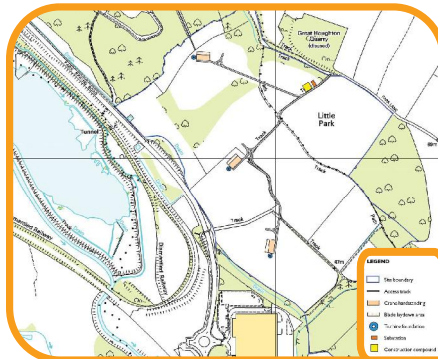
The overall aim is to produce a turbine layout that will have the least impact on the environment whilst optimising the renewable energy generation potential of the site.

The current proposals for the Park Spring wind farm site are:

- 6MW of low carbon generating capacity
- 3 turbines of up to 126.5m to tip height
- On site substation and control building

A number of factors influence the design of the wind farm. These include:

- How the wind farm will look from the surrounding area
- Distance to residential and other properties
- Sufficient spacing between turbines so they will work efficiently
- Providing stand off distances to roads, Public Rights of Way, water features, woodland and radio communication links
- Other constraints such as nearby cultural heritage assets (for example Listed Buildings) and bird navigation routes, etc



As part of the consultation on our proposals, we welcome any comments on our layouts. Your views can help us to improve the design and give us the opportunity to discuss specific concerns.



Noise Levels

Government guidelines specify acceptable levels of noise from wind turbines at the nearest dwellings. These noise levels are set to make sure that people can continue to enjoy their dwellings without disturbance.

The impact of noise from wind farms is assessed by comparing the predicted turbine noise to the measured typical background noise which already exists in the area, prior the wind farm operating.

EDF Energy Renewables has consulted with the local authority to determine appropriate noise monitoring locations and the overall noise assessment methodology.

The background noise data is currently being collected from residential properties in the vicinity of the wind farm site. The findings of this noise study will be presented in the EIA, and the scheme will be designed to ensure the wind farm will operate within all the relevant noise limits and criteria.

The assessment is being undertaken in accordance with the Government's recommended guidelines for assessing wind farm noise – a document called ETSU R-97 'The Assessment and Rating of Noise from Wind Farms'. The assessment will consider daytime and night time noise levels and will take account of wind shear and low frequency noise as recommended by industry best practice guidelines.



Landscape and Visual Assessment

The EIA will assess the impact of the proposed wind farm on the visual amenity of the surrounding area and the wider landscape.

The impact of the wind farm development on sensitive receptors, such as nearby residential properties, cultural heritage assets and landscape designations, will be fully assessed.

Panoramic photographs have been taken from a number of representative viewpoints. Photomontages have been created for a number of views to provide a simulation of how the wind turbines would be viewed within the landscape.



Representative photomontages will be included in the Environmental Impact Assessment to be provided as part of the planning application and will be available for public viewing by agreement with the local planning authority.



Park Spring Wind Farm



Photomontages are for illustrative purposes only. Full-size versions to be submitted with Planning Application.



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Ecology and Ornithology

Ecology

The EIA includes an ecological investigation that assesses the impact of the proposed wind farm on the local flora and fauna. Extensive ecology surveys are being undertaken and the results will be discussed with consultees such as Natural England and Barnsley Metropolitan Borough Council.

Ornithology

Both breeding and winter bird surveys have been undertaken. The impact on any sensitive species in the area will be studied and quantified. As well as comprehensive site studies, there has also been consultation with Natural England and the RSPB. Results of the ecology and ornithological studies will be presented in the EIA.



Park Spring Wind Farm



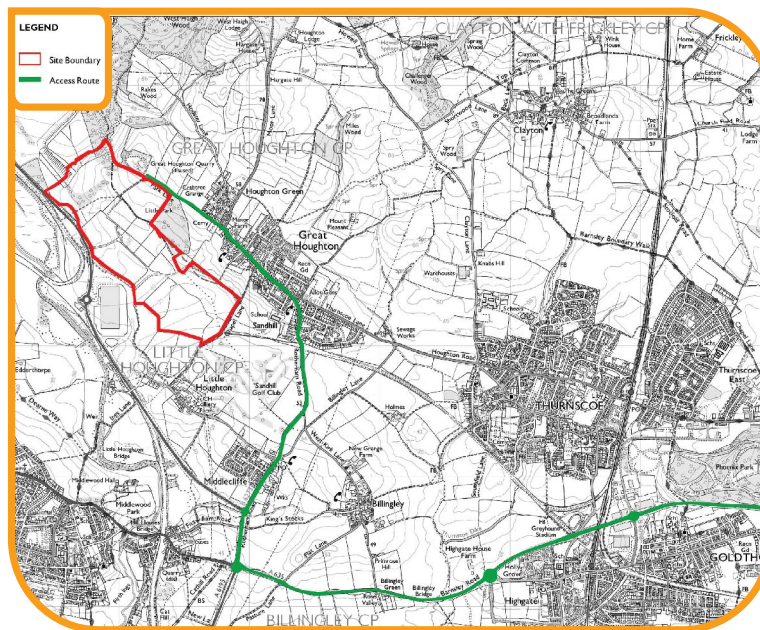
Transport and Infrastructure

Each turbine will be delivered in sections and assembled on site. The traffic associated with the wind farm's construction, operation and decommissioning will be quantified and assessed as part of the EIA process.

Internal access tracks are required to access the turbines and other site infrastructure. Internal tracks are typically 5 metres wide and made of crushed compacted stone.

Access arrangements to site will be carefully considered through discussions with the highways department of Barnsley Metropolitan Borough Council and the local community.

It is anticipated that the construction period for Park Spring wind farm would last for 6-9 months. During this time, traffic movements to and from site would be mainly light vehicles and normal HGV's. The transportation of the turbine components requires specialised transporters, these deliveries would be few in number and would be timed to create as little disturbance as possible.



What Happens Next?

Following the completion of the ongoing studies and public consultation, EDF Energy Renewables could be in a position to submit a planning application to Barnsley Metropolitan Borough Council by the middle of 2013.

The planning application will be accompanied by an Environmental Statement that will present the full results of the EIA, together with details of all the surveys undertaken and any proposed measures to mitigate any potential impacts, where necessary.

Community Involvement

Our public consultation process will run until the planning application is submitted. Please feel free to contact us on Freephone **0800 056 6650** or complete an online comment form at **www.parkspringwindfarm.co.uk** Further information is also available at **www.edf-er.com**.

Community Fund

EDF Energy Renewables would set up a local community fund once the wind farm is operational.

This would provide a dedicated annual contribution that could be used for the benefit of local community projects for the lifetime of the wind farm.

Consultation

The planning decision will be made by Barnsley Metropolitan Borough Council. This will involve a formal consultation process with statutory bodies, councils and the public.

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*Thank you
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Why do we need renewable energy?

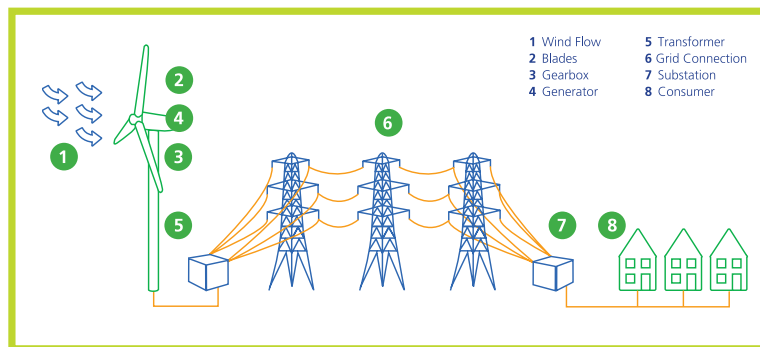
We believe a diverse energy mix is crucial to addressing climate change, ensuring security of supply and providing affordable electricity. This includes all types of low carbon generation as well as greater energy efficiency.

Tackling Climate Change

Renewables must play a major role in our future energy mix and EDF Energy Renewables is committed to developing new low carbon electricity generating capacity to help meet the UK's targets for tackling climate change.

The UK is committed to reducing its carbon dioxide (CO₂) emissions by 34% by 2020, and at least 80% by 2050.

The generation sector has a significant and vital part to play in reducing emissions of carbon dioxide and other greenhouse gases.



The UK has the best wind resources in Europe; the shift to a greater use of renewable energy will allow the UK to increase its security of supply, potentially reducing our demand for fossil fuels by around 10% and gas imports by 20-30% by 2020.



Climate Change and the Policy Content

Climate Change

Climate change is one of the most serious environmental problems faced by the world today. It is internationally recognized that the global climate is changing as result of increasing levels of 'greenhouse' gases in the Earth's atmosphere.

This growth in greenhouse gas levels is a direct effect of mankind's increased burning of fossil fuels, which, during processing and combustion, give rise to greenhouse gas emissions.

The incorporation of wind power into the national energy mix, at the expense of generation by fossil fuels power stations, helps to reduce emissions of greenhouse gases such as CO₂, SO₂, and NO_x. Other pollutants, such as PM₁₀s and Volatile Organic Compounds are also avoided.

Britain has the largest wind resource in Europe with over 40% of the realisable wind energy potential, making wind power an appropriate technology for reducing greenhouse gas emissions and addressing climate change.

National Policy Context

In 2007, the European Union agreed to cut greenhouse gas emission by 20% by 2020. As part of this agreement, the UK has a binding target to increase its share of energy generation from renewable sources to 15% by 2020.

In 2008, the Government passed the Climate Change Act. The Act requires a reduction in greenhouse gas emissions of 34% by 2020 and an 80% reduction by 2050 (relative to the 1990 baseline level).

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Park Spring
Wind Farm



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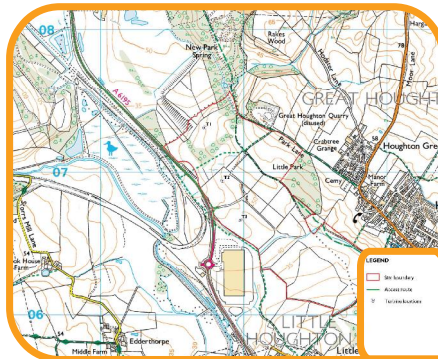
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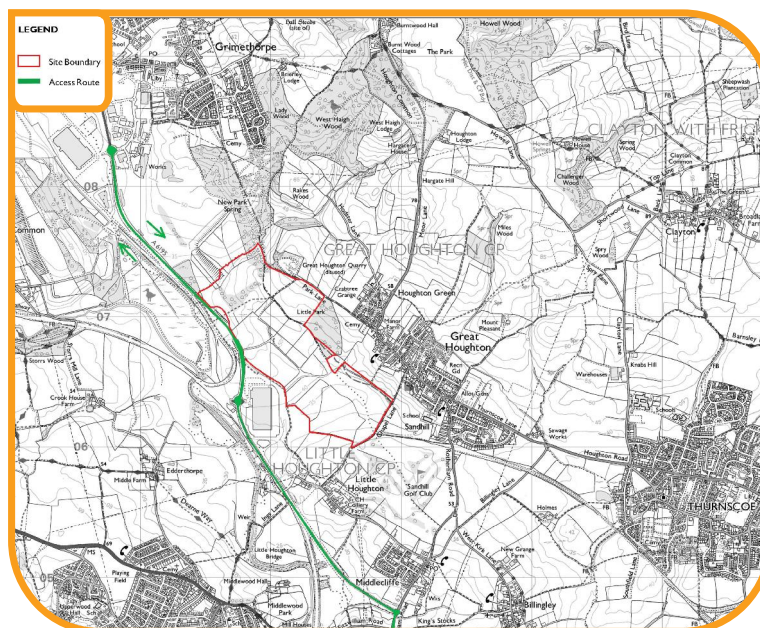
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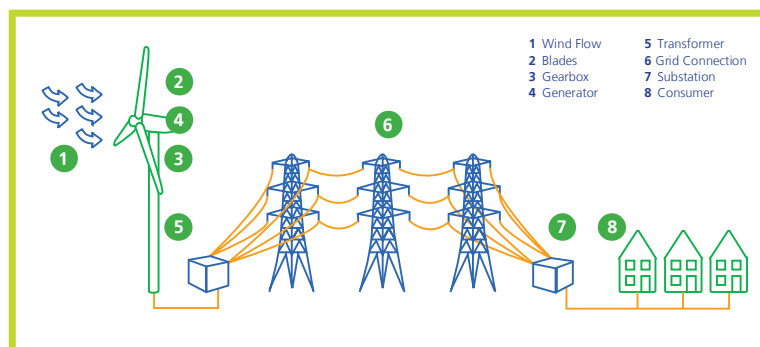
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APPENDIX D: PUBLIC EXHIBITION QUESTIONNAIRE

APPENDIX D



Park Spring Wind Farm Proposals Public Consultation

EDF Energy Renewables would like to hear your views on the Park Spring Wind Farm proposals.

There is no obligation to answer all or any of these questions. If you would prefer to submit an overall comment, please go straight to the last question.

1. The exhibition	Please tick	
Where did you find out about the wind farm exhibition?	Paper ☐	Website ☐
	Radio ☐	Poster ☐
	Newsletter ☐	Other ☐
Has the exhibition been useful and informative?	Yes ☐	No ☐
If not please explain why?		

2. About yourself	Please tick	
Are you a local resident?	Yes ☐	No ☐
If you're a resident please provide your postcode:		
Are you here as a representative of any organisation or group?	Yes ☐	No ☐
If so, which organisation?		
How old are you? (Optional)	Under 20 ☐	40-49 ☐
	20-29 ☐	50-59 ☐
	30-39 ☐	60+ ☐

3. The project	Yes	No	Unsure
Are you concerned about the potential effects of climate change?	☐	☐	☐
Do you support the generation of renewable energy in the UK?	☐	☐	☐
Do you support the development of onshore wind farms?	☐	☐	☐
Are you supportive of the Park Spring proposal?	☐	☐	☐
Have you ever seen a wind farm?	☐	☐	☐
Have you ever visited a wind farm?	☐	☐	☐

4. Do you have any further comments or questions in relation to the wind farm proposals?

Comment:

Name.....

Address.....

.....

Postcode.....

(Your name and address is optional but is requested to support your comments)

Please put your completed form in the box provided

If you require additional information please call us on Freephone 08000 0566650 or visit
www.parkspringwindfarm.co.uk

Your comments will be analysed by PB Power on behalf of EDF Energy Renewables. Copies might be made available, in due course, to statutory authorities so your comments can be noted. We will, however, request that your personal details are not placed on the public record. Your personal details will be held securely by PB Power and EDF Energy Renewables in accordance with the Data Protection Act 2000, will be used solely in connection with the consultation process and subsequent planning applications and, except as noted above, will not be passed to any third parties.

APPENDIX E: PRESS ADVERT

Park Spring Wind Farm

Community Consultation Days

Please join EDF Energy Renewables at our public consultation days to view and comment on the proposal for a new wind farm on a site located north west of Great Houghton in Barnsley.

Your views are important to us and will help to inform our proposals. We look forward to seeing you there and hearing your views.

Friday, March 1st

1.00pm - 7.00pm

Sandhill Golf Club, Little Houghton

Saturday, March 2nd

11.00am - 3.30pm

Great Houghton Welfare Hall, Barnsley

Further information:

www.edf-er.com

www.parkspringwindfarm.co.uk



**APPENDIX F: ATTITUDES TOWARDS PROPOSED PARK SPRING WIND FARM
(QUESTIONNAIRE RESPONSES)**