



4 Do you have any comments on the potential environmental impacts or mitigation measures?

5 Are there any particular matters that you wish to see considered by EDF Energy?

**Note:** Please feel free to use additional pages to supplement your response.

Disclaimer: Your personal details (if you provide any) will be held securely by EDF Energy and its consultants in accordance with the Data Protection Act 1998 and will be used solely in connection with the consultation process and subsequent planning application. Your response may be published following a request by the Planning Inspectorate as part of its consideration of the application, however all personal information would be redacted to ensure that publicly attributable responses cannot be used to identify an individual. Except as noted, your personal details will not be passed to any third party. By completing this questionnaire, you confirm you have read and accept this disclaimer.

EDF Energy welcomes any comments on the Project in writing either by post or email. Our contact details are below and responses are required by **5pm Monday 16 October 2017**.

Post to **FREEPOST WBC CONSULTATION**  
(no stamp or further address required)

Email [enquiries@westburtonc.co.uk](mailto:enquiries@westburtonc.co.uk)

Call us on Freephone **0800 520 2524**  
during normal office hours (please note you may be charged if you are calling from a mobile phone)



## Consenting Process

The Project is classified as a 'Nationally Significant Infrastructure Project' (NSIP) under the Planning Act 2008. This means a Development Consent Order (DCO) is required from central Government to allow EDF Energy to build and operate the power station. EDF Energy will submit an application for development consent to the Planning Inspectorate, the Government agency responsible for examining NSIP applications. The Planning Inspectorate will examine the application and make a recommendation to the Secretary of State who makes a final decision on whether or not to grant consent.

EDF Energy's application will be examined and determined in accordance with the National Policy Statements for energy. These statements set out the need for new energy infrastructure and outline the factors that would be taken into account when assessing proposals. For further information on the application process refer to <https://infrastructure.planninginspectorate.gov.uk/>

## How to Engage

We have distributed this newsletter to households within 3km of the mid-point of the Site and those within 10km of the mid-point of the Site where their village lies along a key transport route to the Site, as illustrated in **Figure 1.3**. All stakeholders have the opportunity to provide comments on the proposals and PEI Report. EDF Energy welcome any comments via our questionnaire or in writing either by post or email by **5pm Monday 16 October 2017**. See the bottom of the questionnaire for details.



Fig 1.3 Consultation Zone

The project team will also be available at our exhibitions listed below, or by phone (0800 520 2524)

- Thursday 14 September 2017 from 2 – 7pm at **Sturton Hall** Brickings Way, Sturton-Le-Steeple DN22 9HY
- Friday 15 September 2017 from 2 – 7pm at **Beckingham Village Hall** Southfield Lane, Beckingham DN10 4QA
- Saturday 16 September 2017 from 10am – 3pm at **Knaith Park Village Hall** 79 Willingham Road, Gainsborough DN21 5ET

Copies of the consultation documents, which comprise the Preliminary Environmental Information (PEI) Report, Non-Technical Summary, Statement of Community Consultation and this newsletter (and include plans and maps showing the nature and location of the Project), can be accessed via our webpage [www.westburtonc.co.uk](http://www.westburtonc.co.uk) or at the following locations between **Thursday 7 September** and **Monday 16 October 2017** (5pm):

- Gainsborough Library** Cobden Street, Gainsborough, Lincolnshire DN21 2NG Mon to Fri 9am – 5pm and Sat 9am – 1pm
- Retford Library** Churchgate, Retford, Nottinghamshire DN22 6PE Mon to Fri 9.30am – 6pm and Sat 9.30am – 4pm
- Bassetlaw District Council Worksop office** Queen's Buildings, Potter St, Worksop, Nottinghamshire S80 2AH Mon to Fri 9am – 5pm
- Bassetlaw District Council Retford office** 17b The Square, Retford, Nottinghamshire DN22 6DB Mon to Fri 9am – 5pm
- West Lindsey District Council office** Guildhall, Marshall's Yard, Gainsborough DN21 2NA Mon to Fri from 9am – 5pm. Open from 10am on Wednesdays.

A hard copy of all the consultation documents is available on request for a copying charge of £150.00. Requests should be made to [enquiries@westburtonc.co.uk](mailto:enquiries@westburtonc.co.uk)



Building *better energy* together



# West Burton C

EDF Energy is developing its proposals for a new gas-fired peaking plant power station with an output of up to 299 megawatts (MW) at its existing West Burton Power Station Site in Nottinghamshire, to be known as 'West Burton C' (the Project).

The proposals have been informed by feedback from the informal stage of consultation (5 July - 2 August 2017), as well as ongoing engagement with stakeholders, technical work and environmental studies. The key points of feedback received related to:

- the potential for amenity effects (e.g. noise and air quality) on those living along the principal transport routes to the Site and the capacity of the roads to accommodate large vehicles;
- the need to understand the potential environmental effects, particularly in terms of air quality, noise and visual effects, as a result of the Project, including those arising from the combined activities from the existing power stations; and
- queries around the future of the West Burton A power station and the rationale for the Project.

This newsletter responds to those queries, signposting to where in the other consultation documents further detail is provided.

**This newsletter also provides an overview of the following:**

- key details of the proposed Project and development site;
- the likely significant environmental impacts and approach to mitigation; and
- the consenting process, including details of how stakeholders can be involved in the process.

### FORMAL CONSULTATION

EDF Energy is currently seeking formal feedback on its proposals and related assessments in line with Sections 42 and 47 of the Planning Act 2008. The formal consultation provides stakeholders with an opportunity to ask any questions. All feedback will be used to inform further activities in preparing our application for development consent, which we anticipate submitting to the Planning Inspectorate in early 2018.

As well as this newsletter, which provides an overview, fuller details are provided within the Preliminary Environmental Impact (PEI) Report and Non-Technical Summary, which support this stage of consultation. Refer to the section 'How to Engage' for details of how to access the consultation documents and how to engage with the Project team during this formal consultation period, which runs from **Thursday 7 September** to **Monday 16 October 2017** (5pm). Regard will be had to all comments received during this period in developing our proposals and related assessments.

EDF Energy invests in a wide range of energy technologies to meet the United Kingdom's (UK) future demand for electricity. With the growth of renewable generation, the ability to meet short periods of peak demand and/or shortfalls in electricity production and provide technical services to the National Grid with flexible generation is increasingly important.

EDF Energy will be seeking consent to construct a 299MW gas-fired power station to meet these needs. Once operational it would provide generation at the times when requirements arise, therefore it would not run continuously.

EDF Energy's Nottinghamshire power stations comprise 4,000MW of coal generation at West Burton A (WBA) and Cottam and 1,300MW of gas generation at West Burton B (WBB), sufficient to power around 9 million homes. These stations play an important part in the energy mix, providing secure and flexible generation until new lower carbon generation comes on line.

**Figure 1.1** illustrates the location of the West Burton Power Station Site, with **Figure 1.2** illustrating the location of the Proposed West Burton C Site (the Site) that is to the north of the existing stations.

In addition, EDF Energy is also exploring the potential for a separate West Burton D (WBD) gas-fired power station of up to 50MW within the West Burton Power Station Site. This separate scheme would be subject to its own planning application to the local planning authority, Bassetlaw District Council. At the time of submitting an application, consultation would be undertaken with all stakeholders to seek their views. Therefore, this newsletter solely relates to the West Burton C Project.



Fig 1.1 The wider West Burton Power Station Site



Fig 1.2 West Burton C Site

## The Project

The West Burton C Project would provide up to 299MW of generation capacity for export onto the National Grid. It would comprise Open Cycle Gas Turbines (OCGTs), either as a single large unit or multiple (up to six) aero-derivative units, with associated stack(s) and auxiliary plant infrastructure required for a power station.

In an OCGT natural gas is used as the fuel, which is mixed and combusted with compressed air in the turbine. The hot combustion gases expand, rotating the turbine blades at high speed. This drives the generators to produce electricity for export to the National Grid electricity transmission system.

### The Project would help to:

- reduce a future shortfall in the UK's flexible electricity generation capacity, and support the further growth of renewable electricity supply by improving security of supply;
- create up to 200 jobs during the construction period;
- create up to 15 operational roles; and
- create economic benefits to the local economy through contract opportunities and positive knock-on effects for local businesses.

## Environmental Considerations

EDF Energy is currently assessing the potential significant environmental effects of the Proposed Development during the construction, operation and decommissioning periods.

The technical assessments cover air quality, traffic and transport, noise and vibration, ecology, landscape and visual amenity, ground conditions and hydrogeology, flood risk, hydrology and water resources, socio-economics, cultural heritage, and sustainability and climate change.

Each assessment considers potential effects of the Project on environmental sensitivities (including nearby residential communities, the River Trent, the Lea Marsh Site of Specific Scientific Interest, archaeological features and Conservation Areas) close to the Site. These assessments have been informed by desk-based assessments, modelling work, site surveys, engagement with stakeholders and professional expertise. These assessments provide the information necessary to address the related queries raised at the informal consultation stage in terms of the potential environmental effects arising from the Proposed Development.

The assessment work undertaken to date is detailed in the Preliminary Environmental Information (PEI) Report which supports this stage of consultation. The PEI Report details the baseline (i.e. current) environmental context; the preliminary assessment of the likely significant environmental effects (positive and negative) of the construction, operation and decommissioning periods of the Project; and a preliminary view of potential mitigation measures, where required. The outputs of the PEI Report are summarised in the Non-Technical Summary. The 'How to Engage' section informs how stakeholders can access the consultation documents and engage in this consultation. The assessments undertaken to date identify that the following significant impact may arise:

### Landscape and visual

A single adverse significant effect has been identified from a viewpoint on a public right of way in the vicinity of Bole (referred to as Viewpoint 4 in the PEI Report) as the Proposed Development would increase the proportion of power related development within the scene, albeit the Proposed Development would be seen against the backdrop of an existing power station.

Refer to **Chapter 10** of the PEI Report for further information.

In terms of other impacts, following the implementation of standard industry measures no significant noise impacts are predicted, and all piling activities would be undertaken in accordance with details to be approved by the local planning authority. Refer to **Chapter 8** of the PEI Report for further details.

Various measures would be embedded into the design of the Proposed Development to avoid or mitigate significant impacts (e.g. air quality) from arising.

Ultimately, an Environmental Statement will accompany the application for development consent, which will detail the full baseline environmental context, all likely significant environmental effects (positive and negative) of each period (i.e. construction, operation and decommissioning) and mitigation measures, as well as an assessment of cumulative impacts of this Project with other schemes.

## Feedback Response Form

Your views are important to us as we shape our proposals for a new power station at West Burton. We have provided the following questionnaire for you to give us your feedback on our proposals. You can also provide us with your views via written correspondence either separately or to support this feedback form. See the reverse of this feedback form for all methods of responding to this consultation.

Name:

Address:

Email:

Phone:

### 1 Did you comment during the informal consultation stage?

Yes  No  No, I wasn't aware of the Project

No, I didn't comment because...

### 2 What are your overall views on EDF Energy's proposals to build a new gas-fired power station at the West Burton Power Station Site?

Supportive  Opposed  Neutral  Undecided

### 3 Do you have any comments on the Project or wish to identify any information we should be aware of?

Just a couple more quick questions, please turn over leaf.