JULY 2017

West Burton C
Informal Consultation

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

This newsletter is to introduce you to the proposals and give you an opportunity to ask any questions or provide comments at this early stage. We will formally consult you in autumn 2017 on our detailed proposals, when you will be able to provide feedback to help shape our proposals ahead of us submitting an application for development consent in early 2018.

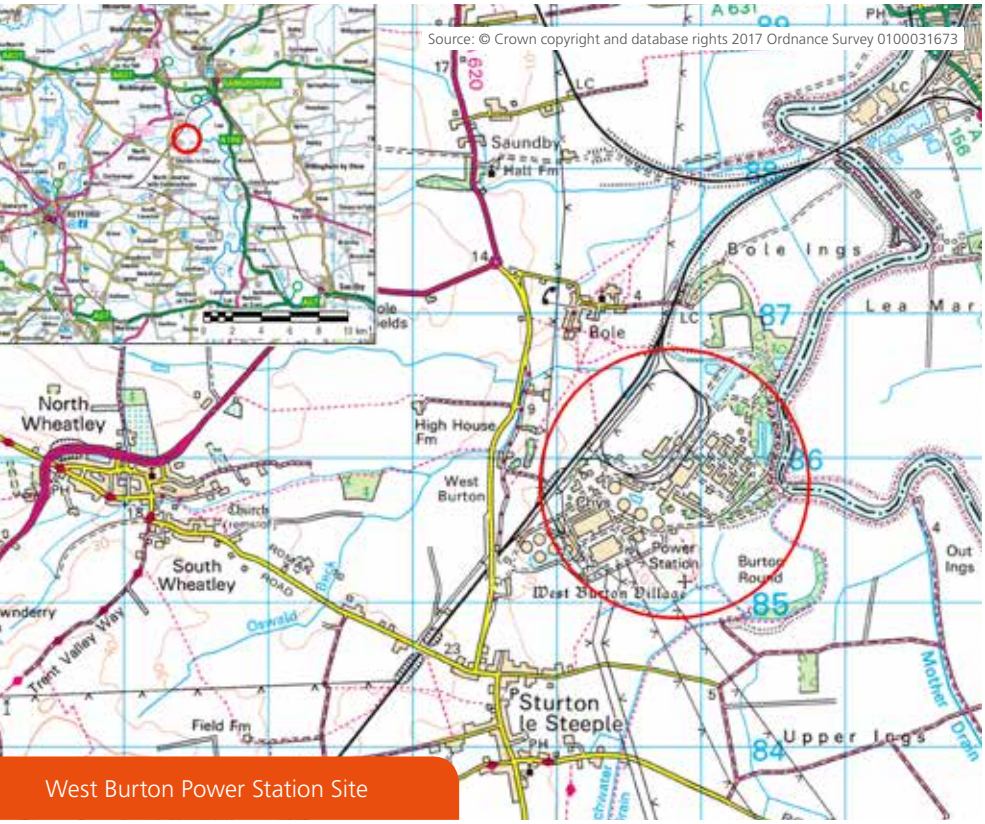
PUBLIC EXHIBITION

We will be at Sturton Hall (Brickings Way, Sturton Le Steeple, DN22 9HY) between 10am and 3pm on Saturday 8 July 2017 should you wish to speak to the team about the proposals.

Alternatively, you can contact us before 5pm on Wednesday 2 August 2017 with any questions or comments. Where appropriate we will use your feedback to inform the proposals that we will consult on in the autumn.

This newsletter provides an overview of the following, with more information being made available in the autumn:

- the technology options being considered;
- environmental and economic considerations;
- the consenting process and the next steps; and
- how to contact us and have your say.



West Burton Power Station Site

West Burton Power Station Site Plan

There is a long history of power generation at the West Burton Power Station Site. This includes the existing coal-fired power station, known as 'West Burton A' and 'West Burton B', a Combined Cycle Gas Turbine (CCGT) power station, as shown in the plans opposite.

EDF Energy invests in a wide range of energy technologies to meet the UK's need for electricity. With the growth of renewable generation, the ability to meet short periods of peak demand with flexible generation is increasingly important.

EDF Energy will be seeking planning consent to construct a gas-fired power station to meet this demand on land adjacent to the existing power stations at West Burton.

Once operational it would be ideally suited to provide electricity at times of peak demand.

The project would help to:

- reduce a future shortfall in the UK's electricity generation capacity, and support the further growth of renewable electricity supply to the UK by improving security of supply;
- create up to 150 jobs during the construction period;
- create up to 15 operational roles, which may be new jobs or roles undertaken by personnel from West Burton A and/or West Burton B stations; and
- create economic benefits to the local economy, through contract opportunities and positive knock-on effects for local businesses.

Technology Options

The proposed gas-fired power station would provide up to 299MW of peaking generation capacity for export onto the National Grid. The choice of plant is still being considered, drawing on on-going studies to ensure that the most suitable plant is selected for the Site and taking into consideration local constraints and the intended operating regime of the plant. We do know that the power station will be either one or more Open Cycle Gas Turbine (OCGT) or gas engines.

Open Cycle Gas Turbine Power Plant

In an OCGT, natural gas is used as the fuel, which is mixed and combusted with compressed air in a 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. An OCGT power plant of this scale could comprise a single large gas turbine or multiple (up to 6) gas turbines.

Gas Engines

In a gas engine, natural gas is also used as the fuel and it is mixed with air and combusted to drive the pistons which in turn drive a shaft to drive the generator to produce electricity. The number of engines would be dependent on the size of each engine selected for the plant.

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 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 our application and make a recommendation to the Secretary of State, who will make the final decision whether or not to grant consent for the project.

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 will be taken into account when assessing proposals.

For further information on the application process, please refer to **https://infrastructure.planninginspectorate.gov.uk/**

Environmental Considerations

There are a number of environmental sensitivities in the vicinity of the Site. These include nearby residential communities, the adjacent River Trent, the Lea Marsh Site of Specific Scientific Interest, conservation areas close to the Site and some locally important archaeological features.

EDF Energy is currently considering the potential environmental effects of the proposed development on these. The outputs of these assessments will be presented at the formal stage of consultation in the autumn. These technical assessments will consider the following:

- Air Quality
- Traffic and Transport
- Noise and Vibration
- Ecology and Nature Conservation
- Landscape and Visual Amenity
- Ground Contamination and Hydrogeology
- Flood Risk, Hydrology and Water Resources
- Cultural Heritage
- Socio-Economics
- Sustainability and Climate Change

Milestones for Securing Planning Consent

This chart indicates the key steps that EDF Energy will go through in seeking to secure a DCO.

- Completed
- Current Status
- Future Plans

Scoping Exercise (Spring/Summer 2017)

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Informal Engagement (5 July - 2 August 2017)

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Formal Consultation (Autumn 2017)

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Submission of Application for Development Consent (Winter 2017/18)

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Examination of the Application (2018)

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Decision by the Secretary of State (2019)

Next Steps

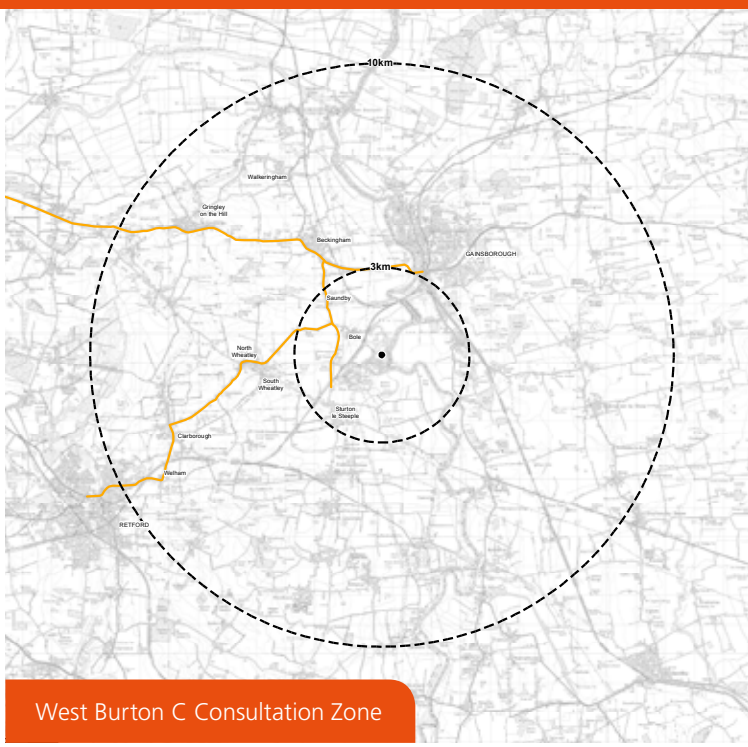
EDF Energy is currently engaging with the local authorities and technical stakeholders to develop its proposals and related assessments. Those assessments will be available during the autumn consultation and as part of the application for development consent.

At the formal consultation stage in the autumn, EDF Energy will consult the local community through a newsletter, exhibitions and making its proposals and assessments available on the project website and at venues in the local area.

Having Your Say

Our consultation zone has been defined as residential and business addresses within 3km of the West Burton Power Station Site and villages along transport routes into the Site located within 10km of the Site as indicated in the adjacent figure.

This newsletter has been distributed to this consultation zone. You will have the opportunity to provide your comments on the proposals at the formal stage of consultation in the autumn of this year. At that stage we will provide the community with a questionnaire seeking their views on the proposals. However, if you wish to provide us with any initial views at this early stage we would welcome these in writing (either by post or email)



West Burton C Consultation Zone

FREEPOST WBC CONSULTATION
(no stamp or further address required)

enquiries@westburtonc.co.uk

Alternatively, please visit us from 10am to 3pm at Sturton Hall on Saturday 8 July where our project team will be available to answer your questions, call us on **0800 520 2524**, or visit our webpage at **www.westburtonc.co.uk**

EDF ENERGY