

This Annex presents the consultation undertaken and responses received as part of the pre application consultation for the Proposed Development. Consultation was undertaken in three parts:

- community consultation;
- consultation with statutory and other consultees; and
- discussions with Department for Business, Energy & Industrial Strategy on the proposed structure and content of this EIA Report.

A1.1 COMMUNITY CONSULTATION

A community newsletter was sent to all properties in the North Axholme Ward area (3766 copies) on the 30th June 2017. Responses were requested by 14th July 2017, although none were received. A copy of the newsletter is provided later in this annex (*Attachment A.1*).

A1.2 CONSULTATION WITH STATUTORY AND OTHER CONSULTEEES

A copy of the letter sent to statutory consultees on 30th June 2017 is provided in *Attachment A.2*. It was sent to the organisations presented in *Table A.1*. Responses from those who provided them are presented in *Table A.2*.

Table A.1 Organisations Consulted in the Preparation of this EIA Report

Consultees	
Department for Business, Energy and Industrial Strategy (BEIS)	Highways England
Environment Agency	National Grid
Natural England	RSPB
North Lincolnshire Council	Greater Lincolnshire Local Enterprise Partnership (LEP)
Historic England	Lincolnshire Wildlife Trust
NATS	Humberside Police
CAA	Anglian Water
Ministry of Defence	Highways England
Met Office	HSE

Table A.2 Consultation Responses

Consultee	Consultee Comments	How Addressed in this EIA Report
Anglian Water	<p>Thank you for the opportunity to comment on the proposed variation to the approved Keadby II development. The following response is submitted on behalf of Anglian Water.</p> <p>Based upon the information provided the proposed revisions to the existing development do not appear to have an effect on Anglian Water's existing assets.</p> <p>Therefore we do not have any further comments at this stage.</p>	No action required

Consultee	Consultee Comments	How Addressed in this EIA Report
	However we reserve the right to comment on the planning application once submitted.	
Historic England	Thank you for your letter dated 3rd July 2017 requesting our advice on the proposed variation of consent under section 36 of the Electricity Act 1989 dated 3 November in respect of the abovementioned project. In this instance we have no additional comments to make.	No action required
NATS	I refer to the consultation received by surface mail dated 30th June 2017 regarding the proposed variation of the section 36 consent for the CCGT. I can confirm that NATS's position remains unchanged and we anticipate no impact on our infrastructure and have no comments to make.	No action required

The Environment Agency responded to the consultation letter and advised that their internal specialists would be consulted on the application.

A1.3

DISCUSSIONS WITH DEPARTMENT FOR BUSINESS, ENERGY & INDUSTRIAL STRATEGY

Discussions with Department for Business, Energy & Industrial Strategy (BEIS) on proposed structure and content of the EIA Report were undertaken to meet expectations and ensure smooth registration of S36C application. The key comments received from BEIS are presented in *Table A.3*.

Table A.3 Consultation with BEIS

Consultee	Comments	How Addressed in this EIA Report
<p>Department for Business, Energy & Industrial Strategy</p>	<p>Whilst the proposed structure and outline document appears acceptable to us, you will appreciate that we have only had very limited time to consider and have not, for example, seen the original ES document or had an opportunity to look and familiarise ourselves with the previous section 36 decision. Obviously you will also wish to take account of the views of consultees, including the relevant planning authority(ies), Natural England, Historic England and the Environment Agency, when preparing the Environmental Statement Addendum. We note that you propose to do this in Annex B.</p> <p>We note that in Chapter 2. you intend to highlight changes that could lead to new or different environmental effects. This is helpful. Please also include a summary table in the ES for all environmental effects to set out:</p> <ul style="list-style-type: none"> • Whether those effects are the same/comparable/greater or less than for the original consented project • Whether a new assessment is presented in the ES addendum for each effect or whether we can rely on the original ES (with cross references) <p>We advise that you focus on those effects that are greater or different to the original consented projects and quantify the change as far as possible. Please also indicate where we can access the original ES (and also any subsequent Supplementary Environmental Information/Addendums).</p> <p>Given the proposed change in layout and increase in building/structure heights and width, we would suggest you should also consider the need for revised photomontages. Deviations from the Red Line Boundary should be clearly shown in maps/figures.</p> <p>You should be mindful of the fact that The Secretary of State is required to base his decision on “up to date environmental information.” In the interests of transparency, please be clear about the age of any baseline datasets used and for any older datasets, give reasons why they can be taken as being sufficiently up to date and fit for purpose.</p> <p>Your attention is also drawn to new EIA Regulations that came into force on 16 May 2017. The Electricity Works (Environmental Impact Assessments) (England and Wales) Regulations SI 2017/580 introduce a number of changes in relation to:</p> <ul style="list-style-type: none"> • the information to be included in an Environmental Statement (ES); • a requirement for ES's to be “based upon” scoping reports; and • For ES's to be prepared by “competent experts”. 	<p>Annex B referred to here is now this annex, Annex A</p> <p>This is variously addressed in <i>Table 3.1</i>, sections and tables at the end of <i>Chapters 4 and 5</i>, and summarised in <i>Chapter 8</i>.</p> <p>We have sought to focus the EIA Report on the most material changes and this is explained further in <i>Chapter 3</i>. The Consented Development ES is presented in Annex D.</p> <p>Photomontages of the Proposed Development are provided in <i>Chapter 3</i>. The red line boundary is unchanged (see <i>Figure 2.1</i>)</p> <p>The validity of the existing baseline data and material changes to the baseline are addressed in <i>Section 3.5</i> and <i>Table 3.2</i>.</p> <p>The implications of the 2017 EIA Regulations have been addressed and <i>Tables 1.2</i> and <i>1.3</i> set out how they have been addressed in the EIA Report.</p>

Consultee	Comments	How Addressed in this EIA Report
	<ul style="list-style-type: none"> This is not a full readout of all changes. You should ensure that you comply with Regulation 17 and Schedule 4 of these new EIA Regulations: http://www.legislation.gov.uk/ukxi/2017/580/pdfs/ukxi_20170580_en.pdf. <p>You should also be aware of the Department's public guidance note on varying consents under section 36 of the Electricity Act 1989 for generating stations in England and Wales: https://www.gov.uk/government/publications/varying-consents-granted-under-section-36-of-the-electricity-act-1989-for-generating-stations-in-england-and-wales</p> <p>Regulation 3 of The Electricity Generating Stations (Variation of Consents) (England and Wales) Regulations 2013 also sets out the information that must be included in a section 36 variation application: http://www.legislation.gov.uk/ukxi/2013/1570/contents/made</p> <p>I draw your attention to the CCR guidance on the GOV.UK website available at the following link: https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/43609/Carbon_capture_readiness_-_guidance.pdf</p> <p>You should also refer to the CHP Guidance on the GOV.UK website available at the following link: https://www.gov.uk/consents-and-planning-applications-for-national-energy-infrastructure-projects#exploring-combined-heat-and-power-chp</p> <p>Finally, Regulation 61 of the Conservation of Habitats and Species Regulations 2010 (as amended) ("the Habitats Regulations") require the Secretary of State to consider whether the proposed Development would be likely, either alone or in-combination with other plans and projects, to have a significant effect on a European site or European offshore marine site as defined in the Habitats Regulations and the Offshore Habitats Regulations. If likely significant effects cannot be ruled out, then the Secretary of State must undertake an Appropriate Assessment ("AA") addressing the implications for the European Site in view of its conservation objectives. In light of any such assessment, the Secretary of State may grant development consent only if it has been ascertained that the project will not, either on its own or in-combination with other plans and projects, adversely affect the integrity of such a site, unless there are no feasible alternative or imperative reasons of overriding public interest apply.</p> <p>The applicant is required to provide sufficient information to inform any Habitats Regulations Assessment ("HRA"). This should detail distances of designated sites from the proposed project area both in tabular and graphic format. For the purposes of the HRA, please check with Natural England that up-to-date advice on European Site Conservation Objectives, including any accompanying Supplementary Advice which may support them.</p> <p>An assessment with regards to potential impacts on European sites should take account of risks of air pollution and how these can be managed or reduced (and we note from your consultee letter that the intention is to focus on air quality effects at protected sites in the HRA). The applicant should check with the Environment Agency ("EA") for up-to-date advice on the assessment for the purposes of the HRA. In-combination effects should account for other plans and projects within a 15km radius when considering species associated with a named European site.</p>	<p>This guidance was followed in preparing the ES for the Consented Development and for this EIA Report.</p> <p>Noted</p> <p>An updated CCR report is provided as <i>Annex G</i>.</p> <p>An updated CHP report is provided as <i>Annex F</i>.</p> <p>A Habitats Regulations Assessment (HRA) Report focussing on the material design changes has been provided to supplement that provided with the ES for the Consented Development. The HRA identifies further schemes for inclusion in the in-combination assessment.</p>

Consultee	Comments	How Addressed in this EIA Report
	<p>Sufficient information on likely impacts should be provided to enable the Secretary of State to discharge his duties under the Habitats Regulations, the Wildlife and Countryside Act 1981 and also his biodiversity duty under the Natural Environment and Rural Communities Act 2006.</p> <p>With respect to protected species, a Phase 1 Habitat Survey should include any species that occupies adjoining land, but which may use the proposed development site. If the Phase 1 Habitat Survey indicates the need for additional survey work, then we would expect this to be carried out.</p>	



Keadby 2 Project July 2017 Update

This newsletter provides an update on our plans for the Keadby 2 CCGT (Combined Cycle Gas Turbine) power station.

SSE was originally granted consent for the 710MW Keadby 2 project in 1993. In 2016 the consent was generally updated and the maximum generating capacity increased to 820MW.

Recent advances in gas turbine design means there are larger, more efficient turbines available on the market which provide both economic and environmental benefits as a consequence of improved efficiencies. To capitalise on these developments, SSE is looking to revise the current planning consent to enable new generation of turbines to be used on the K2 project.

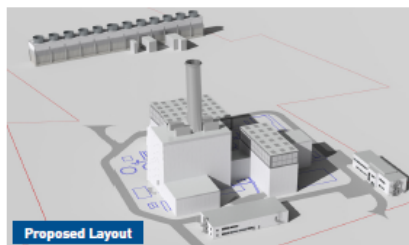
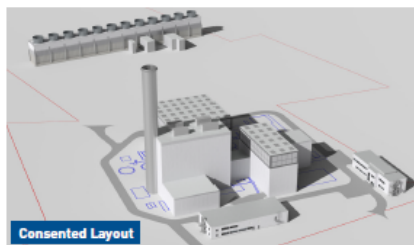
Proposed Amendments to the existing consent

SSE is seeking to amend the current planning permission for the Keadby 2 power station to increase its generating capacity to 910MW.

To support this planning amendment further environmental assessments are being carried out which take into consideration the following potential impacts:

• **Visual Impact**

The layout for this varied development differs slightly from the previously consented development. The stack has moved approximately 20 metres to the north. This modification does not materially affect the overall footprint of the project. The final engineering design of Keadby 2 will be settled after the appointment of the main contractor.



Continued overleaf

www.sse.com/keadby2

Proposed Amendments to the existing consent

Continued

• Traffic and Transport

SSE is aware the routes that vehicles will take to access the construction site of Keadby 2 are very important to residents. The planned route for construction traffic to the site will be via the North Piffrey Bridge from the A18 therefore avoiding local villages. The current consent allows for up to 10 abnormal loads to be brought to site via Ealand village. This amendment to the consent will not increase this requirement.

• Air Quality and Ecology

Emissions will be different as a result of the increased capacity and while this is not expected to lead to significant impacts on air quality for people, or for ecology, the assessment will examine these matters in detail.

Environmental Assessments

The environmental assessments being carried out on the above are generally not expected to show additional impacts above those outlined in the consented development.

Information on the assessments carried out will be available later in July in an Environmental Statement Addendum Report which will be available to download via the project webpage www.sse.com/keadby2

The proposed revision to the consent will be subject to an application to the Department for Business, Energy and Industrial Strategy (DBEIS).

Members of the public are invited to make comments on the proposed amendment by **14th July 2017**. Before we proceed to construction of Keadby 2, SSE would need to take a final investment decision.

Contact us

We welcome any comments or questions you may have about Keadby 2, you can contact our project liaison manager using the following details:

Jade Fearon (Liaison Manager)

Tel: **01724 788236** Mob: **07584 313526** Email: jade.fearon@sse.com

Post: **Keadby Power Station, Trentside, Keadby, SCUNTHORPE DN17 3EF**

Further information is available on www.sse.com/keadby2



Attachment A.2: Letter to Statutory and other Consultees

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Date: 30 June 2017

Your Ref: -

Our Ref: 2941E

Name
Address

Dear Sir or Madam

KEADBY DEVELOPMENTS LIMITED - KEADBY 2 POWER STATION PROJECT, KEADBY POWER STATION SITE, TRENTSIDE, KEADBY, NEAR SCUNTHORPE, NORTH LINCOLNSHIRE, DN17 5EF

CONSULTATION IN RESPECT OF THE PROPOSED VARIATION OF THE SECTION 36 CONSENT DATED 3 NOVEMBER 2016 FOR THE CONSTRUCTION AND OPERATION OF A 820 MEGAWATT COMBINED CYCLE GAS TURBINE GENERATING STATION

SECTION 36C OF THE ELECTRICITY ACT 1989 (VARIATION OF CONSENTS UNDER SECTION 36 'CONSENT REQUIRED FOR THE CONSTRUCTION ETC. OF GENERATING STATIONS') & THE ELECTRICITY GENERATION STATIONS (VARIATION OF CONSENTS) (ENGLAND AND WALES) REGULATIONS 2013

We write on behalf of Keadby Developments Limited ('KDL') to seek your views on the proposed variation of the Section 36 consent dated 3 November 2016 for the Keadby 2 Power Station Project (the 'Keadby 2 Project') at the Keadby Power Station Site, Trentside, Keadby, near Scunthorpe, North Lincolnshire.

A plan showing the location and extent (outlined in red) of the site for the consented Project accompanies this letter.

Background

The original Section 36 consent for the Keadby 2 Project was granted by the Secretary of State ('SoS') for the Department of Trade and Industry in 1993. The consent allowed for the construction and operation of a 710 megawatt ('MW') generating station on land within the existing Keadby (Keadby 1) Power Station site.

On 3 November 2016, the SoS for Business, Energy and Industrial Strategy ('BEIS') varied the 1993 consent under Section 36C of 'The Electricity Act 1989' to provide for the construction and operation of a 820 MW combined cycle gas turbine generating station at the site (the 'Consented Development'). Paragraph (2) of the November 2016 consent states that:

"2. The Development shall comprise:

(a) One combined cycle gas turbine generating station of up to 820MW consisting of:

Partners

N M Farnell BSc MRICS
R J Greenall BSc (Hons) MRICS
A R Holden BSc (Hons) FRICS

G Galoch BA (Hons) MRTP
A Vokery BSc MRICS MRV
G Dinning BSc (Hons) MRICS

B Murphy BA (Hons) MRUP MRTP
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S Page BA MA (Ged) MSc MRTP
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Consultants
M M Dale FRICS MRV
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- (i) One industrial gas turbine with associated boilers and single exhaust stack; and
 - (ii) One steam turbine
- (b) An Access road;
- (c) Ancillary plant and equipment; and
- (d) The necessary buildings (including administration offices) and civil engineering works.”

In response to further detailed design work on the Keadby 2 Project and discussions with potential technology suppliers, KDL now wishes to make a number of changes to the Consented Development. These will require the submission of a further variation application to the ~~SoS~~ for BEIS. The proposed changes are outlined below.

The Proposed Changes

The principal change to the Keadby 2 Project relates to its generating capacity.

Recent advances in the design of combined cycle gas turbines (‘CCGT’) has resulted in the availability on the market of larger, more efficient CCGT units, which, as a consequence of their improved efficiencies, provide both economic and environmental benefits. To allow the new generation of CCGT units to be deployed on the Keadby 2 Project and for these benefits to be secured, KDL is therefore proposing to increase the generating capacity of the Project from 820 MW to 910 MW.

The variation application will also include the following changes:

- Stack location - the location of the emissions stack has been altered as a result of plant configuration optimisation.
- Building dimensions - largely as a result of the decision to deploy the new generation of CCGT units, it has been necessary to increase the size of the gas turbine building and the heat recovery steam generator building (‘HRSGB’). The gas turbine building dimensions will be 48m in width, 50m in length and 44m in height in comparison to the consented dimensions of 45m W, 47m L and 44m H and those for the HRSGB will be 30m W, 50m L and 52m H in comparison to the consented dimensions of 27m W, 46m L and 44m H. The width of the cooling tower banks will be increased from 17m to 24m.
- Selective Catalytic Reduction (‘SCR’) - a SCR system will be included as part of the Project. The SCR system is designed to limit NOx emissions from the gas turbine exhaust.

While the proposed changes are not anticipated to result in materially different environmental effects from those reported in the Environmental Statement (‘ES’) for the Consented Development, KDL is reviewing that ES and will submit an ES Addendum as part of the variation application. The ES Addendum will be accompanied by a Non-technical Summary.

Based on a preliminary review of the increased generating capacity and design changes, the technical scope of the ES Addendum will focus upon the following:

- a project description that provides a clear description of the design changes from the (820 MW) Consented Development;
- operational air quality effects on people and any material changes from the Consented Development;
- operational effects on ecological receptors due to air quality effects and any material changes from the Consented Development; and
- a Habitat Regulations Assessment in the context of air quality effects (if any applicable) at protected areas.

The above technical elements of the ES Addendum will be presented as fully amended versions of the original assessments presented in the ES for the Consented Development.

At this stage it is not considered that a full update of the Landscape and Visual Impact Assessment for the Consented Development is required but comparative photomontages for the proposed variation may be presented to illustrate the extent of the minor visual changes.

In addition to the above, the ES Addendum will contain a consideration in regard to all the other environmental and socio-economic topics covered in the ES for the Consented Development, which will include any necessary updates to the assessment of cumulative and indirect effects.

If you wish to make any comments in respect of the proposed changes to the Keadby 2 Project we would request that these are made in writing and sent to:

Dalton Warner Davis LLP
21 Gartick Hill
London
EC4V 2AU

FAO: Mr R Booth

Alternatively, you can submit comments by email to: rb@dwdllp.com

Any comments should be submitted no later than **14 July 2017**.

Following the close of the consultation period KDL will take into account the comments received in finalising the variation application and the ES Addendum.

It is anticipated that the variation application will be submitted to the **SoS** for BEIS by the end of July 2017 and subject to the **SoS** confirming that it is 'suitable for publication', that you will be notified of the application toward the end of August.

If you have any questions with regard to the proposed changes to the Keadby 2 Project or require any further information please contact either Rob Booth or Geoff Bullock.

Yours faithfully



Dalton Warner Davis LLP

Dalton Warner Davis LLP (on behalf of KDL)

Enc. Site location plan