

**KEADBY 2 COMBINED CYCLE GAS TURBINE ('CCGT') GENERATING STATION, KEADBY, NORTH LINCOLNSHIRE**

**EXPLANATORY MEMORANDUM RELATING TO THE PROPOSED VARIATION OF THE SECTION 36 CONSENT DATED 10 SEPTEMBER 1993 AS VARIED BY THE SECRETARY OF STATE ON 3 NOVEMBER 2016 AND 21 DECEMBER 2017**

*Note: This Explanatory Memorandum explains the amendments that make up the proposed variation of the Section 36 consent for the Keadby 2 CCGT generating station as varied by the Secretary of State for Business, Energy and Industrial Strategy on 21 December 2017. As a result of these amendments, consequential amendments have been required to the numbering and ordering of the paragraphs and conditions and any associated cross-referencing.*

<b>Paragraph/ condition number</b>	<b>Amendment</b>	<b>Reason for amendment</b>
<b>(i) Consent under Section 36 of the Electricity Act 1989</b>		
1.	'Trade and Industry' deleted and replaced with 'Business, Energy and Industrial Strategy'	In order to refer to the correct Secretary of State
3. (1)	'and the application dated 10 July 2018' added	To refer to the variation application
3. (10)(d)	'cross hatched green' deleted and replaced with 'outlined orange'	So as to correctly identify the "designated site", meaning the Carbon Capture Readiness site as shown within the Carbon Capture Readiness Report dated 18 July 2017
<b>(ii) Direction under Section 90(2ZA) of the Town and Country Planning Act 1990</b>		
(1) 'the Development'	'and the variation application dated 10 July 2018' added	To refer to the latest variation application
(1) "Environmental Statement"	'and updated by the "Keadby 2 Environmental Impact Assessment Update Report" dated 10 July 2018' added	To refer to the Environmental Impact Assessment ('EIA') Update Report that forms part of the variation application
(6) Heavy Commercial Vehicle Traffic	'road network' added to the reason	To add missing words

<p>Movements [currently Condition 9]</p>		
<p>(10) Layout and Design [currently Condition 13]</p>	<p>Condition amended as follows:</p> <p>‘The Development shall be constructed within the limits defined by the <u>Multi-Shaft Layout Plan Drawing Consolidated Parameter Layout Drawing Number 105_0805_003540_Sheet 01 Rev 020_03</u> and <u>Multi-Shaft Elevations (Consented vs Proposed) Plan Drawing Number 105_0805_0037 Sheet 00 Rev 00</u> and shall not exceed the <u>dimensions/limits set out identified in the Environmental Impact Assessment Update Report dated July 2018, Table 2.1 “Building Dimensions Review” and the Environmental Impact Assessment Report dated 24 July 2017, Table 2.1 “Dimensions of Main Structures of the Proposed Development in comparison with the Consented Development” and Table 2.2 “Dimensions of Other Structures of the Proposed Development in comparison with the Consented Development” unless otherwise approved in writing by the Council. Where the dimensions set out in the Environmental Impact Assessment Update Report dated 10 July 2018, Table 2.1 differ from those set out in the Environmental Impact Assessment Report dated 24 July 2017 Tables 2.1 and 2.2, the</u></p>	<p>The Section 36 consent as varied allows for Keadby 2 to be constructed and operated in either single-shaft or multi-shaft plant configuration. The variations granted in November 2016 and December 2017 reference a ‘Consolidated Parameter Layout Plan’ at Condition 13 (proposed to become Condition 10). The Consolidated Parameter Layout accommodates either a single or multi-shaft plant configuration and Condition 13 ‘Layout and design’ of the 2017 Consent states that the generating station must be constructed within the limits defined by that plan and not exceed the dimensions for the main buildings and structures identified in the EIA Report dated July 2017 at Table 2.1 ‘Dimensions of Main Structures of the Proposed Development in comparison with the Consented Development’ and Table 2.2 ‘Dimensions of Other Structures of the Proposed Development in comparison with the Consented Development’.</p> <p>Since the last variation was granted in December 2017 Consent, the Company has taken the decision to proceed with the multi-shaft plant configuration and a technology provider has been selected. Further detailed design work has also been undertaken on the plan. This has resulted in some minor changes to the plant layout and the dimensions of the main buildings and structures, as illustrated by multi-shaft plan refs. 105_0805_0035_Sheet 01 Rev 02 and 105_0805_0037_Sheet 00 Rev 00 that form part of the Variation Application.</p> <p>In view of the decision to proceed with the multi-shaft plant configuration and the further detailed design work that has been undertaken, the Company is proposing to simplify the consent by changing Condition 13 (proposed to become Condition 10) so that instead of referencing the Consolidated Parameter Layout Plan it references the latest multi-shaft plans (refs. 105_0805_0035_Sheet 01 Rev 002 and 105_0805_0037_Sheet 00 Rev 00). It is also proposed that Condition 13 refers to the updated building/structure dimensions within the EIA Update Report dated July 2018 where these supersede the dimensions at Tables 2.1 and 2.2 of the EIA Report dated July 2017. The changes to Condition 13 will allow for the minor changes to the plant layout and building/structure dimensions and provide greater certainty and clarity to the local</p>

	<p><i>dimensions in the Environmental Impact Assessment Update Report shall be the relevant dimensions for the purposes of this condition.'</i></p>	<p>planning authority as to the details it will be asked to approve under the condition and the plant that will be built at the site.</p>
<p>(59)(ii) Flood Risk and Drainage <i>[currently Condition 70]</i></p>	<p>'commencement' deleted and replaced with 'commissioning' and 'works' replaced by 'flood risk mitigation measures'</p>	<p>Condition 70 (ii) (proposed to become Condition 59(ii)) currently requires the Company to undertake the site raising element of Keadby 2 (required for flood risk mitigation) and to notify the local planning authority that those works have been completed prior to the commencement of the 'Main Development'. The 'Main Development' is defined as <i>"the construction work commencing with the placing of the first concrete for the main plant foundations of the Development"</i>. However, as the plant needs to be set at an appropriate level to mitigate flood risk, the site raising works and Main Development are interconnected. It is therefore proposed that Condition 70 (ii) is amended so the requirement to notify the local planning authority that the site raising works have been completed is prior to the commissioning of Keadby 2.</p>