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Tees CCPP Project

The Tees Combined Cycle Power Plant Project
Land at the Wilton International Site, Teesside

Grid Connection Statement

The Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and
Procedure) Regulations 2009

Regulation 6(1)(a)(i)

Applicant: Sembcorp Utilities UK
Date: November 2017

DOCUMENT HISTORY

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GLOSSARY

Abbreviation	Description
CCPP	Combined Cycle Power Plant
DCO	Development Consent Order
kV	kilovolt
MVA	Megavolt Amperes
MWe	Megawatt electrical
TPS	Teesside Power Station

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1. INTRODUCTION

- 1.1 Sembcorp is making an application to the Secretary of State for a Development Consent Order (DCO) to construct and operate a new 1,700 MWe gas fired Combined Cycle Power Plant (Tees CCPP) at the Wilton International Site, Teesside.
- 1.2 Under Section 31 of the Planning Act 2008, a DCO is required to authorise development and subsequent operation of a generation asset of this size.
- 1.3 This Grid Connection Statement accompanies the application and has been prepared in accordance with The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009.

2. EXISTING SUBSTATIONS

- 2.1 In respect of this statement, it is notable that Tees CCPP will be situated on a site formally occupied by Teesside Power Station (TPS) a former 1,875MWe gas fired combined cycle power station. The turbines and all generation equipment associated with TPS were removed during demolition which was completed in 2015. Two grid connection substations, the gas connection and site drainage infrastructure were all however left in place.
- 2.2 These substations, owned by National Grid, are known as Greystones A and Greystones B. Both operated at a throughput capacity of up to 950MW each when previously in service. Each of these electricity substations contains 5 gas insulated circuit breaker units rated at 275kV/400MVA.
- 2.3 As each generator that will form part of the new Tees CCPP will be over 400MVA, it will therefore be expected that National Grid will have to modify the equipment within their sub-station.
- 2.4 New equipment will however be contained within the existing sub-station buildings. The substations are also connected to the adjacent Lackenby sub-station by two existing sets of 'double circuit' overhead transmission lines, each of which has significant over capacity. As such, while changes within the substation may be required, new overhead line infrastructure is not required in order to establish the Grid Connection for Tees TCPP so that it can export electricity to National Electricity Transmission System when in operation.
- 2.5 Figure below shows the existing substations, in dark blue, and the existing pylons in light blue.

- 2.1 Since the decommissioning of TPS, Greystones B has been adapted by National Grid to accept a shunt reactor. This would continue to operate in parallel to Tees CCPP.
- 2.2 The Greystones A and B sub-stations are formally within the red line planning boundary for the new development and are accessed from the highway via the existing power station site entrance on the south bound carriageway of the A1053.
- 2.3 The new power plant will also be able to supply the Wilton International site via existing underground cables that are owned and operated by Sembcorp. Power from each of the Greystone substations can be stepped down and fed into one of four 66kV circuits. These arrangements will be kept in place unmodified.
- 2.4 Two main generation units will be installed within the new Tees CCPP. These will generate electricity at a voltage of up to about 20kV subject to final generator design details. This will be increased to a voltage 275kV via step-up transformers that will be located close to the respective generators within the main plant area. In each case, 275kV gas-insulated lines will then transfer the power from the generation transformer terminals to the substation.
- 2.5 Given that the required grid connection infrastructure will be provided by existing National Grid assets, courtesy of the former development, Sembcorp believe that the proposed connection is entirely feasible and deliverable.
- 2.6 There will be not additional land required for the Grid Connection. Environmental, visual and technical parameters will remain largely unchanged.

3. CONTRACTUAL ARRANGEMENTS

- 3.1 Sembcorp has had ongoing discussions with National Grid with regards to the connection of the Tees CCPP Generating Units to the National Grid Greystones A and B Substations which are located within the redline of the Project plot.
- 3.2 Sembcorp have submitted a completed Connection Application for 1,700MWe Directly Connected Power Station Connected to the National Electricity Transmission System to National Grid on 19th September 2017 which has started the process of National Grid proposing a Connection Agreement. Application is in the Appendix.

APPENDIX

Grid Application Document

CUSC - EXHIBIT B

**THE CONNECTION AND USE OF SYSTEM CODE
CONNECTION APPLICATION**

**DIRECTLY CONNECTED POWER STATION
NON EMBEDDED CUSTOMER
DISTRIBUTION SYSTEM DIRECTLY CONNECTED TO THE
NATIONAL ELECTRICITY TRANSMISSION SYSTEM**

PLEASE STUDY THE FOLLOWING NOTES BEFORE COMPLETING AND SIGNING THE APPLICATION FORM.

Please note that certain terms used in the application form are defined in the Interpretation and Definitions (contained in Section 11 to the **CUSC**) and when this occurs the expressions have capital letters at the beginning of each word and are in bold. If the **Applicant** has any queries regarding this application or any related matters then the **Applicant** is recommended to contact **The Company**¹ where our staff will be pleased to help.

1. **The Company** (National Grid Electricity Transmission plc) requires the information requested in this application form for the purpose of preparing an **Offer** (the “**Offer**”) to enter into an agreement for connection to and in the case of a directly connected power station, use of the **National Electricity Transmission System**. It is essential that the **Applicant** supplies all information requested in the application form and that every effort should be made to ensure that such information is accurate.
2. Where **The Company** considers that any information provided by the **Applicant** is incomplete or unclear, or further information is required, the **Applicant** will be requested to provide further information or clarification. The provision/clarification of this information may impact on **The Company’s** ability to commence preparation of an **Offer**.
3. Should there be any change in the information provided by the **Applicant** then the **Applicant** should immediately inform **The Company** of such a change. Where this is a change in the information provided for Sections B to D then the **Applicant** should contact **The Company** to see if such a change can be accommodated as it is unlikely that material changes could be accommodated. If **The Company** cannot accommodate such a change bearing in mind the timescales within which the **Offer** must be made then the application will be processed on the original information although it is open to the **Applicant** to withdraw the application.
4. **The Company** shall charge the **Applicant**, and the **Applicant** shall pay to **The Company**, **The Company’s** Engineering Charges in relation to the application. A fee will be charged by **The Company** in accordance with the **Charging Statements**. No application will be considered until such payment has been received.
5. The effective date upon which the application is made shall be the later of the date when **The Company** has received the application fee pursuant to paragraph 4 above or the date when **The Company** is reasonably satisfied that the **Applicant** has completed Sections A-D. **The Company** shall notify the **Applicant** of such date.

¹ Customer Services, National Grid Electricity Transmission plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA (Telephone No. 01926 654634)

6. **The Company** will make the **Offer** in accordance with the terms of Paragraphs 2.13, 6.9 (Modifications) and Paragraph 6.10 (New Connection Sites) of the **CUSC** and the **Transmission Licence**.
7. **The Company** will make the **Offer** as soon as is reasonably practicable and, in any event, within three (3) months of the effective date of the application or such later period as the **Authority** may agree. The **Offer** may, where it is necessary to carry out additional extensive system studies to evaluate more fully the impact of the proposed development, indicate the areas that require more detailed analysis. Before such additional studies are required, the **Applicant** shall indicate whether it wishes **The Company** to undertake the work necessary to proceed to make a revised **Offer** within the three (3) month period or, where relevant the timescale consented to by the **Authority**. To enable **The Company** to carry out any of the above mentioned necessary detailed system studies the **Applicant** may, at the request of **The Company**, be required to provide some or all of the **Detailed Planning Data** listed in Part 2 of the Appendix to the **Planning Code** which is part of the **Grid Code**.
8. In the course of processing the application it may be necessary for **The Company** to consult the appropriate **Public Distribution System Operator(s)** on matters of technical compatibility of the **National Electricity Transmission System** with their **Distribution System(s)** or to consult the **Relevant Transmission Licensees** to establish the works required on the **National Electricity Transmission System** or to release information to **The Authority** in accordance with the **Transmission Licence**. On grounds of commercial confidentiality **The Company** shall need authorisation for the release to the **Public Distribution System Operator(s)** or **Relevant Transmission Licensees** or **The Authority** of certain information contained in the application. Any costs incurred by **The Company** in consulting the **Public Distribution System Operator(s)** or **Relevant Transmission Licensees** would be included in **The Company Charges** for the application. If it is found by the **Public Distribution System Operator(s)** that any work is required on their **Distribution System(s)** (except in the case of an **Application** for a **New Connection Site** located in **Offshore Waters**), then it will be for the **Public Distribution System Operator(s)** and the **Applicant** to reach agreement in accordance with Paragraph 6.10.3 of the **CUSC**.
9. In accordance with Paragraph 6.30.3 of **CUSC** **The Company** will need to disclose details of **Bilateral Agreements** entered into and shall need authorisation from the **Applicant** in respect of this.
10. If the **Applicant** is not already a **CUSC Party** the **Applicant** will be required as part of this application form to undertake that he will comply with the provisions of the **Grid Code** for the time being in force. Copies of

the **Grid Code** and the **CUSC** are available on **The Company's Website**² and the **Applicant** is advised to study them carefully. **Data** submitted pursuant to this application shall be deemed submitted pursuant to the **Grid Code**.

11. **The Company's Offer** will be based upon its standard form terms of **Connection Offer** and the **Charging Statements** issued by **The Company** under Standard Conditions C4 and C6 of the **Transmission Licence**. The **Applicant** should bear in mind **The Company's** standard form terms of **Offer** when making this application. In the case of **The Company's Offer** for a **New Connection Site** located in **Offshore Waters**, the **Offer** will identify the **Onshore Construction Works** based on specified assumptions about the **Offshore Construction Works** and these assumptions will be set out in the **Offer** but (subject to paragraph 24) the **Offshore Construction Works** will not be identified at that stage.
12. In particular, and subject to paragraphs 24 – 27 below **The Company** prepares **Offers** upon the basis that each party will design, construct, install, control, operate and maintain, in the case of the **User**, the **Plant** and **Apparatus** which he will own and, in the case of **The Company**, **Transmission Plant** and **Transmission Apparatus** usually but not necessarily applying the ownership rules set out in Paragraph 2.12 of the **CUSC** (Principles of Ownership). If the **Applicant** wishes **The Company** to carry out any of these matters on the **Applicant's** behalf (including where, should the **Transmission** substation at which the **Applicant** is to be connected be of a **Gas Insulated Switchgear** design, the **Applicant** would wish that **The Company** undertake the works but subsequently transfer the **Gas insulated Switchgear** to the **Applicant**) please contact **The Company**³ for further details.
13. **Applicants** of a type set out in **Grid Code** CC 8.1, Generators and DC Converter Station Owners, should appreciate that they will be required to perform **Mandatory Ancillary Services** to ensure that System Operational Standards can be achieved. This requirement may have implications towards **Plant** specification. You should be satisfied that before an application is made that your intended **Plant** design can meet the requirements.
14. Under Special Condition M of the Transmission Licence **The Company** has additional requirements in respect of information on **Offers** where an **Applicant** has applied for connections in Scotland as well as in England and Wales and the **Applicant** doesn't intend to connect at all locations, but intends to choose which location or locations to connect at on the basis of the offers it receives. Question 5 in Section A is intended to assist **The Company** in early identification of this situation arising. **The**

² www.nationalgrid.com/uk/electricity

³ Customer Services, National Grid Electricity Transmission plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA (Telephone No. 01926 654634)

Company's Website⁴ contains a statement that describes the means by which **The Company** shall ensure compliance with Special Condition M of its **Transmission Licence**.

15. **Applicants** have the option to request a **Connection Offer** on the basis of a **Design Variation**. In requesting such an **Offer**, the **Applicant** acknowledges that the connection design (which provides for connection to the **National Electricity Transmission System**) will fail to satisfy the deterministic criteria detailed in paragraphs 2.5 to 2.13 or 7.7 to 7.19, as appropriate, of the **NETS SQSS**. In making such an **Offer**, in accordance with its obligations under Paragraphs 2.13.2 and 2.13.7 or 2.13.11 of **CUSC**, **The Company** may include **Restrictions on Availability**. If **Applicants** require further assistance on this option they are recommended to contact **The Company** before completing this application form.
16. **The Company** will include **Offshore Restrictions on Availability** in any **Offer** made for **New Connection Sites** located in **Offshore Waters** which meet the **Offshore Standard Design and Design Variation** but not where the design is of a standard equivalent to or higher than the deterministic criteria detailed in paragraphs 2.5 to 2.13 of the **NETS SQSS**.
17. In the case of **New Connection Sites** located in **Offshore Waters** the **Offer** will be based on an assumption of connection to an **Offshore Transmission System** rather than an **ET Offshore Transmission System**. Consideration may be given as to whether the connection should be to an **ET Offshore Transmission System** and as a result it may be necessary for **The Company** to consult the appropriate **Public Distribution System Operator(s)**. Where the **New Connection Site** is to be connected to an **ET Offshore Transmission System** this will be reflected in the variations to the **Bilateral Connection Agreement** and **Construction Agreement** referred to in **CUSC** Paragraph 2.13.9. The **Company** will include **ET Restrictions on Availability** in any **Offer** made for **New Connection Sites** located in **Offshore Waters** which are connected or to be connected to an **ET Offshore Transmission System**.
18. The **Applicant** has the ability to pay a fixed price application fee in respect of their application or pay the actual costs incurred (variable price application fee). The fixed price application fee is derived from analysis of historical costs of similar applications. The variable price application fee is based on an advance of the Transmission Licensee's Engineering and out of pocket expenses and will vary according to the size of the scheme and the amount of work involved. The **Applicant** is requested to indicate their preferred basis of application fee in Section A question 4. The **Applicant**

⁴ www.nationalgrid.com/uk/electricity

is advised that further information can be obtained from the **Charging Statements** which can be found on **The Company's Website**⁵.

19. **The Company** will provide an **Offer** based upon the National Electricity Transmission System Security and Quality of Supply Standards (NETS SQSS). The criteria presented in the NETS SQSS represent the minimum requirements for the planning and operation of the **National Electricity Transmission System**. The NETS SQSS allows for a generation or demand **Applicant** to request a variation to the connection design. For example, such a connection design variation may be used to take account of the particular characteristics of a power station, the nature of connection of embedded generation or particular load cycles.
20. Any variation to connection design must not reduce the security of the MITS (Main Interconnected Transmission System) to below the minimum planning standard, result in any additional costs to any particular customer and compromise a transmission licensee's ability to meet other statutory obligations or licence obligations. Further details of these conditions and standards can be found on **The Company's Website**⁶.
21. **Applicants** in respect of **New Connection Sites** located in **Offshore Waters** should be aware that their **Connection** will be dependent on the appointment of an **Offshore Transmission Owner** in respect of such **Connection Site** by the **Authority**. **Applicants** should indicate their earliest date for entry into the **Offshore Tender Process** as part of their **Connection Application**.
22. Entry into the **Offshore Tender Process** is conditional on the **Applicant** having procured the appropriate lease(s) from the Crown Estate or having secured an appropriate option on such lease or leases. **Applicants** should provide evidence of such leases or options as part of this **Application** or evidence reasonably satisfactory to **The Company** that such leases or options will be obtained prior to the **Applicant's** desired entry date into the **Offshore Tender Process**.
23. **Applicants** in respect of **New Connection Sites** located in **Offshore Waters** should also be aware that except where the **Offshore Construction Works** are being progressed as **Offshore Transmission System Development User Works** the **Onshore Construction Works** will not generally be progressed in advance of the outcome of the **Offshore Tender Process** and acceptance of the variations envisaged in **CUSC Paragraph 2.13.9**. There may be some occasions however where **The Company** considers it better for specific elements of the **Onshore Construction Works** to be undertaken earlier and where this is the case this will be specified in the **Construction Agreement**. **The Company** may also consider a request to undertake specific elements of the **Onshore**

⁵ www.nationalgrid.com/uk/electricity

Construction Works such as engineering design and preliminary consents works subject to agreement of terms to cover this situation.

24. **Applicants** in respect of **New Connection Sites** located in **Offshore Waters** should indicate at Section A if they are not interested in undertaking **Offshore Transmission System Development User Works**. In such case the **Onshore Construction Works** will be based on assumptions about the **Offshore Construction Works** and these assumptions will be set out in the **Construction Agreement**. The **Offshore Construction Works** will not themselves be identified at that time.
25. The **OTSDUW Arrangements** allow the **Applicant** to undertake **Offshore Transmission System Development User Works** that is: activities and works in respect of the **Offshore Construction Works** which would otherwise be undertaken by an **Offshore Transmission Licensee**.
26. Whilst not compulsory, and recognising that until the **Applicant** receives the **Offer** it will not have received the assumptions referred to in paragraph 11, the **Applicant** may wish to indicate the scope of the **Offshore Transmission Development User Works** that it is interested in undertaking.
27. Any **Offer** made to the **Applicant** in respect of **New Connection Sites** located in **Offshore Waters** (other than an **Applicant** who has indicated at Section A that they are not interested in undertaking **Offshore Transmission System Development User Works**) will be made on the basis of the **OTSDUW Arrangements** and, unless the **Applicant** has requested otherwise, the **Construction Agreement** will be framed on the basis that the **Offshore Transmission System Development User Works** (including construction and installation) will be undertaken by the **Applicant** although this can be reviewed prior to acceptance. The scope and extent of the **Offshore Transmission System User Assets** and the **Offshore Transmission System Development User Works** will be considered and agreed prior to acceptance.
28. **Applicant's** should note that any assets resulting from the **Offshore Transmission System Development User Works** will not be available for use for the purposes of transmission until they have been transferred to an **Offshore Transmission Licensee**.
29. Please complete this application form in black print and return it together with the appropriate application fee to the Customer Services Manager, National Grid Electricity Transmission plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA (Telephone No. 01926 654634). In addition to returning the application form to the Customer Services

Manager an electronic copy of the application form may be e-mailed to **The Company** at camdata@uk.ngrid.com

30. For the most up to date contact details applicants are advised to visit **The Company's Website**⁵.

APPLICATION FOR A NEW CONNECTION

PLEASE ENSURE THAT YOU HAVE STUDIED THE NOTES BEFORE COMPLETING AND SIGNING THIS APPLICATION FORM

SECTION A. DETAILS OF APPLICANT (in respect of this application)

1. Registered Company

Name:..... Sembcorp Utilities (UK) Limited

Address (of Registered Office in the case of a Company)

..... PO Box 1985, Wilton International

..... Middlesbrough

..... TS90 8WS

Company Number:..... 04636301

Parent Company Name (if applicable):..... Sembcorp Utilities PTe Ltd

2. Company Secretary or person to receive CUSC notices

Name:..... Stephen Hands

Email:..... stephen.hands@sembcorp.com

Telephone:..... 01642 212009

Fax:.....

3. Commercial Contact/Agent (person to receive Offer if different from Company Secretary or person to receive CUSC notices identified in 2 above)

Name:.....

Title:.....

Address:.....

.....

.....

Email:.....

Telephone:.....

Fax:.....

APPLICATION FOR A NEW CONNECTION

PLEASE ENSURE THAT YOU HAVE STUDIED THE NOTES BEFORE COMPLETING AND SIGNING THIS APPLICATION FORM

4. Please identify which application fee basis you wish to use for this application.

Fixed price application fee

Variable price application fee

5. If this is an application for connection to the **National Electricity Transmission System Onshore** in England and Wales please complete 5a. If this is an application for connection to the **National Electricity Transmission System Onshore** in Scotland please complete 5b.

5a. Have you made any applications for connection to the **National Electricity Transmission System Onshore** in Scotland which are being processed prior to **Offer** by **The Company** or where an **Offer** has been made that **Offer** has not yet been accepted by you but remains open for acceptance?

If so, are such applications intended as alternatives to this one i.e. you intend to choose which of this or those other applications to proceed with on the basis of the offer made.

Yes – please list the applications.

.....
.....

No

Not sure

(**The Company** will contact you to clarify)

5b. Have you made any applications for connection to the **National Electricity Transmission System Onshore** in England and Wales which are being processed prior to **Offer** by **The Company** or where an **Offer** has been made that **Offer** has not yet been accepted by you but remains open for acceptance?

If so, are such applications intended as alternatives to this one i.e. you intend to choose which of this or those other applications to proceed with on the basis of the offer made.

Yes – please list the applications.

.....
.....

No

Not sure (**The Company** will contact you to clarify)

APPLICATION FOR A NEW CONNECTION

PLEASE ENSURE THAT YOU HAVE STUDIED THE NOTES BEFORE COMPLETING AND SIGNING THIS APPLICATION FORM

6. Where the **New Connection Site** is located in **Offshore Waters** please complete the confirmation below if you are not interested in undertaking **Offshore Transmission Development User Works**.

Confirm []

APPLICATION FOR A NEW CONNECTION

PLEASE ENSURE THAT YOU HAVE STUDIED THE NOTES BEFORE COMPLETING AND SIGNING THIS APPLICATION FORM

SECTION B. THE PROPOSED POINT OF CONNECTION

- 1. Please identify (preferably by reference to an extract from an Ordnance Survey Map for **Onshore** locations, or with the latitude and longitude or some other corresponding equivalent for **Offshore** locations) the intended location (the “**Connection Site**”) of the **Plant** and **Apparatus** (the “**User Development**”) which it is desired should be connected to the **National Electricity Transmission System** and where the application is in respect of a proposed **New Connection Site** other than at an existing sub-station. Please specify the proposed location and name of the **New Connection Site** (which name should not be the same as or confusingly similar to the name of any other **Connection Site**) together with details of access to the **Connection Site** including from the nearest main road.

Grid coordinates are NZ 565,205 - Tees CCPP Power Station
.....

Access via Kettle Beck on the A1053 Greystones Road (site entrance of the former
.....
Teeside Power Station,) between the A1085 and A174 on the A1053 to the existing
.....
Wilton site)

- 2. Please provide a plan or plans of the proposed **Connection Site** indicating (so far as you are now able) the position of all buildings, structures, **Plant** and **Apparatus** and of all services located on the **Connection Site**.

[https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads
/projects/EN010082/EN010082-000019-Scoping%20Report.pdf](https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN010082/EN010082-000019-Scoping%20Report.pdf)
.....
.....
.....

- 3. Give details of the intended legal estate in the **Connection Site** (to include leasehold and freehold interests and in the case of **Connection Sites** in Scotland legal interests and heritable or leasehold interests including servitudes or other real rights and in the case of **Connection Sites** located **Offshore** leaseholds granted by the Crown Estate) in so far as you are aware.

Freehold
.....
.....
.....

APPLICATION FOR A NEW CONNECTION

PLEASE ENSURE THAT YOU HAVE STUDIED THE NOTES BEFORE COMPLETING AND SIGNING THIS APPLICATION FORM

4. Who occupies the **Connection Site** in so far as you are aware?

Sembcorp Utilities (UK) Limited
.....
.....

5. If you believe that a new sub-station will be needed, please indicate by reference to the plan referred to in Section B question 2 above the **Applicant's** suggested location for it - giving dimensions of the area.

Dont require new substation. Connect to existing Greystones 275kV 'A' and 'B'
.....
.....

6. If you are prepared to make the land necessary for the said sub-station available to **The Company** or, for **Connection Sites** in Scotland or **Offshore**, make the land or **Offshore Platform** available to the **Relevant Transmission Licensee** - please set out brief proposals for their interest in it including (if relevant) such interest and the consideration to be paid for it.

Connecting to the existing National Grid Greystones 275 kV 'A' and 'B'
.....
.....

7. Is space available on the **Connection Site** for working storage and accommodation areas for **The Company** contractors or, for **Connection Sites** in Scotland, the contractors of the **Relevant Transmission Licensee**? If so, please indicate by reference to the plan referred to in Section B question 2 above the location of such areas, giving the approximate dimensions of the same.

Using the existing National Grid Greystones 275 kV 'A' and 'B'
.....
.....
.....

8. For **Connection Sites** located **Onshore**, please provide details (including copies of any surveys or reports) of the physical nature of land in which you have a legal estate or legal interest at the proposed **Connection Site** including the nature of the ground and the sub-soil.

Using the exiting National Grid Greystones 275 kV 'A' and 'B'
.....
.....

APPLICATION FOR A NEW CONNECTION

PLEASE ENSURE THAT YOU HAVE STUDIED THE NOTES BEFORE COMPLETING AND SIGNING THIS APPLICATION FORM

9. Please give details and provide copies of all existing relevant planning and other consents (statutory or otherwise) relating to the **Connection Site** and the **User Development** and/or details of any pending applications for the same.

Nationally significant infrastructure project planning application process underway.
.....

<https://infrastructure.planninginspectorate.gov.uk/projects/north-east/tees-ccpp/?ipcsection=overview>
.....

10. Is access to or use of the **Connection Site** for the purposes of installing, maintaining and operating **Plant** and **Apparatus** subject to any existing restrictions? If so, please give details.

.....
Access via Kettle Beck on the A1053 Greystones Road (site entrance of the former
.....
Teeside Power Station,) between the A1085 and A174 on the A1053 on the existing
.....
Wilton site land). Access does not form part of the security control access for Wilton.
.....

.....
There is a padlockable gate with National Grid access.
.....

11. If you are aware of them, identify by reference to a plan (if possible) the owners and (if different) occupiers of the land adjoining the **Connection Site**. To the extent that you have information, give brief details of the owner's and occupier's estates and/or interests in such land.

<https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN010082/EN010082-000019-Scoping%20Report.pdf>
.....
.....

12. If the **New Connection Site** is located in **Offshore Waters**, please indicate of the earliest date for entry of this project into the **Offshore Tender Process**. If no date is provided it will be assumed to be for entry into the first **Offshore Tender Process** following acceptance of the **Offer**.

n/a
.....

APPLICATION FOR A NEW CONNECTION

PLEASE ENSURE THAT YOU HAVE STUDIED THE NOTES BEFORE COMPLETING AND SIGNING THIS APPLICATION FORM

SECTION C. TECHNICAL INFORMATION

1. Summary of Application (brief description of plant to be connected):

.....
2 x 850 MW Gas turbine generators to be connected to National Grid Greystones 275 kV, A and B (850 MW to each)
.....

2. Please provide full details of the proposed application together with the relevant **Standard Planning Data** as listed in Part 1 of the appendix to the **Planning Code** which are applicable to you. Note: the data concerned forms part of the **Planning Code** and **Data Registration Code**. **Applicants** should refer to these sections of the **Grid Code** for an explanation.

3. Please provide a copy of your **Safety Rules** if not already provided to **The Company**.

Included []

Already provided [✓] Provided to National Grid
under contract A/IC/98/21-G

Will be provided later []

4. Please indicate if your plant may be able to provide (or you could consider providing) the following technical capability):-

a. Generation from Auxiliary Units (Reserve Services) [X]

b. Spinning Generation [✓]

c. Fast Start capability [X]

d. Frequency Response above Mandatory requirements [✓]

e. Demand Reduction / Management [X]

f. Reactive capability above Mandatory requirements [✓]

g. Synchronous Compensation [X]

h. Black Start Capability [X]

i. Emergency Maximum Generation [X]

j. Intertrip [X]

APPLICATION FOR A NEW CONNECTION

PLEASE ENSURE THAT YOU HAVE STUDIED THE NOTES BEFORE COMPLETING AND SIGNING THIS APPLICATION FORM

k. Other (please detail below) []

.....
.....

The Company's Website⁵ provides more information on the terms it offers for such technical capability.

5. Please confirm your intended **Connection Entry Capacity** (MW)

Connection Site [1700 MW]

Generating Unit(s) (if applicable)

Generating Unit 1 [850 MW]

Generating Unit 2 [850 MW]

Generating Unit 3 []

Generating Unit 4 []

Details of additional **Generating Units** are to be provided here

6. Please state the required **Transmission Entry Capacity**.....1700.....MW

7. Please confirm if:

a. You would like an offer that is compliant with the deterministic criteria detailed, in the case of **Onshore Connection Sites**, in paragraphs 2.5 to 2.13 and, in the case of **Offshore Connection Sites**, in paragraphs 7.7 to 7.19 of the NETS **SQSS**

YES/NO

and/or

b You would like an offer on the basis of a **Design Variation**.

YES/NO

If yes, please provide any information relevant to such an offer below:

.....
.....
.....

If yes, please confirm if you require information from **The Company** in relation to the probability of **Notification of Restrictions on Availability** being issued.

YES/NO

APPLICATION FOR A NEW CONNECTION

PLEASE ENSURE THAT YOU HAVE STUDIED THE NOTES BEFORE COMPLETING AND SIGNING THIS APPLICATION FORM

8. Do you wish to suggest an ownership boundary different from that set out in CUSC Paragraph 2.12?

Yes []

No [✓]

If yes please give details:.....
.....
.....
.....

9. Please confirm which ownership boundary at CUSC Paragraph 2.12.1 (f) you would want in the event that the **Transmission** substation at which the **Applicant** is to be connected is to be of a **Gas Insulated Switchgear** design:

(a) CUSC Paragraph 2.12.1 (f) (i) [✓]

(b) CUSC Paragraph 2.12.1 (f) (ii) []

Please note that in the case where the ownership boundary is in accordance with CUSC Paragraph 2.12.1 (f) (i) restrictions on availability as described within CUSC Schedule 2 Exhibit 1 will apply in the event of a **GIS Asset Outage**.

10. Are you considering building any assets that would be identified as **Transmission Connection Assets**? If you indicate yes **The Company** will contact you to discuss further details.

Yes []

No [✓]

11. For **New Connection Sites** located in **Offshore Waters** please indicate whether you are including any of the following items of additional information alongside your application. **Applicants** should note that though these items are not compulsory **The Company** will supply such information into the **Offshore Tender Process** in order that it may be expedited and may use the information in developing assumptions prior to the identification of **Construction Works** required **Offshore**.

Feasibility Studies []

Crown Estate Lease []

APPLICATION FOR A NEW CONNECTION

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Identified sub-sea cable routes []

Identified cable landing points []

Other (please specify) []

.....
.....

12. **Applicants** should note that for **Generating Units** proposed to be connected to an **Offshore Transmission System** certain requirements in respect of **Reactive Power** capability (contained within the **STC**, Section K and in the case of **Offshore Transmission System Development User Works**, the **Grid Code**) are placed upon the owner of the **Offshore Transmission System**. However the **Grid Code** also permits part or all of this requirement to be met by the **Generating Units** connected to the **Offshore Transmission System** should it be more efficient to do so. In order that an assessment of the most efficient method of providing **Reactive Power** capability may be made by an owner of an **Offshore Transmission System** an **Applicant** for a **New Connection Site** located **Offshore** is required to indicate (where known) the expected **Reactive Power** capability of the **Generating Units** expected to be connected at the **New Connection Site**. Where applicable please also reference in Section C, part 4f above.

.....
.....
.....
.....
.....

APPLICATION FOR A NEW CONNECTION

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SECTION D. PROGRAMME

Please provide a suggested development and construction programme in bar chart form for the work necessary to install the **User Development** (not the **Transmission Connection Assets** needing to be installed) indicating the anticipated date when the connection will be required to be made and any other key dates such as back feed date.

If not already included in the above bar chart please provide details of when the **Applicant** expects to be completing the substantive works that lead to the completion of the following phases of the **User Development** or reach the following relevant key milestones below and other additional milestones as necessary (working backwards from expected connection date at 'year 0'). This information is expected to provide the anticipated project overview at the time of application:-

- In the case of a **Connection Site** located in **Offshore Waters**, procurement of Crown Estate lease
- Planning Application Submitted (Town & Country Planning*, S36,S37)
- Earliest date of entry into the **Offshore Tender Process**
- Planning Consent Awarded
- Plant Ordered (i.e. **Power Station** or substation)
- Construction Started (site mobilisation)
- Construction Completed

Notes

- * The consent for the **User's Power Station** granted under Section 36 of the Electricity Act or planning permission for the **User's Power Station** granted under the Town and Country Planning Act 1990 or any amendment thereto in England and Wales or the Town and Country Planning (Scotland) Act 1997 or any amendment thereto in Scotland.

APPLICATION FOR A NEW CONNECTION

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SECTION E. Enabling Works [*Directly Connected Power Station or Distribution System where associated with Distributed Generation only*]

1. We confirm we do not/do want the **Enabling Works** to be greater in scope than the **MITS Connection Works**.
2. If you want the **Enabling Works** to be greater in scope than the **MITS Connection Works** specify the concerns, reasons or technical requirements that you are seeking to address by this.

CONNECTION APPLICATION

1. We hereby apply to connect our **Plant** and **Apparatus** to the **National Electricity Transmission System** at a **New Connection Site**. We agree to pay **The Company's** Engineering Charges on the terms specified in the **Notes** to the **Connection Application**.
2. We will promptly inform **The Company** of any change in the information given in this application as quickly as practicable after becoming aware of any such change.
3. If we are not already a **CUSC Party** we undertake for the purposes of this application to be bound by the terms of the **Grid Code** from time to time in force and to sign a **CUSC Accession Agreement**.
4. We authorise the release of certain information, on the grounds of commercial confidentiality, to the appropriate **Public Distribution System Operator(s)** or to the **Relevant Transmission Licensee**, or to the **Authority** in order to comply with **The Company's** obligations with respect to the **Offshore Tender Process**, should it be considered necessary.
5. We confirm that we:

meet The Company Credit Rating	[<input checked="" type="checkbox"/>]
do not meet The Company Credit Rating .	[<input type="checkbox"/>]
6. We confirm our agreement to the disclosure in the manner set out in Paragraph 6.30.3 of **CUSC** of the information specified in such Paragraph.
7. We confirm that we are applying in the category of:

Directly Connected Power Station	[<input checked="" type="checkbox"/>]
Non-Embedded Customer	[<input type="checkbox"/>]
Distribution System Directly Connected to the National Electricity Transmission System	[<input type="checkbox"/>]

[Please tick correct option].

SIGNED BY

.....

For and on behalf of the **Applicant**

Date:

END OF EXHIBIT B