INDICATIVE LEGAL TEXT FOR CAP174

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.
- 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.

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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 the Offshore Construction Works will not be identified at that stage.
- 12. In particular, **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 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 Company's Website**⁴ contains a statement that describes the means by which **The Company** shall ensure compliance with Special Condition M of its **Transmission Licence**.

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)

⁴ www.nationalgrid.com/uk/electricity

- 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 2.13.10 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** 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

⁵ www.nationalgrid.com/uk/electricity

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** Website⁶.
- 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 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 Construction Works such as engineering design and preliminary consents works subject to agreement of terms to cover this situation.
- 24. 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

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

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

SECTION A. <u>DETAILS OF APPLICANT (in respect of this application)</u>

| 1. | Registered Company |
|----|--|
| | Name: |
| | Address (of Registered Office in the case of a Company) |
| | |
| | |
| | |
| | Company Number: |
| | Parent Company Name (if applicable): |
| 2. | Company Secretary or person to receive CUSC notices |
| | Name: |
| | Email: |
| | Telephone: |
| | 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: |

| 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 [] | | | | |

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

Not sure [] (The Company will contact you to clarify)

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. |
|----|---|
| | |
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| | |
| 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. |
| | |
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| | |
| 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. |
| | |
| | |
| | |

| Who occupies the Connection Site in so far as you are aware? |
|---|
| 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. |
| |
| 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. |
| |
| |
| 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 plant referred to in Section B question 2 above the location of such areas, giving the approximate dimensions of the same. |
| |
| |
| |
| 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. |
| |
| |

| 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. |
|-----|--|
| | |
| 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. |
| | |
| | |
| | |
| | |
| 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. |
| | |
| | |
| | |
| 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 . |
| | |

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

SECTION C. <u>TECHNICAL INFORMATION</u>

| 1. | Sumi | mary of Application (brief description of plant to be connec | ted): |
|----|-----------------------|--|--------------------------------------|
| | | | |
| | | | |
| 2. | relev Plan forms Appl | se provide full details of the proposed application togeth ant Standard Planning Data as listed in Part 1 of the app ning Code which are applicable to you. Note: the data is part of the Planning Code and Data Registra icants should refer to these sections of the Grid C anation. | pendix to the a concerned tion Code. |
| 3. | | se provide a copy of your Safety Rules if not already prov npany. | vided to The |
| | | Included [] | |
| | | Already provided [] | |
| | | Will be provided later [] | |
| 4. | | se indicate if your plant may be able to provide (or you co ding) the following technical capability):- | uld consider |
| | a. | Generation from Auxiliary Units (Reserve Services) | [] |
| | b. | Spinning Generation | [] |
| | C. | Fast Start capability | [] |
| | d. | Frequency Response above Mandatory requirements | [] |
| | e. | Demand Reduction / Management | [] |
| | f. | Reactive capability above Mandatory requirements | [] |
| | g. | Synchronous Compensation | [] |
| | h. | Black Start Capability | [] |
| | i. | Emergency Maximum Generation | [] |
| | j. | Intertrip | [] |

| | k. Other (please detail | l below) | | [] |
|------|--|-------------------------------|-------------------------|-------------------------|
| | | | | |
| 5. | The Company's Website offers for such technical care. Please confirm your intended. | apability. | | |
| | Connection Site | [|] | , |
| | Generating Unit(s) (if app Generating Unit 1 Generating Unit 2 Generating Unit 3 Generating Unit 4 | olicable) [[[[|]]]] | |
| | Details of additional Gene | rating Units | are to be provid | led here |
| 6. | Please state the required | Transmissi | on Entry Capac | ityMW |
| 7. | Please confirm if: | | | |
| a. | You would like an offer detailed, in the case of O 2.13 and, in the case of O 7.19 of the NETS SQSS | nshore Con | nnection Sites, i | in paragraphs 2.5 to |
| and/ | or. | | | YES/NO |
| b | You would like an offer on | the basis of | f a Design Varia | |
| | If yes, please provide any | information | relevant to such | YES/NO an offer below: |
| | | | | |
| | If yes, please confirm if relation to the probability | you require | information from | m The Company in |
| | being issued. | | | YES/NO |

| 8. Do you wish to suggest an ownership bounda CUSC Paragraph 2.12? | | ooundary different from that set out i | n | | |
|--|--|--|--|---|---------------|
| | | Yes [| 1 | | |
| | | No [| [] | | |
| | - | _ | | | |
| | | | | | |
| 9. | Transmis | sion Conne | | assets that would be identified a If you indicate yes The Compan ills. | |
| | | Yes | [] | | |
| | | No | [] | | |
| 10. | whether y informatio though the informatio expedited | you are inc n alongside ese items a n into the C and may us | cluding any of your applicating the not compulse of the information of | in Offshore Waters please indicate the following items of additionation. Applicants should note the ory The Company will supply such Process in order that it may be in in developing assumptions prior taks required Offshore. | al at h |
| | | Feasibility S | Studies | [] | |
| | | Crown Esta | te Lease | [] | |
| | | Identified su | ub-sea cable rou | utes [] | |
| | | Identified ca | able landing poi | nts [] | |
| | | Other (pleas | se specify) | [] | |
| | | | | | |

| 11. | 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) 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. |
|-----|--|
| | |

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

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*, \$36,\$37)
- 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.

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**.
- 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.

| | necessary. | | |
|------------------------|---|----|--|
| 5. | We confirm that we: | | |
| | meet The Company Credit Rating do not meet The Company Credit Rating. | [] | |
| 6. | We confirm our agreement to the disclosure in the m Paragraph 6.30.3 of CUSC of the information sp Paragraph. | | |
| 7. | We confirm that we are applying in the category of: | | |
| | Directly Connected Power Station Non-Embedded Customer Distribution System Directly Connected to the National Electricity Transmission System [] | [] | |
| [Please | tick correct option]. | | |
| SIGNE | D BY | | |
| | | | |
| For and | d on behalf of the Applicant | | |
| Date: END OF EXHIBIT B | | | |