



**DRAFT FOR PANEL VOTE**

## **AMENDMENT REPORT**

### **CUSC Proposed Amendment CAP152**

#### **Exhibit B Revisions**

*The purpose of this report is to assist the Authority in their decision of whether to implement Amendment Proposal CAP152*

Amendment Ref	CAP152
Issue	0.2
Date of Issue	13 <sup>th</sup> December 2007
Prepared by	National Grid

**I DOCUMENT CONTROL****a National Grid Document Control**

Version	Date	Author	Change Reference
0.1	5/12/07	National Grid	Draft for Industry comment
0.2	13.12/07	National Grid	Draft for Panel Vote
0.3		National Grid	Draft for Panel comments
1.0			Final version submitted to the Authority

**b Document Location**

National Grid Website:

[www.nationalgrid.com/uk/Electricity/Codes/](http://www.nationalgrid.com/uk/Electricity/Codes/)

**c Distribution**

Name	Organisation
The Gas and Electricity Markets Authority	Ofgem
CUSC Parties	Various
Panel Members	Various
National Grid Industry Information Website	

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## 1.0 SUMMARY AND RECOMMENDATIONS

### Executive Summary

- 1.1 CAP152, Revision to CUSC Exhibits B Connection Application form, was proposed by National Grid and submitted to the CUSC Amendments Panel on the 29<sup>th</sup> June 2007. CAP152 aims to improve and update the CUSC Exhibit B, to provide greater clarity for Users when completing the Application forms and ensures the processes for application is efficient for all parties.
- 1.2 It should be noted that although CAP152-155 are separate CUSC Amendment Proposal the CUSC Amendments Panel permitted the Working Group to produce one Working Group report for all of the Amendment Proposals.

### National Grid Recommendation

- 1.3 National Grid, as the proposer of CAP152 is supportive of the Working Group Alternative, believing that it would better and BEST facilitate the achievement of the Applicable CUSC Objectives (a) and (b).

### Amendment Panel Recommendation

- 1.4 *To be added after the vote*

## 2.0 PURPOSE AND INTRODUCTION

- 2.1 This Amendment Report has been prepared and issued by National Grid under the rules and procedures specified in the Connection and Use of System Code (CUSC) as designated by the Secretary of State.
- 2.2 Further to the submission of Amendment Proposal CAP152(see Annex 2) and the subsequent wider industry consultation that was undertaken by National Grid, this document is addressed and furnished to the Gas and Electricity Markets Authority (“the Authority”) in order to assist them in their decision whether to implement Amendment Proposal CAP152.
- 2.3 CAP152 was proposed by National Grid and submitted to the CUSC Amendments Panel for consideration at their meeting on 26<sup>th</sup> June 2007. CAP 152 Working Group Report was submitted to the CUSC panel meeting on 30<sup>th</sup> September 2007. Following evaluation by the Working Group, the Amendments Panel determined that CAP152 was appropriate to proceed to wider industry consultation by National Grid.
- 2.4 This document outlines the nature of the CUSC changes that are proposed. It incorporates National Grid’s recommendations to the Authority concerning the Amendment. Copies of all representations received in response to the consultation have been also been included and a ‘summary’ of the representations received is also provided. Copies of each of the responses to the consultation are included as Annex 3 to this document.
- 2.6 This Amendment Report has been prepared in accordance with the terms of the CUSC. An electronic copy can be found on the National Grid website, at [www.nationalgrid.com/uk/Electricity/Codes/](http://www.nationalgrid.com/uk/Electricity/Codes/).

### **3.0 PROPOSED AMENDMENT**

- 3.1 CAP152 proposes amendments to CUSC Exhibit B. The proposal aims to improve and update the CUSC Exhibit B, to provide greater clarity for Users when completing the Application form and ensure the process for application is efficient for all parties.
- 3.2 CAP152 amends CUSC Exhibit B – Connection Application for Directly Connected Power Stations, Non Embedded Customers and Distributed Systems directly connected to GB Transmission System. In summary CAP152 seeks to improve the guidance notes for Users, address minor typographical errors, alignment and formatting issues. More substantially CAP152 ensures Users update National Grid when changes occur, introduces new questions regarding design variations from the GB SQSS and ownership boundaries. In addition CAP152 clarifies technical questions and requests additional project programme data relating to key project milestones.

### **4.0 WORKING GROUP ALTERNATIVE**

- 4.1 The Working Group developed an alternative to CAP152 Original. The Working Group agreed with the intent of CAP152 and the Working Group Alternative is based on the proposed amendments described in section 3 of this report. The Working Group Alternative for CAP152 provides additional clarity to the draft legal text in terms of guidance notes and the questions / information requests.

### **5.0 ASSESSMENT AGAINST APPLICABLE CUSC OBJECTIVES**

#### **Proposed Amendment**

- 5.1 CAP152 would better facilitate the CUSC Objective(s);
- (a) *the efficient discharge by the Licensee of the obligations imposed upon it by the act and the Transmission Licence; and*
  - (b) facilitating effective competition in generation and supply of electricity and facilitating such competition in the sale, distribution and purchase of electricity.
- 5.2 CAP152 ensures that the application forms are clear which will assist Users and National Grid in the efficient completion and processing of such forms.
- 5.3 The Working Group believed that CAP152 Original proposal would better facilitate the CUSC Applicable Objectives however the proposed amendment failed to address all the defects and clarifications identified by the Working Group.

**Working Group Alternative Amendment**

- 5.4 The Working Group believed that CAP152 Working Group Alternative would better and best facilitate the CUSC Objective(s);
- (a) *the efficient discharge by the Licensee of the obligations imposed upon it by the act and the Transmission Licence; and*
- (b) *facilitating effective competition in generation and supply of electricity and facilitating such competition in the sale, distribution and purchase of electricity.*
- 5.5 CAP152 ensures that the application forms are clear which will assist Users and National Grid in the efficient completion and processing of such forms.

**6.0 PROPOSED IMPLEMENTATION**

- 6.1 The Working Group and National Grid propose CAP152 should be implemented 10 Business Days after an Authority decision because there is no adverse impact on CUSC Parties. In accordance with 8.19(b) views were invited on this proposed implementation date and National Grid did not receive differing views.

**7.0 IMPACT ON THE CUSC**

- 7.1 CAP152 requires amendments to Exhibit B of the CUSC. The text to give effect to the original Amendment Proposal is attached as Part A of Annex 1 of this document.
- 7.2 CAP152 Working Group Alternative requires amendments to CUSC Exhibit B. The text to give affect to CAP152 Working Group Alternative is detailed in Annex 1 Part B of this document.

**8.0 IMPACT ON CUSC PARTIES****Proposed Amendment**

- 8.1 CAP152 has no impact upon CUSC parties.

**Working Group Alternative Amendment**

- 8.2 CAP152 Working Group Alternative Amendment no impact upon CUSC parties.

**9.0 IMPACT ON INDUSTRY DOCUMENTS****Impact on Core Industry Documents**

- 9.1 CAP152 and Working Group Alternative have no impact upon Core Industry Documents.

**Impact on other Industry Documents**

- 9.2 CAP152 and Working Group Alternative have no impact upon other Industry Documents.

## 10.0 IMPACT ON INDUSTRY COMPUTER SYSTEMS OR PROCESSES

10.1 CAP152 has no impact upon on Industry Computer Systems or Processes.

## 11.0 VIEWS AND REPRESENTATIONS

11.1 This Section contains a summary of the views and representations made by consultees during the consultation period in respect of the Proposed Amendment.

### Views of Panel Members

11.2 No views or representations were made by Panel Members in their capacity as Panel Members during the Consultation.

### View of Core Industry Document Owners

11.3 No views or representations were made by Core Industry Document Owners.

### Working Group

11.4 The Working Group unanimously supports CAP152 Working Group Alternative Amendment and believes the Alternative better facilitates Applicable CUSC Objective (a) and (b).

### Responses to Consultation

11.5 The following table provides an overview of the representations received. Copies of the representations are attached as Annex 3.

Reference	Company	Supportive	Comments
CAP152-CR-01	Centrica	Yes - WGA	Broadly supportive of the Working Group Alternative
CAP152-CR-02	EDF	Yes - WGA	Supportive of the Working Group
CAP152-CR-03	Scottish & Southern	Yes - WGA	Supportive but has concern that there is no option to choose both only a "compliant" offer or a Non-Firm Design Variation offer
CAP152-CR-04	Scottish Power	Yes - WGA	Supportive of WGA
CAP152-CR-05	RWE	Yes - WGA	Supportive of WGA

## 12.0 NATIONAL GRID RECOMMENDATION

12.1 National Grid, as the proposer of CAP152 is supportive of the Working Group Alternative, believing that it would better and BEST facilitate the achievement of the Applicable CUSC Objectives (a) and (b), as the original amendment failed to address all the defects and clarifications identified by the Working Group.

12.2 The issue raised by Scottish and Southern regarding Users not having the option to select both a compliant and Non-Firm Design Variation. National Grid agrees that this issue should be addressed and intends to include

drafting to that effect in CAP149 Consultation Alternative which is due to be issued shortly. However, if CAP149 Consultation Alternative is not approved by the Authority, National Grid will raise a housekeeping amendment at an appropriate time, if CAP152 is approved.

### 13.0 COMMENTS ON DRAFT AMENDMENT REPORT

13.1 National Grid received 1 responses following the publication of the draft Amendment Report. The following table provides an overview of each representation. Copies of the representations are attached as Annex 4.

Reference	Company	Summary of Comments
CAP152-AR-01	RWE	Original response had been omitted from draft Amendment Report for industry commented – this has now been corrected and the response is included with the Amendment Report

### 14.0 AMENDMENT PANEL RECOMMENDATION

14.1 *To be added after Panel Vote*

**ANNEX 1 – PROPOSED LEGAL TEXT TO MODIFY THE CUSC**  
**Part A - Text to give effect to the Original Proposed Amendment**

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**CUSC - EXHIBIT B**

THE CONNECTION AND USE OF SYSTEM CODE  
CONNECTION APPLICATION

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NON EMBEDDED CUSTOMER  
DISTRIBUTION SYSTEM DIRECTLY CONNECTED TO THE  
GB TRANSMISSION SYSTEM

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

- 1. **The Company** 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 GB 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 should is accurate.

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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.

- 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 Section A information provided by the **Applicant**, the **Applicant** must immediately inform **The Company** of such a change.

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- 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 advance 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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- 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 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

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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 **GB Transmission System** with their **Distribution System(s)** or to consult the **Relevant Transmission Licensees** to establish the works required on the **GB Transmission System**. On grounds of commercial confidentiality **The Company** shall need authorisation for the release to the **Public Distribution System Operator(s)** or **Relevant Transmission Licensees** 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)**, 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 at [www.nationalgrid.com/uk](http://www.nationalgrid.com/uk) 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.
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

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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** for further details.

- 13. **Applicants** which are licensed generators 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. **Applicants** are recommended to contact **The Company's** Headquarters on the number below.

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- 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 6 in section A is intended to assist **The Company** in early identification of this situation arising.

- 15. **Applicants** have the ability to choose whether they wish to apply on a fixed or variable application fee basis. Fixed application fee is derived from analysis of historical costs of similar applications. Variable 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. **Applicants are** requested to indicate their preferred application fee in **Section A** question 4. **Applicants are** advised that further information can be obtained from the **Charging Statements** which can be found on **The Company's** website. **If Applicants** require further assistance they are recommended to contact **The Company's** Headquarters on the number below.

- 16. Please complete this application form in black print and return it together with a cheque for the appropriate application fee to Customer **Services** Manager, National Grid Electricity Transmission plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA (Telephone No. 01926 65 **4634**).

- 17. For the most up to date contact details applicants are advised to contact **The Company's** website at [www.nationalgrid.com/uk](http://www.nationalgrid.com/uk).

### APPLICATION FOR A NEW CONNECTION

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

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The Company -

#### SECTION A. DETAILS OF APPLICANT

##### 1. Registered Company

Name: .....

Address: .....

Company Number: .....

Parent Company (if applicable): .....

##### 2. Company Secretary

Name: .....

Email: .....

Telephone: .....

Fax: .....

##### 3. Commercial Contact/Agent

Name: .....

Title: .....

Address: .....

Email: .....

Telephone: .....

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### APPLICATION FOR A NEW CONNECTION

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~~The Company -~~

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

Fixed price application

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Variable price application

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

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5a. Have you made any applications for connection to the **GB Transmission System** 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?**

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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.

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Yes

list the applications.

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No

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Not sure

(The Company will contact you to clarify)

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5b. Have you made any applications for connection to the **GB Transmission System** 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?**

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### APPLICATION FOR A NEW CONNECTION

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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    
list the applications .

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No

Not sure    
(The Company will contact you to clarify)

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**APPLICATION FOR A NEW CONNECTION**

PLEASE ENSURE THAT YOU HAVE STUDIED THE NOTES BEFORE  
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version 1.3  
The Company -

**SECTION B. THE PROPOSED POINT OF CONNECTION**

1. Please identify (preferably by reference to an extract from an Ordnance Survey Map) the intended location (the "Connection Site") of the Plant and Apparatus (the "User Development") which it is desired should be connected to the GB 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) in so far as you are aware.

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**APPLICATION FOR A NEW CONNECTION**

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

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The Company -

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

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.....

5. If you believe that a new sub-station will be needed, please indicate by reference to the plan referred to in (7) above the **Applicant's** suggested location for it - giving dimensions of the area.

.....  
.....

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

.....  
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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 (2) above the location of such areas, giving the approximate dimensions of the same.

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8. 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.

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The Company -

**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.

.....  
.....

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.

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

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2007

**APPLICATION FOR A NEW CONNECTION**

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

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The Company -

**SECTION C. TECHNICAL INFORMATION**

1. Summary of Application: .....

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2. Please provide the data 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. Guidance notes are available at: [www.nationalgrid.com/uk/Electricity/Codes/gridcode/associateddocs](http://www.nationalgrid.com/uk/Electricity/Codes/gridcode/associateddocs)

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

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- Included
- Already provided

4. Please indicate if your plant will have (or you would be willing to discuss terms) to provide the technical capability:-

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- 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

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<#>Gas Turbine Unit Fast Start YES/NO  
<#>Synchronous Compensation YES/NO  
<#>Pumped Storage Unit Spinning-in-Air YES/NO  
<#>Pumped Storage YES/NO  
<#>Pumped Storage Plant Fast Start from Standstill YES/NO  
<#>Demand Reduction YES/NO  
<#>Adjustment to Pumped Storage Unit Pumping Programme YES/NO  
Hot Standby  
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National Grid's web site provides more information on the terms it offers for such technical capability  
<http://www.nationalgrid.com/uk/Electricity/Balancing/services/>

### APPLICATION FOR A NEW CONNECTION

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

5. Please enclose a draft **Interface Agreement** (if applicable)

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

7. Do you want a Customer Choice connection? No

Yes

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

8. Do wish to suggest a non standard ownership boundary? No

Yes

If yes, please give details of suggested ownership boundary:.....  
.....  
.....  
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The Company -

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Please confirm your intended Connection Entry Capacity.

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## APPLICATION FOR A NEW CONNECTION

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

### SECTION D. PROGRAMME

Please provide a suggested construction programme in bar chart form for the construction 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.

Please give details on when you hope to be reaching the following milestones (working backwards from expected connection date at 'year 0'):-

- Planning Application Submitted
- Planning Consent Awarded
- Power Station Procurement
- Construction Started
- Construction Completed

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**CONNECTION APPLICATION**

1. We hereby apply to connect our **Plant** and **Apparatus** to the **GB 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**, should it be considered necessary.
5. We confirm that we do/do not meet **The Company Credit Rating**.
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
 

<input type="checkbox"/>	<b>Directly Connected Power Station</b>	<input type="checkbox"/>
<input type="checkbox"/>	<b>Non-Embedded Customer</b>	<input type="checkbox"/>
<input type="checkbox"/>	<b>Distribution System Directly Connect to the</b>	<input type="checkbox"/>
<input type="checkbox"/>	<b>GB Transmission System</b>	<input type="checkbox"/>

[Please tick correct option].

SIGNED BY

For and on behalf of the **Applicant**

Date: .....

**END OF EXHIBIT B**

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<b>Deleted:</b> please insert appropriate description from the table in Paragraph 1.2.4 of the CUSC
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## Part B - Text to give effect to the Working Group Alternative Amendment

The proposed text to modify the CUSC is detailed below by inserting and deleting the coloured text

NB: A key and detailed notes on the amendments are provided at the end of this section.

### CUSC - EXHIBIT B

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

#### DIRECTLY CONNECTED POWER ~~STATIONS~~STATION NON EMBEDDED CUSTOMER DISTRIBUTION SYSTEM DIRECTLY CONNECTED TO THE GB TRANSMISSION SYSTEM

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

~~1. National Grid Electricity Transmission plc (“The Company”) 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 use of\*] the GB 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 should is accurate.~~

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<sup>1</sup> 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 GB 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~~Offer.

~~\*-Delete if applying for connection only~~

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

3. Should there be any change in the information provided by the ~~Applicant, the Applicant must 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~~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 ~~advance~~-application fee pursuant to ~~Paragraph~~paragraph 4 above or the date when **The Company** is reasonably satisfied that the **Applicant** has completed Sections ~~1A-4.D~~. **The Company** shall notify the **Applicant** of such date.
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 **GB Transmission System** with their **Distribution System(s)** or to consult the **Relevant Transmission Licensees** to establish the works required on the **GB Transmission System**. On grounds of commercial confidentiality **The Company** shall need authorisation for the release to the **Public Distribution System Operator(s)** or **Relevant Transmission Licensees** of certain information contained in the ~~Application~~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~~application. If it is found by the **Public Distribution System Operator(s)** that any work is required on their **Distribution System(s)**, 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 National Grid website at [www.nationalgrid.com/uk](http://www.nationalgrid.com/uk)~~ [The Company's Website](http://www.nationalgrid.com/uk)<sup>2</sup> 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.
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**<sup>3</sup> for further details.
13. Applicants ~~which are licensed generators of a type set out in As provided for 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. ~~Applicants are recommended to contact National Grid Electricity Transmission plc's Headquarters for further information where our staff will be pleased to help.~~

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

14. Under Special Condition M of the Transmission Licence **The Company** has additional requirements in respect of information on ~~offers~~ **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 ~~65~~ in ~~section~~ **Section A** is intended to assist **The Company** in early identification of this situation arising. [The Company's Website](http://www.nationalgrid.com/uk)<sup>4</sup> contains a statement that describes the means by which **The Company** shall ensure compliance with Special Condition M of its **Transmission Licence**.

[Users can opt to pay a fixed price application fee \(derived from analysis of the historical costs of similar applications\) in respect of their application or pay the actual costs incurred.](#)

15. ~~Applicants have the ability~~ [The Applicant has the ability to pay a fixed price application fee in respect of their application or pay the actual costs incurred \(variable price application fee\)](#) to choose whether they wish to apply on a fixed or variable application fee basis. ~~Fixed~~ [The fixed price](#) application fee is derived from analysis of historical costs of similar applications. ~~Variable~~ [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. ~~Applicants are~~ [The Applicant is](#) requested to indicate their preferred [basis of application fee in Section A question 7.](#) ~~Applicants are~~ [4. The Applicant is](#) advised that further information can be obtained from the **Charging Statements** which can be found on ~~National Grid Electricity Transmission plc's website.~~ ~~If Applicants require further assistance they are recommended to contact National Grid Electricity Transmission plc's Headquarters, where our staff will be pleased to help.~~ [The Company's Website](http://www.nationalgrid.com/uk)<sup>5</sup>.

<sup>2</sup> [www.nationalgrid.com/uk/electricity](http://www.nationalgrid.com/uk/electricity)

<sup>3</sup> [Customer Services, National Grid Electricity Transmission plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA \(Telephone No. 01926 654634\)](#)

<sup>4</sup> [www.nationalgrid.com/uk/electricity](http://www.nationalgrid.com/uk/electricity)

<sup>5</sup> [www.nationalgrid.com/uk/electricity](http://www.nationalgrid.com/uk/electricity)



16. The Company will provide an Offer based upon the GB Security and Quality of Supply Standards (GBSQSS). The criteria presented in the GBSQSS represent the minimum requirements for the planning and operation of the GB Transmission System. The GBSQSS 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.

17. 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 and GB 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<sup>5</sup>.

18. ~~16-~~Please complete this application form in black print and return it together with a cheque for the appropriate application fee to the Customer ~~Agreements~~Services Manager, National Grid Electricity Transmission plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA (Telephone No. 01926 ~~65 3000~~,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](mailto:camdata@uk.ngrid.com).

19. ~~17-~~For the most up to date contact details applicants are advised to ~~contact the National Grid website at www.nationalgrid.com/uk~~ visit The Company's Website<sup>65</sup>.

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

**1. Registered Company**

Name:

.....  
.....

**2. Address:** .....

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

**3. Address (of Registered Office/Address (including e-mail address for CUSC notices in the case of a Company):**

.....  
.....

**Registration Number:**

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

**Company Number:**.....

<sup>6</sup> [www.nationalgrid.com/uk/electricity](http://www.nationalgrid.com/uk/electricity)

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. ~~Name, title and address of contacts for the purposes of this application, giving description of the field of responsibility of each person:~~ Please identify which application fee basis you wish to use for this application.**

.....

.....

.....

.....

.....

.....

Fixed price application fee

Variable price application fee

**5. If ~~Applicant~~ is an agent, please give name(s) and address(es) of person(s) for whom the ~~Applicant~~ is acting:**

.....

.....~~6~~If this is an application for connection to the **GB Transmission System** in England and Wales please complete ~~6~~5a. If this is an application for connection to the **GB Transmission System** in Scotland please complete ~~6~~5b.

65a. Have you made any applications for connection to the **GB Transmission System** in Scotland which are being processed prior to ~~offer~~**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~~Not sure

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

65b. Have you made any applications for connection to the **GB Transmission System** in England and Wales which are being processed prior to ~~offer~~**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~~Not sure

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

~~7. Please identify which application fee basis you wish to use for this application.~~

~~Fixed application fee~~

~~Variable application fee~~

**SECTION B. THE PROPOSED POINT OF CONNECTION**

1. Please identify (preferably by reference to an extract from an Ordnance Survey Map) the intended location (the “**Connection Site**”) of the **Plant** and **Apparatus** (the “**User Development**”) which it is desired should be connected to the **GB 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.

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

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**.

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

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) in so far as you are aware.

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

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

.....  
.....

5. If you believe that a new sub-station will be needed, please indicate by reference to the plan referred to in [\(7\)Section B question 2](#) above the **Applicant's** suggested location for it - giving dimensions of the area.

.....  
.....

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

.....  
.....

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 [\(7\)Section B question 2](#) above the location of such areas, giving the approximate dimensions of the same.

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

- 8. 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 ~~including the results of the following tests:-~~  
[The Company to specify]

.....  
 .....

- 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.

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

**SECTION C. TECHNICAL INFORMATION**

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

.....  
 .....

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

- ~~2-3.~~ Please provide a copy of your **Safety Rules** if not already provided to **The Company**.

Included

Already provided

Will be provided later [ ]

~~3.4.~~ Please indicate ~~any terms which you are prepared to offer for~~ if your plant may be able to provide (or you could consider providing) the following technical capability):-

a. ~~Black Start Capability~~  
\_\_\_\_\_ YES/N  
Generation from Auxiliary Units (Reserve Services) [ ]

~~b. Gas Turbine Unit Fast Start~~  
\_\_\_\_\_ YES/N  
Generation [ ]

~~c. Synchronous Compensation~~  
\_\_\_\_\_ YES/N  
Generation [ ]

~~b.~~ ~~d. Pumped Storage Unit Spinning-in-Air~~  
\_\_\_\_\_ YES/N  
Generation [ ]

~~e. Pumped Storage~~  
\_\_\_\_\_ YES/N  
Generation [ ]

~~c.~~ ~~f. Pumped Storage Plant Fast Start from Standstill~~  
\_\_\_\_\_ YES/N  
Capability [ ]

~~d.~~ Frequency Response above Mandatory requirements [ ]

~~e.~~ ~~g.~~ Demand Reduction YES/NO / Management [ ]

~~f.~~ Reactive capability above Mandatory requirements [ ]

~~g.~~ Synchronous Compensation [ ]

~~h.~~ ~~Adjustment to Pumped Storage Unit Pumping Programme~~  
\_\_\_\_\_ YES/N  
Black Start Capability [ ]

~~i.~~ ~~Hot Standby~~  
\_\_\_\_\_ YES/N  
Emergency Maximum Generation [ ]

~~4.~~ Please enclose a draft ~~Interface Agreement~~ (if applicable).

~~j.~~ Intertrip [ ]

~~k.~~ Other (please detail below) [ ]

.....  
.....

[The Company's Website<sup>7</sup> Website<sup>5</sup>](#) provides more information on the terms it offers for such technical capability.

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

**Power Station Connection Site** [ \_\_\_\_\_ ]

**Generating Unit(s)** (if applicable)

**Generating Unit 1** [ \_\_\_\_\_ ]

**Generating Unit 2** [ \_\_\_\_\_ ]

**Generating Unit 3** [ \_\_\_\_\_ ]

**Generating Unit 4** [ \_\_\_\_\_ ]

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

~~6-6.~~ Please ~~confirm~~state the ~~intended~~required **Transmission Entry Capacity** ~~.....MW~~

7. **The Company** will provide an **Offer** to meet the minimum standards set out in the GB Security and Quality of Supply Standards (GBSQSS). A generation or demand **Applicant** may request a variation to the connection design; do you want a variation to the connection design?

Yes [  ]

No [  ]

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

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. 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 [  ]

**SECTION D. PROGRAMME**

Please provide a suggested development and construction programme in bar chart form for the ~~construction~~ work necessary to install the **User Development** (not the

<sup>7</sup> <http://www.nationalgrid.com/uk/Electricity/Balancing/services/>

**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:-

- [Planning Application Submitted \(Town & Country Planning\\*, S36,S37\)](#)
- [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 **GB 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**, should it be considered necessary.

5. We confirm that we:

meet **The Company Credit Rating** [ ]

~~5. We confirm that we do~~ do not meet **The Company Credit Rating**. [ ]

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 ~~[please insert appropriate description from the table in Paragraph 1.2.4 of the **CUSC**].~~

- Directly Connected Power Station** [ ]
- Non-Embedded Customer** [ ]
- Distribution System Directly Connected to the GB Transmission System** [ ]

[Please tick correct option].

SIGNED BY

}  
}  
}

.....

}

For and on behalf of the **Applicant**

Date: .....

**END OF EXHIBIT B**

**Key and detailed notes for proposed legal text for CAP152 Exhibit B**

<b>Key:</b>	
<u>Insertion</u>	
<del>Deletion</del>	
<i>Moved from</i>	
<i>Moved to</i>	
Style change	
Format change	
<del>Moved deletion</del>	
Inserted cell	
Deleted cell	
Moved cell	
Split/Merged cell	
Padding cell	

## ANNEX 2 – AMENDMENT PROPOSAL FORM

### CUSC Amendment Proposal Form – CAP152

<b>Details of Proposer:</b> Organisation's Name:	National Grid
<b>Capacity in which the Amendment is being proposed:</b> (i.e. CUSC Party, BSC Party or "energywatch")	CUSC Party*
<b>Details of Proposer's Representative:</b> Name: Organisation: Telephone Number: Email Address:	Clare Talbot National Grid 01926 656377 Clare.talbot@uk.ngrid.com
<b>Details of Proposer's Alternate:</b> Name: Organisation: Telephone Number: Email Address:	Phil Collins National Grid 01926 656143 Phil.collins@uk.ngird.com

\* For the avoidance of doubt, National Grid as Proposer of the above Amendments and as a CUSC Party has granted the licence and given the warranty as required by Paragraph 8.15.7 of the CUSC.

CAP Ref No	Title of Amendment Proposal	Description of Proposed Amendment	Description of Issue or Defect that Proposed Amendment seeks to Address	Impact on the CUSC	Impact on Core Industry Documents	Impact on Computer Systems and Processes used by CUSC Parties	Details of any Related mods to Other Industry Codes	Justification for Proposed Amendment with Reference to the Applicable CUSC Objectives
	Exhibit B Revisions	Delete 'National Grid Electricity Transmission plc' replace with 'The Company' in Paragraph 1	The term 'The Company' is defined in the CUSC and as such does not need to be defined here as well. Also brings all of the application forms in line.	Changes Exhibit B of the CUSC	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)
	Exhibit B Revisions	Delete '[and use of*]' replace with 'and in the case of Directly Connected Power Stations, use of' in Paragraph 1	This change means that the user no longer has to delete as appropriate. This option is often missed by users when they complete the application form	Changes Exhibit B of the CUSC	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)
	Exhibit B Revisions	Delete 'information' replace with 'Section A information' in paragraph 3	This is to help clarify that it is only Section A information the user can change. If they wish to change any other information it is likely to result in a Modification Application	Changes Exhibit B of the CUSC	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)
CAP	Title of	Description	Description of Issue	Impact on the CUSC	Impact on	Impact on	Details of	Justification for Proposed

CAP Ref No	Title of Amendment Proposal	Description of Proposed Amendment	Description of Issue or Defect that Proposed Amendment seeks to Address	Impact on the CUSC	Impact on Core Industry Documents	Impact on Computer Systems and Processes used by CUSC Parties	Details of any Related mods to Other Industry Codes	Justification for Proposed Amendment with Reference to the Applicable CUSC Objectives
Ref No	Amendment Proposal	of Proposed Amendment	or Defect that Proposed Amendment seeks to Address		Core Industry Documents	Computer Systems and Processes used by CUSC Parties	any Related mods to Other Industry Codes	Amendment with Reference to the Applicable CUSC Objectives
	Exhibit B Revisions	Delete '1-4' replace with 'A-D' in paragraph 5	Currently the application form talks about sections 1-4 of the CUSC however they are actually called sections A-D	Changes CUSC Exhibit B	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)
	Exhibit B Revisions	Delete 'National Grid' replace with 'The Company's' in paragraph 10	The term 'The Company' is defined in the CUSC and as such does not need to be defined here as well. Also brings all of the application forms in line.	Changes CUSC Exhibit B	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)
	Exhibit B Revisions	Delete ' National Grid Electricity Transmission plc's' replace with 'The Company's' in paragraph 13	The term 'The Company' is defined in the CUSC and as such does not need to be defined here as well. Also brings all of the application forms in line.	Changes CUSC Exhibit B	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)

CAP Ref No	Title of Amendment Proposal	Description of Proposed Amendment	Description of Issue or Defect that Proposed Amendment seeks to Address	Impact on the CUSC	Impact on Core Industry Documents	Impact on Computer Systems and Processes used by CUSC Parties	Details of any Related mods to Other Industry Codes	Justification for Proposed Amendment with Reference to the Applicable CUSC Objectives
	Exhibit B Revisions	Delete 'for further information where our staff will be pleased to help' replace with 'on the number below'	Helps to ensure there is a single point of contact for customer queries.	Changes CUSC Exhibit B	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)
	Exhibit B Revisions	Delete 'Please study the following notes before completing and signing the application form' from between Paragraph 13 & 14	Looks untidy as it appears in the middle of the text and is not required as this instruction is also at the beginning of the notes section	Changes CUSC Exhibit B	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)
	Exhibit B Revisions	Delete 'National Grid Electricity Transmission plc's' replace with 'The Company's' twice in paragraph 15	The term 'The Company' is defined in the CUSC and as such does not need to be defined here as well. Also brings all of the application forms in line.	Changes CUSC Exhibit B	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)

CAP Ref No	Title of Amendment Proposal	Description of Proposed Amendment	Description of Issue or Defect that Proposed Amendment seeks to Address	Impact on the CUSC	Impact on Core Industry Documents	Impact on Computer Systems and Processes used by CUSC Parties	Details of any Related mods to Other Industry Codes	Justification for Proposed Amendment with Reference to the Applicable CUSC Objectives
	Exhibit B Revisions	Delete 'where our staff will be pleased to help' replace with 'on the number below' in paragraph 15	Helps to ensure there is a single point of contact for customer queries.	Changes CUSC Exhibit B	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)
	Exhibit B Revision	Delete '01926 653000' replace with '01926 654634' in paragraph 16	Change to ensure that telephone calls come through to the Customer Services team rather than going to the main switch board at National Grid House	Changes CUSC Exhibit B	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)
	Exhibit B Revisions	Delete 'the National Grid' replace with 'The Company's' in Paragraph 17	The term 'The Company' is defined in the CUSC and as such does not need to be defined here as well. Also brings all of the application forms in line.	Changes CUSC Exhibit B	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)

CAP Ref No	Title of Amendment Proposal	Description of Proposed Amendment	Description of Issue or Defect that Proposed Amendment seeks to Address	Impact on the CUSC	Impact on Core Industry Documents	Impact on Computer Systems and Processes used by CUSC Parties	Details of any Related mods to Other Industry Codes	Justification for Proposed Amendment with Reference to the Applicable CUSC Objectives
	Exhibit B Revisions	Added 'Section' in front of 'A' in the application form	Adds clarity to the application form and allows easier referencing to the section in the notes paragraphs	Changes CUSC Exhibit B	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)
	Exhibit B Revisions	Details of applicant updated to reflect the data we require:- Registered Company details: Name, Address, Company Number, Parent Company (if applicable). Company secretary details: Name, email, telephone, fax. Commercial Contact/Agent Details: Name, Address, email, telephone, fax	This change is intended to align the information we request from the Applicants with the information The Company require. This ensures all information is captured at the beginning of the application process.	Changes CUSC Exhibit B	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)



CAP Ref No	Title of Amendment Proposal	Description of Proposed Amendment	Description of Issue or Defect that Proposed Amendment seeks to Address	Impact on the CUSC	Impact on Core Industry Documents	Impact on Computer Systems and Processes used by CUSC Parties	Details of any Related mods to Other Industry Codes	Justification for Proposed Amendment with Reference to the Applicable CUSC Objectives
	Exhibit B Revisions	Moved choice of application fee up.	Moving this question up in the application forms helps it to flow in a more understandable manner	Changes CUSC Exhibit B	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)
	Exhibit B Revisions	Changes made to question 5a & 5b of application form. Inserted lines for people to list their applications if they answer yes, and tick boxes for No and Not Sure	This change makes answering this easier for Applicants to complete these questions	Changes CUSC Exhibit B	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)
	Exhibit B Revisions	Added Section in Front of B, C & D.	This is to match with the change made to A and keep a consistent format throughout the application form.	Changes CUSC Exhibit B	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)

CAP Ref No	Title of Amendment Proposal	Description of Proposed Amendment	Description of Issue or Defect that Proposed Amendment seeks to Address	Impact on the CUSC	Impact on Core Industry Documents	Impact on Computer Systems and Processes used by CUSC Parties	Details of any Related mods to Other Industry Codes	Justification for Proposed Amendment with Reference to the Applicable CUSC Objectives
	Exhibit B Revisions	Add 'Guidance notes available at <a href="http://www.nationalgrid.com/uk/Electricity/Codes/gridcode/associateddocs">www.nationalgrid.com/uk/Electricity/Codes/gridcode/associateddocs</a> ' to the paragraph regarding submission of details for planning code and the Data Registration Code	This change gives further advice to applicant as to how the technical data should be provided to The Company	Changes CUSC Exhibit B	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)
	Exhibit B Revisions	Add Tick boxes to allow Applicants to indicate whether they have provided their safety rules previously or with the application	This ensure that the Applicants have informed The Company of their safety rules and makes The Company aware of when they were provided	Changes CUSC Exhibit B	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)
	Exhibit B Revisions	Ancillary services list updated to reflect the services that are now applicable.	The list of Ancillary services currently on the application forms is greatly updated and as such needed to brought up to date with the latest applicable list of options	Changes CUSC Exhibit B	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)

CAP Ref No	Title of Amendment Proposal	Description of Proposed Amendment	Description of Issue or Defect that Proposed Amendment seeks to Address	Impact on the CUSC	Impact on Core Industry Documents	Impact on Computer Systems and Processes used by CUSC Parties	Details of any Related mods to Other Industry Codes	Justification for Proposed Amendment with Reference to the Applicable CUSC Objectives
	Exhibit B Revisions	Add option of customer choice connection including tick boxes and lines for details	This gives the applicant greater flexibility when completing the application forms.	Changes CUSC Exhibit B	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)
	Exhibit B Revisions	Add milestones to section D including examples of what these may be: Planning Application Submitted, Planning Consents, Power Station Procurement, Construction Started, Construction Completed	This change allows The Company to get a better idea of when the project will be reaching each stage	Changes CUSC Exhibit B	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)

CAP Ref No	Title of Amendment Proposal	Description of Proposed Amendment	Description of Issue or Defect that Proposed Amendment seeks to Address	Impact on the CUSC	Impact on Core Industry Documents	Impact on Computer Systems and Processes used by CUSC Parties	Details of any Related mods to Other Industry Codes	Justification for Proposed Amendment with Reference to the Applicable CUSC Objectives
	Exhibit B Revisions	Add 'Choice of category applied for' tick list.	Easier for Applicants rather than having to reference the CUSC table	Change CUSC Exhibit B	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)
	Exhibit B Revisions	Remove 'Please confirm your intended Connection Entry Capacity'	This is not specified by the applicant it is specified by The Company and as such does not need to be on the application form	Change CUSC Exhibit B	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)
	Exhibit B Revisions	Remove 'including the results of the following tests: - [The Company to specify] from section B of the application form	The Company does not specify any tests that need to be completed at site. This could cause applicant confusion.	Change CUSC Exhibit B	None Identified	None Identified		Amendment ensures clarity and helps The Company get the information it needs at the earliest time to help increase the efficiency of the application process in line with CUSC objective (a)

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**ANNEX 3 – REPRESENTATIONS RECEIVED DURING CONSULTATION**

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This Annex includes copies of any representations received following circulation of the Consultation Document (circulated on 19<sup>th</sup> October 2007 requesting comments by close of business on 16<sup>th</sup> November 2007).

Representations were received from the following parties:

<b>No.</b>	<b>Company</b>	<b>File Number</b>
1	Centrica	CAP152-CR-01
2	EDF	CAP152-CR-02
3	Scottish & Southern	CAP152-CR-03
4	Scottish Power	CAP152-CR-04

<b>Reference</b>	CAP152-CR-01
<b>Company</b>	Centrica



*taking care of the essentials*

**By Email**  
**Beverley Viney**  
**Amendments Panel Secretary**  
**Electricity Codes**  
**National Grid**  
**National Grid House**  
**Warwick Technology Park**  
**Gallows Hill**  
**Warwick**  
**CV34 6DA**

**Millstream East**  
**Maidenhead Road**  
**Windsor**  
**SL4 5GD**

Tel. (01753) 492606  
Fax (01753) 431150  
www.centrica.com

Friday 16<sup>th</sup> November, 2007

**CAP152-155 - Revision to CUSC Exhibits B, D, F and I**

Dear Beverley,

Centrica welcome the opportunity to comment on CUSC Modifications 152-155 regarding revisions to CUSC exhibits B, D, F and I.

Please note that this response is non-confidential and covers CUSC Modification numbers 152 to 155 inclusive.

Centrica are broadly supportive of the Alternative Amendment Proposal and believe that it better facilitates CUSC Objective (a) in terms of simplifying the exhibits and making them consistent with one another and the terminology used in the CUSC.

With regards to the additional requests for information in the proposed modifications, Centrica would like to note that it will not be feasible to provide accurate timeline data relating to the project milestones set-out in the exhibits, at the point of application. The current planning and consents procedures are lengthy and unpredictable and therefore, milestone data / estimates provided in the connection application forms should not be used as concrete timelines, but instead aspirational guidelines. Quarterly reports and bilateral discussions should be used to monitor progress against milestones, and to adjust milestones, however, consequences for slippage of these milestones should not be penal if it can be demonstrated that the connection date in the connection offer can still be honoured by both parties.

Further additions to the exhibits, relating to information requests regarding GBSQSS compliance and ownership boundaries appear to be sensible and Centrica support these proposed changes.

In summary, Centrica believe that the Alternative Amendment Proposal seeks to improve the efficiency of the CUSC exhibits in question but remain cautious about the treatment of data supplied in accordance with project milestones.

**A *centrica* business**

Centrica plc - The group includes British Gas Trading, British Gas Services and Accord Energy  
Registered in England No.3033654, Registered Office: Millstream, Maidenhead Road, Windsor, Berkshire SL4 5GD

If you have any questions or comments relating to this response, please contact me on the number above or at [laura.jeffs@centrica.com](mailto:laura.jeffs@centrica.com).

Yours sincerely,

Laura Jeffs  
Commercial Manager

**A *centrica* business**

Centrica plc - The group includes British Gas Trading, British Gas Services and Accord Energy  
Registered in England No.3033654. Registered Office: Millstream, Maidenhead Road, Windsor, Berkshire SL4 5GD

<b>Reference</b>	CAP152-CR-02
<b>Company</b>	EDF Energy

Beverley Viney  
Amendments Panel Secretary  
Electricity Codes  
National Grid [National Grid House]  
Warwick Technology Park  
Gallows Hill, Warwick  
CV34 6DA

14 November 2007



Dear Beverley,

**CAP152 to 155, Revision to CUSC Exhibits B, D, F and I**

EDF Energy is pleased to have the opportunity to comment on the CUSC amendment proposals, CAP152-155.

The proposer of CAP152 to 155 aimed to:

- improve and update the CUSC Exhibits;
- provide greater clarity for Users when completing the Application forms;
- ensure the processes for application is efficient for all parties.

We note, due to a quirk of the CUSC governance rules, the working group was unable to refine the original proposal and had to develop the WGAA.

EDF supports each and every WGAA proposed under CAP152-155.

We hope that you will find these comments helpful. If you have any queries please do not hesitate to contact me.

Yours sincerely,

David Scott  
Electricity Regulation, Energy Branch

**EDF Energy**  
40 Grosvenor Place  
Victoria London SW1X 7EN

Tel +44 (0) 20 7752 2524

[edfenergy.com](http://edfenergy.com)

EDF Energy plc. Registered in England and Wales. Registered No. 2366852. Registered Office: 40 Grosvenor Place, Victoria, London, SW1X 7EN



---

<b>Reference</b>	CAP152-CR-03
<b>Company</b>	Scottish and Southern

Dear Sirs,

This response is sent on behalf of Scottish and Southern Energy, Southern Electric, Keadby Generation Ltd., Medway Power Ltd., SSE (Ireland) Ltd and SSE Energy Supply Ltd.

In relation to the Consultation Document associated with CUSC Amendment Proposal CAP152 "Exhibit B Revisions" (contained within your note of 19th October 2007) we would direct you to the comments in our response today to your CAP149 "Transmission Entry Capacity with restricted access rights (TEC-lite)" consultation, namely:-

"we note the overlap between CAP149 and CAP152 "Exhibit B Revisions" as both propose text to be included in Exhibit B (Connection Application Form). A key aspect of CAP149 is to allow the User to request a "compliant" offer or a Non-Firm Design Variation offer or both. CAP152 only allows the User to request one or other, but not both."

Subject to this, we believe that this CUSC Amendment Proposal CAP152 does better achieves the applicable CUSC objectives and should therefore be implemented.

Regards

Garth Graham  
Scottish and Southern Energy plc

<b>Reference</b>	CAP152-CR-04
<b>Company</b>	Scottish Power



Beverley Viney  
Amendments Panel Secretary  
Electricity Codes  
National Grid  
National Grid House  
Warwick Technology Park  
Gallows Hill  
Warwick  
CV34 6DA

**Ref** CAP152, CAP153, CAP154 &  
CAP155  
**Date** 15<sup>th</sup> November 2007

**Tel No.** 01355 845208  
**Email:** [ukelectricityspoc@saic.com](mailto:ukelectricityspoc@saic.com)

Dear Beverley,

**CUSC Amendment Proposals CAP152 (Exhibit B Revisions), CAP153 (Exhibit D Revisions), CAP154 (Exhibit F Revisions) and CAP155 Exhibit I Revisions)**

Thank you for the opportunity to comment on these Consultations. This response is submitted on behalf of ScottishPower's Energy Wholesale Business which includes ScottishPower Generation Ltd, ScottishPower Energy Management Ltd and CRE Energy Ltd.

ScottishPower supports the changes proposed in CAP152 WG Alternative, CAP153 WG Alternative, CAP154 WG Alternative and CAP155 WG Alternative. These changes will simplify and clarify the application process for new connections to the transmission system. This can only be of benefit to the market as a whole.

Yours sincerely

**Gary Henderson**



For and on behalf of: ScottishPower's Energy Wholesale Business which includes ScottishPower Generation Ltd, ScottishPower Energy Management Ltd and CRE Energy Ltd.

Ps – we note the following typographical errors:

CAP152 Part B Alternative Legal Text  
Section 13 "... of a type set out inAs provided..."  
Section 14 "... users can opt to paya ..."  
Section 15 "The fFixed price application fee..."

CAP154 Part B Alternative Legal Text  
Section 2 several of the superscript references are normal size

<b>Reference</b>	CAP152-CR-05
<b>Company</b>	RWE

RWE Trading



Ms B Viney  
Amendments Panel Secretary  
Electricity Codes  
National Grid Electricity Transmission plc  
National Grid House  
Warwick Technology Park  
Gallows Hill  
Warwick  
CV34 6DA

Name John Norbury  
Phone +44 (0)1793 892667  
Mobile +44 (0)7795 354382  
E-Mail  
john.norbury@RWE.com

E-mail: beverley.viney@uk.grid.com

16<sup>th</sup> November 2007

Dear Beverley

**Consultation Document – CUSC Amendment Proposals CAP152, CAP153, CAP154, CAP 155  
Exhibit Revisions**

Thank you for the opportunity to comment on the above consultations. The following response is provided on behalf of the RWE group of companies, including RWE Trading GmbH and RWE Npower plc.

RWE considers that the changes proposed under the Working Group Alternative Amendment for each proposal would better facilitate the Applicable CUSC Objectives in providing greater clarity for Users seeking connection to the transmission system or wishing to amend their connection. We believe that a number of changes proposed under the Original Amendments would be confusing for Users and also the Original Amendments fails to address a number of deficiencies in the CUSC application form that were identified by the working group. We therefore consider that the Original Amendment for each proposal does not better meet the Applicable CUSC Objectives.

RWE was pleased to participate in the working group which considered the above proposed amendments to the CUSC application forms. We are satisfied that most of our comments raised in the working group have been reflected in the proposed legal text of the Working Group Alternatives. We therefore have no further comments to add.

If you wish to discuss our response further please do not hesitate to contact me.

Yours sincerely

By e-mail

John Norbury  
Network Connections Manager

RWE Trading GmbH  
Swindon Branch  
Windmill Hill Business  
Park  
Whitehill Way  
Swindon SN5 6PB  
United Kingdom  
T +44(0)1793/87  
77 77  
F +44(0)1793/89  
25 25  
I www.rwe.com  
Registered No. BR 7373  
VAT Registration No.  
GB 524 921354  
Advisory Board:  
Dr. Jürgen Großmann  
(Chairman)  
Management Board:  
Peter Terium (CEO)  
Dr Bernhard Günther  
Dr Peter Kreuzberg  
Head Office:  
Essen, Germany  
Registered at:  
Local District Court,  
Essen

## ANNEX 4 – REPRESENTATIONS RECEIVED UPON THE DRAFT AMENDMENT REPORT

This Annex includes copies of any representations received following circulation of the Draft Amendment Report (circulated on 5<sup>th</sup> December 2007, requesting comments by close of business on 12<sup>th</sup> December).

Representations were received from the following parties:

No.	Company	File Number
1	RWE	CAP152-AR-01

<b>Reference</b>	CAP152-AR-1
<b>Company</b>	RWE

Beverley

I was just having a look through the draft amendment reports for CAP 152-55 (today being the last day for comments) and noticed that RWE's comments have not been included. Did you receive the attached response from me?

Seasons Greetings

**John Norbury**  
**Network Connections Manager**  
 RWE Trading GmbH  
 UK Markets  
 Windmill Hill Business Park  
 Whitehill Way  
 Swindon SN5 6PB  
 T +44 (0)1793 89 2667  
 M +44 (0)7795 354 382