



**National Grid**

## **A REPORT TO THE AUTHORITY**

**Pursuant to Paragraph 2 of Condition 7 of the  
Transmission Licence.**

**Proposed Grid Code modification to incorporate new  
capacity terms arising from CUSC CAP043**

**The purpose of this document is to assist the Authority in its  
decision of whether to implement the proposed  
Grid Code Modification**

Consultation Paper	A/03
Issue	1
Date of Issue	15/09/03
Prepared by	National Grid

DISTRIBUTION

Name	Organisation
Authority	Ofgem
Grid Code Review Panel Members	Various
National Grid Industry Information Website	

## Introduction

1. Paragraph 2 of Condition 7 of the Transmission Licence granted to the National Grid Company plc ("National Grid") provides that National Grid shall, in consultation with authorised electricity operators liable to be materially affected thereby, periodically review the Grid Code and its implementation. That paragraph also requires National Grid, following such review, to send to the Authority:-
  - (a) a report on the outcome of such review;
  - (b) any proposed revisions to the Grid Code as National Grid (having regard to the outcome of such review) reasonably thinks fit for the achievement of the objectives set out in sub-paragraph (b) of Condition 7 of the Transmission Licence; and
  - (c) any written representations or objections from authorised electricity operators (including any proposals by such operators for revisions to the Grid Code not accepted by National Grid in the course of the review) arising during the consultation process and subsequently maintained.
2. National Grid has just completed a review of the Grid Code. This review relates to the introduction of two new terms into the Grid Code, Transmission Entry Capacity and Connection Entry Capacity, which were introduced into the CUSC under CAP043 'Transmission Access – Definition'. Attached as Appendix A are the proposed revisions to the current Grid Code Planning Code and Glossary and Definitions (shown in typed form with the deletions crossed through and additions double underlined).
3. The proposed changes to the Grid Code were discussed at the Grid Code Review Panel on 21<sup>st</sup> November 2001 and it was agreed that National Grid should issue a Consultation Paper once the Authority had approved CAP043. The Authority approved the CAP043 on 6<sup>th</sup> February 2003 and the changes were implemented on 1<sup>st</sup> April 2003 in the CUSC and Bilateral Agreements.
4. National Grid, in accordance with its obligations under its Transmission Licence, consulted those authorised electricity operators listed in Appendix C by circulating to them Consultation Paper A/03, issued on 4<sup>th</sup> April 2003, and which contained the proposed amendments to the Grid Code. A copy of Consultation Paper A/03 is attached to this Report as Appendix B. National Grid also placed a copy of Consultation Paper A/03 on its website to ensure its wide availability.
5. Comments were invited from all such authorised electricity operators by 22<sup>nd</sup> May 2003. National Grid received responses from 4 authorised electricity operators. All of the respondents supported the proposed changes to the Grid Code. Some respondents had further queries relating to the proposed changes. National Grid has responded to each of them and only minor changes in the use of acronyms were identified as a result of the responses or the subsequent discussions. These changes are highlighted in the final proposed Grid Code text, Appendix A of this report, with a solid bar in the right hand margin.

## Background

6. CUSC Amendment Proposal CAP043 replaces 'Registered Capacity in appendix C' and 'Maximum Export Capacity' in the CUSC and Bilateral Agreements with two new capacity terms, 'Transmission Entry Capacity' and 'Connection Entry Capacity'. CAP043 was the first of what are expected to be a number of incremental reforms to industry documents that introduce revised transmission access arrangements. The main objective of CAP043 was to introduce clear and unambiguous capacity terms into the CUSC.
7. As a further exercise National Grid will be looking to perform a review of capacity terms throughout the Grid Code. The extensive use of terms such as Registered Capacity means this will not be an insignificant task. In order to facilitate the expedient use of Transmission Entry Capacity and Connection Entry Capacity in the planning process National Grid proposes to add these terms into the Grid Code in advance of that review.
8. National Grid believes that using these terms in the Grid Code and Seven Year Statement would be a further step towards introducing revised transmission access arrangements. In particular it would allow National Grid to use the new terms when planning the system and in producing the Seven Year Statement. It will also enable National Grid to publish the values of Transmission Entry Capacity and Connection Entry Capacity in the Seven Year Statement. Therefore National Grid will be using signals from the market to plan the system and provide information on opportunities to the market.
9. The CAP043 proposal was to replace Registered Capacity in the CUSC by two new terms:

*Connection Entry Capacity, which reflects on both a Generating Unit and Power Station basis the maximum power the User may export on to transmission system at the Connection Site and;*

*Transmission Entry Capacity, which reflects the maximum power the User can export across the transmission system away from the Connection Site.*

## Proposed Changes

10. The proposed revisions to the Grid Code are, as indicated above, set out in Appendix A to this Report. By way of summary, the proposed changes are described below.
11. When applying for a new generation connection, a User is required to submit Standard Planning Data to National Grid (PC.4.4.1(a)). Standard Planning Data includes Registered Capacity on both a Generating Unit and Power Station basis for Small, Medium and Large Power Stations. In turn National Grid is obliged to use Standard Planning Data (part of Committed Project Planning Data and Connected Planning Data) when considering an application and in the Seven Year Statement (PC5.4 and PC.5.6).
12. In order to allow Transmission Entry Capacity and Connection Entry Capacity to be used in the assessment of connection applications and production of, and published in, the Seven Year Statement, it is proposed that they should be specified in addition to the Standard Planning Data under the Grid Code.

13. This will require addition of the terms to the Glossary and Definitions, and incorporation into the Planning Code (PC.4.4.1, PC.5.4 and PC.5.6) to allow the data to be used in the planning process. The change to PC.4.3.1 is to make it explicit that the data will be used in the preparation of the Seven Year Statement and to that extent will not be treated as confidential.
14. The approach of using data submitted under the CUSC contract avoids Users having to resubmit Transmission Entry Capacity and Connection Entry Capacity data under the Planning Code, and is therefore more efficient and ensures consistency.
15. Paragraph 6.1.6 of the CUSC permits National Grid to use data supplied under the CUSC or any relevant Bilateral Agreement in the Grid Code to the extent that the Grid Code provides for such use. Paragraph 6.15.1.2 (d) of the CUSC provides that Protected Information can be disclosed where it is expressly permitted or required to disclose it, under for instance, the terms of the Grid Code. The change to PC.4.3.1 expressly provides for National Grid to use Transmission Entry Capacity and Connection Entry Capacity data in the preparation of the Seven Year Statement.
16. Following on from discussion as part of consultation process one respondent requested that the following points be covered in this Report.
  - a) Given the acceptance that the capacity of connected Generating Units could be significantly less than the corresponding Generating Unit CEC, the generator data provided to National Grid under the Planning Code will also continue to be used in assessing infrastructure requirements in order to avoid unnecessary system reinforcement costs.
  - b) Similarly, given that TEC may significantly exceed the capacity of connected Generating Units in negative charging zones, generator data will continue to be used in order to avoid unnecessary system reinforcement costs.
  - c) As mentioned previously in this Report, National Grid intends to carry out a more in-depth review of the use of capacity terms in the Grid Code and, in particular, the use of the term 'Registered Capacity'. This will be carried out in the normal course of Grid Code Review Panel business and has been added to the areas requiring development. The respondent felt it regretful that this review was not carried out as part of this consultation process.
  - d) NGC intends to utilise TEC, as the contracted requirement by Users, as an input to the Transport element of the ICRP model. The respondent was concerned that given that TEC is likely to exceed the capacity of the connected generation at power stations located in negative charging zones, the sole use of TEC for such power stations could distort the outcome of the ICRP model and the resultant TNUoS tariffs. National Grid confirmed that it intends to use TEC in the Transport element of the ICRP model. The use of data in the setting charges is covered in The Statement of the Use of System Charging Methodology and is not reliant on the Authority decision in relation to this Grid Code modification.
17. As indicated above, having regard to the outcome of the review described in this Report, National Grid proposes the revisions to the Grid Code set out in Appendix A, which revisions we reasonably think fit for the achievement of the objectives referred to in sub-paragraph (b) of paragraph 1 of Condition 7 of the Transmission Licence. In view of this, National Grid would be grateful if the Authority would approve the revisions pursuant to paragraph 3 of Condition 7 of the Transmission Licence.

18. Given the logistic exercise of organising replacement pages to reflect the changes required by your letter of approval, I would be grateful if you would contact me prior to issuing any letter specifying an effective date, in order to seek to ensure that the date is consistent with any other Code changes which may then be approved or be close to being approved.

SIGNED BY

Patrick Hynes

For and on behalf of National Grid Company plc  
15 September 2003

## **Appendix A**

### **Proposed Changes to the Grid Code Planning Code and Glossary and Definitions**

**EXTRACT FROM THE GLOSSARY AND DEFINITIONS.**

**Connection Entry Capacity**

**Has the meaning set out in the CUSC.**

**Transmission Entry Capacity**

**Has the meaning set out in the CUSC.**

## EXTRACT FROM THE PLANNING CODE

### PC.4.3 Data Provision

#### PC.4.3.1 Seven Year Statement

To enable the **Seven Year Statement** to be prepared, each **User** is required to submit to **NGC** (subject to the provisions relating to **Embedded Power Stations** in PC.3.2) both the **Standard Planning Data** and the **Detailed Planning Data** as listed in parts 1 and 2 of the Appendix. This data should be submitted in calendar week 24 of each year (although **Network Operators** may delay the submission until calendar week 28) and should cover each of the seven succeeding **NGC Financial Years** (and in certain instances, the current year). Where, from the date of one submission to another, there is no change in the data (or in some of the data) to be submitted, instead of re-submitting the data, a **User** may submit a written statement that there has been no change from the data (or in some of the data) submitted the previous time. In addition, NGC will also use the Transmission Entry Capacity and Connection Entry Capacity data from the CUSC Contract in the preparation of the Seven Year Statement and to that extent the data will not be treated as confidential.

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### PC.4.4 Offer of Terms for connection

PC.4.4.1 The completed application form for a **CUSC Contract** to be submitted by a **User** when making an application for a **CUSC Contract** will include:

- (a) a description of the **Plant** and/or **Apparatus** to be connected to the **NGC Transmission System** or of the **Modification** relating to the **User's Plant** and/or **Apparatus** already connected to the **NGC Transmission System** or, as the case may be, of the proposed new connection or **Modification** to the connection within the **User System** of the **User**, each of which shall be termed a "**User Development**" in the **PC**;
- (b) the relevant **Standard Planning Data** as listed in Part 1 of the Appendix; and
- (c) the desired **Completion Date** of the proposed **User Development**.
- (d) the desired Connection Entry Capacity and Transmission Entry Capacity.

The completed application form for a **CUSC Contract** will be sent to **NGC** as more particularly provided in the application form.

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### **Committed Project Planning Data**

PC.5.4

Once the offer for a **CUSC Contract** is accepted, the data relating to the **User Development** already submitted as **Preliminary Project Planning Data**, and subsequent data required by **NGC** under this **PC**, will become **Committed Project Planning Data**. This data, together with **Connection Entry Capacity and Transmission Entry Capacity data from the CUSC Contract**, and other data held by **NGC** relating to the **NGC Transmission System** will form the background against which new applications by any **User** will be considered and against which planning of the **NGC Transmission System** will be undertaken. Accordingly, **Committed Project Planning Data, Connection Entry Capacity and Transmission Entry Capacity data** will not be treated as confidential to the extent that **NGC**:

- (a) is obliged to use it in the preparation of the **Seven Year Statement** and in any further information given pursuant to the **Seven Year Statement**;
- (b) is obliged to use it when considering and/or advising on applications (or possible applications) of other **Users** (including making use of it by giving data from it, both orally and in writing, to other **Users** making an application (or considering or discussing a possible application) which is, in **NGC's** view, relevant to that other application or possible application);
- (c) is obliged to use it for **NGC** operational planning purposes;
- (d) is obliged under the terms of an **Interconnection Agreement** to pass it on as part of system information on the **Total System**.

To reflect different types of data, **Preliminary Project Planning Data** and **Committed Project Planning Data** are themselves divided into:

- (a) those items of **Standard Planning Data** and **Detailed Planning Data** which will always be forecast, known as **Forecast Data**; and
- (b) those items of **Standard Planning Data** and **Detailed Planning Data** which relate to **Plant** and/or **Apparatus** which upon connection will become **Registered Data**, but which prior to connection, for the seven succeeding **NGC Financial Years**, will be

an estimate of what is expected, known as  
**Estimated Registered Data.**

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PC.5.6

**Connected Planning Data**, together with **Connection Entry Capacity and Transmission Entry Capacity data from the CUSC Contract, and** other data held by **NGC** relating to the **NGC Transmission System**, will form the background against which new applications by any **User** will be considered and against which planning of the **NGC Transmission System** will be undertaken. Accordingly, **Connected Planning Data, Connection Entry Capacity and Transmission Entry Capacity data** will not be treated as confidential to the extent that **NGC**:

- (a) is obliged to use it in the preparation of the **Seven Year Statement** and in any further information given pursuant to the **Seven Year Statement**;
- (b) is obliged to use it when considering and/or advising on applications (or possible applications) of other **Users** (including making use of it by giving data from it, both orally and in writing, to other **Users** making an application (or considering or discussing a possible application) which is, in **NGC's** view, relevant to that other application or possible application);
- (c) is obliged to use it for **NGC** operational planning purposes;
- (d) is obliged under the terms of an **Interconnection Agreement** to pass it on as part of system information on the **Total System**.

## **Appendix B**

**Consultation Paper A/03 Proposed Grid Code Changes to incorporate  
new capacity terms arising from CUSC CAP043**



**National Grid**

**GRID CODE  
CONSULTATION DOCUMENT**

**Proposed Grid Code change to incorporate new  
capacity terms arising from CUSC CAP043**

**The purpose of this document is to consult on the above Grid Code  
Modification Proposal with authorised electricity operators liable to be  
materially affected by the proposed changes**

Consultation Ref	A/03
Issue	1
Date of Issue	4 <sup>th</sup> April 2003
Prepared by	National Grid

## DOCUMENT LOCATION

National Grid website:

[http://www.nationalgridinfo.co.uk/grid\\_code/mn\\_consultation\\_papers.html](http://www.nationalgridinfo.co.uk/grid_code/mn_consultation_papers.html)

## DISTRIBUTION

Name	Organisation
AEO's	Various
GCRP Members/Alternates	Various
Interested Parties	Various
National Grid Industry Information Website	

A. Introduction

1. National Grid Company plc ("National Grid"), in accordance with its obligations under paragraph 2 of Condition 7 of the Transmission Licence, believes that the time has come to review, in consultation with authorised electricity operators liable to be materially affected thereby, the Grid Code and its implementation in certain respects.
2. This review is concerned with the introduction of two new terms, **Transmission Entry Capacity** and **Connection Entry Capacity**, in to the Grid Code. The two terms were proposed in CUSC Amendment Proposal CAP043 to replace the Registered Capacity and Maximum Export Capacity in appendix C of the generation connection agreements. The proposed changes to the Grid Code were discussed at the Grid Code Review Panel meeting held on 21<sup>st</sup> November 2002. Panel members agreed that National Grid should issue a Consultation Paper once a decision had been reached on CUSC Amendment Proposal CAP043. The Authority approved the proposed CUSC changes on 6<sup>th</sup> February 2003 and these were implemented on the 1<sup>st</sup> April 2003.
3. Following receipt of comments from those authorised electricity operators which it has consulted by this Paper, National Grid intends, in accordance with paragraph 2 of Condition 7 of the Transmission Licence, to send to the Authority :-
  - (a) a report on the outcome of its review, including this consultation process;
  - (b) the proposed revisions to the Grid Code which National Grid (having regard to the outcome of such review) reasonably thinks fit for the achievement of the objectives of the Grid Code referred to in subparagraph (b) of paragraph 1 of Condition 7 of the Transmission Licence; and
  - (c) any written representations or objections from authorised electricity operators (including any proposals by such operators for revisions to the Grid Code not accepted by National Grid in the course of the review) arising during the consultation process and subsequently maintained.
4. The report will also be made publicly available on National Grid's website.
5. The revisions to the Grid Code proposed by National Grid and sent to the Authority then require approval by that body and will, if approved, come into force on such date (or dates) of which you will be notified by National Grid, in accordance with the Authority's approval.

B. DESCRIPTION OF THE PROPOSED AMENDMENTS AND THEIR EFFECTS

6. Background

- 6.1 CUSC Amendment Proposal CAP043 replaces Registered Capacity and Maximum Export Capacity in appendix C of the generation

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connection agreements with two new capacity terms. CAP043 was the first of what are expected to be a number of incremental reforms to industry documents that introduce revised transmission access arrangements. The main objective of CAP043 was to introduce clear and unambiguous capacity terms into the CUSC.

- 6.2 Following the process referred to above National Grid will be looking to perform a review of capacity terms throughout the Grid Code. The extensive use of terms such as Registered Capacity means this will not be an insignificant task. In advance of this review, and in order to facilitate the expedient use of Transmission Entry Capacity and Connection Entry Capacity in the planning process National Grid proposes to add these terms in to the Grid Code.
- 6.3 National Grid believes that using these terms in the Grid Code and Seven Year Statement would be a further step towards introducing revised transmission access arrangements. In particular it would allow National Grid to use the new terms when planning the system and in producing the Seven Year Statement. It will also enable National Grid to publish the values of Transmission Entry Capacity and Connection Entry Capacity in the Seven Year Statement. Therefore National Grid will be using signals from the market to plan the system and provide information on opportunities to the market.
- 6.4 The CAP043 proposal was to replace Registered Capacity in the CUSC by two new terms:

***Connection Entry Capacity***, which reflects on both a generating unit and power station basis the maximum power the User may export on to transmission system at the connection site and;

***Transmission Entry Capacity***, which reflects the maximum power the User can export across the transmission system away from the connection site.

## 7. Proposed Changes

- 7.1 When applying for a new generation connection, a User is required to submit Standard Planning Data to National Grid (PC.4.4.1(a)). Standard Planning Data includes Registered Capacity on both a Generating Unit and Power Station basis for Small, Medium and Large Power Stations. In turn National Grid is obliged to use Standard Planning Data (part of Committed Project Planning Data and Connected Planning Data) when considering an application and in the Seven Year Statement (PC5.4 and PC.5.6).
- 7.2 In order to allow Transmission Entry Capacity and Connection Entry Capacity to be used in the assessment of connection applications and production of and published in the Seven Year Statement, it is proposed that they should be specified in addition to the Standard Planning Data under the Grid Code.

- 7.3 This will require addition of the terms to the Glossary and Definitions, and incorporation into the Planning Code (PC.4.4.1, PC.5.4 and PC.5.6) to allow the data to be used in the planning process. The change to the Planning Code (PC.4.3.1) is to make it explicit that the data will be used in the preparation of, and published, in the Seven Year Statement.
- 7.4 The approach of using data submitted under the CUSC Contract avoids Users having to resubmit Transmission Entry Capacity and Connection Entry Capacity under the Planning Code, and is therefore more efficient and ensures consistency.
- 7.5 Paragraph 6.1.6 of the CUSC permits National Grid to use data supplied under the CUSC in the Grid Code to the extent that the Grid Code provides for such use. Paragraph 6.15 of the CUSC provides that information can be disclosed where it is expressly or permitted to disclose it, under for instance the terms of the Grid Code. The change to PC 4.3.1 expressly permits National Grid to use Transmission Entry Capacity and Connection Entry Capacity in the Seven year Statement.
- 7.4 The proposed Grid Code changes are shown in Appendix 1.

C. COMMENTS

8. National Grid would be grateful to receive your comments on, or any suggestions you may have in relation to, these proposed amendments to the Grid Code. Comments would be welcomed and should be sent to National Grid by **2nd May 2003**. The comments will be reviewed and responded to and National Grid will then prepare its report to the Authority.
9. Unless otherwise marked as confidential any responses containing objections to the proposals which are maintained will be published on our website in the copy of the Report to the Authority referred to in paragraphs 3 and 4.
10. Your formal responses may be:-

Posted to: Patrick Hynes  
Industry Codes  
Commercial  
National Grid Company plc  
National Grid House  
Kirby Corner Road  
Coventry  
CV4 8JY

Faxed to: 024 7642 3242

Emailed to: [patrick.hynes@uk.ngrid.com](mailto:patrick.hynes@uk.ngrid.com)

## Appendix 1

### EXTRACT FROM GLOSSARY AND DEFINITIONS.

Connection  
Entry Capacity

Has the meaning set out in the CUSC.

Transmission  
Entry Capacity

Has the meaning set out in the CUSC.

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**EXTRACT FROM THE PLANNING CODE**

PC.4.3            Data Provision

PC.4.3.1        Seven Year Statement

To enable the **Seven Year Statement** to be prepared, each **User** is required to submit to **NGC** (subject to the provisions relating to **Embedded Power Stations** in PC.3.2) both the **Standard Planning Data** and the **Detailed Planning Data** as listed in parts 1 and 2 of the Appendix. This data should be submitted in calendar week 24 of each year (although **Network Operators** may delay the submission until calendar week 28) and should cover each of the seven succeeding **NGC Financial Years** (and in certain instances, the current year). Where, from the date of one submission to another, there is no change in the data (or in some of the data) to be submitted, instead of re-submitting the data, a **User** may submit a written statement that there has been no change from the data (or in some of the data) submitted the previous time. In addition, NGC will also use the TEC and CEC data from the CUSC Contract in the preparation of the Seven Year Statement and to that extent the data will not be treated as confidential.

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PC.4.4            Offer of Terms for connection

PC.4.4.1        The completed application form for a **CUSC Contract** to be submitted by a **User** when making an application for a **CUSC Contract** will include:

- (a) a description of the **Plant** and/or **Apparatus** to be connected to the **NGC Transmission System** or of the **Modification** relating to the **User's Plant** and/or **Apparatus** already connected to the **NGC Transmission System** or, as the case may be, of the proposed new connection or **Modification** to the connection within the **User System** of the **User**, each of which shall be termed a "**User Development**" in the **PC**;
- (b) the relevant **Standard Planning Data** as listed in Part 1 of the Appendix; and
- (c) the desired **Completion Date** of the proposed **User Development**.
- (d) the desired **Connection Entry Capacity** and **Transmission Entry Capacity**.

The completed application form for a **CUSC Contract** will be sent to **NGC** as more particularly provided in the application form.

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**Committed Project Planning Data**

PC.5.4

Once the offer for a **CUSC Contract** is accepted, the data relating to the **User Development** already submitted as **Preliminary Project Planning Data**, and subsequent data required by **NGC** under this **PC**, will become **Committed Project Planning Data**. This data, together with **Connection Entry Capacity** and **Transmission Entry Capacity** data from the **CUSC Contract**, and other data held by **NGC** relating to the **NGC Transmission System** will form the background against which new applications by any **User** will be considered and against which planning of the **NGC Transmission System** will be undertaken. Accordingly, **Committed Project Planning Data, Connection Entry Capacity and Transmission Entry Capacity data** will not be treated as confidential to the extent that **NGC**:

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- (a) those items of **Standard Planning Data** and **Detailed Planning Data** which will always be forecast, known as **Forecast Data**; and
- (b) those items of **Standard Planning Data** and **Detailed Planning Data** which relate to **Plant** and/or **Apparatus** which upon connection will become **Registered Data**, but which prior to connection, for the seven succeeding **NGC Financial Years**, will be an estimate of what is expected, known as **Estimated Registered Data**.

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PC.5.6

**Connected Planning Data**, together with **Connection Entry Capacity and Transmission Entry Capacity data from the CUSC Contract, and** other data held by **NGC** relating to the **NGC**

**Transmission System**, will form the background against which new applications by any **User** will be considered and against which planning of the **NGC Transmission System** will be undertaken. Accordingly, **Connected Planning Data, Connection Entry Capacity and Transmission Entry Capacity data** will not be treated as confidential to the extent that **NGC**:

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## **Appendix C**

### **Consultation Paper A/03 circulation list**

# AEO Distribution List for Consultation Paper A/03

24 Seven  
ABB Equity Development Co Ltd  
Accord Energy Limited  
AEP Energy Services UK Generation Ltd  
AES (for Partington Ltd)  
AES Barry Limited  
AES Drax Power Ltd  
AES Fifoots Point Ltd  
AES Indian Queens Power  
AES NEW ENERGY LTD (UK)  
Alcan Aluminium UK Ltd  
Allied Steel & Wire  
AMERADA  
Angelsey Aluminium  
Aquila Energy Supplies Ltd  
Aquila Networks plc  
Atlantic Electric & Gas Ltd  
Atmel North Tyneside Ltd  
Baglan Generating Ltd + Baglan Operations Ltd + Fleetwood Power Ltd  
Barking Power  
BIZZENERGY LIMITED  
BNFL + Magnox Electric Ltd  
BOC Limited  
BP Chemicals Ltd  
British Energy Generation Ltd (inc Eggborough Power)  
British Gas Generation Ltd (Centrica KL + Centrica PB)  
British Gas Trading Ltd (3th Floor North)  
BritNed Development Ltd  
Burlington Resources (Irish Sea) Ltd  
Canatxx Energy Ventures Ltd  
Celtpower Ltd  
Cinergy Global Power (UK) Ltd  
Commercial Electricity Supplies Ltd  
Corby Power Ltd  
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Coryton Energy Co Ltd  
Cottam Development Centre  
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Damhead Creek Ltd  
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Duke Energy International  
Dynergy UK Ltd  
East Midlands Electricity  
EDF Service National  
EDF Trading Ltd  
Electrabel S.A.  
Electricity Direct (UK) Ltd  
Emerald Power Generation Ltd  
Energy Power Resources Limited  
Enfield Energy Centre Ltd  
Enron Teesside Operations Ltd  
Entergy-Koch Trading Ltd  
EPN Distribution  
Fellside Heat & Power Ltd  
Fibrogen Ltd + Fibropower Ltd + Fibrothetford Ltd  
First Hydro Company  
First Hydro Company  
Fortum Direct Ltd  
Fortum Energy plus Ltd  
Great Yarmouth Power Limited  
Greenwich Energy Trading Ltd  
Grovehurst Energy Ltd  
Heartlands Power Ltd  
Humber Power Ltd  
ICI Chemicals & Polymers Ltd  
Immingham CHP Ltd  
INEOS Chlor Energy Ltd  
Innogy + Innogy (Cogen Trading) Ltd + npower  
Jade Power Generation Ltd  
Keadby Gen Ltd + HE Cogen Ltd + HE Energy Ltd  
Killingholme Power Ltd  
Lakeland Power Ltd  
London Electricity plc  
London Electricity Services Ltd  
London Power Networks  
London Underground Ltd  
Manweb Services (Imperial Park)  
Manx Electricity Authority  
Maverick Energy Ltd  
Medway Power Ltd  
Midlands Gas Ltd + OwnLabel Energy Ltd + Severn Trent Energy Ltd + Western Gas Ltd  
Morgan Stanley Capital Group Inc  
Northern Electric Distribution Ltd  
Norweb Energi Ltd  
Pentex Oil and Gas Ltd  
PowerGen UK plc + PowerGen CHP Ltd  
Railtrack plc  
Regional Power Generators Limited  
Rocksavage Power Company Ltd  
RTE SENE  
Rugeley Power Ltd (& Deeside PDC)  
RWE Trading Direct Ltd  
Saltend Cogeneration Co Ltd  
Savage Land Ltd  
Scottish & Southern  
Scottish & Southern Energy  
Scottish and Southern Energy plc  
Scottish Power Generation Ltd  
Scottish Power plc  
Scottish Power Energy Retail Ltd  
Seabank Power Ltd  
SEEBOARD Energy Ltd

SEEBOARD Power Networks	Thameside Energy Park Ltd
Sempra Energy Europe Ltd	The Renewable Energy Co. Ltd
Sheffield Heat and Power Ltd	TotalFinaElf Gas and Power Ltd
Shell Gas Direct Limited	TXU Europe
Shotton Combined Heat & Power Ltd +Peterborough Power	TXU Europe Merchant Generation + Shotton CHP Ltd + Citigen (London) Ltd
Slough Energy Supplies Ltd	UK Electric Power Ltd
SMARTESTENERGY LTD	UKAEA
South Coast Power Ltd	United Utilities
Southern Electric Power Distribution plc	Utility Link Ltd
SP MANWEB plc	Wainstones Power Ltd
Spalding Energy Company Ltd	West Burton Ltd
SSE Energy Ltd	Western Power Distribution
Statnett SF	Williams Energy Marketing & Trading Europe Ltd
Sutton Bridge Power Ltd	Yorkshire Electricity Group plc (distribution)