



**National Grid**

**A REPORT TO THE AUTHORITY  
Pursuant to Paragraph 2 of Condition 7 of the  
Transmission Licence  
Proposed Grid Code Modification**

**Proposed Grid Code Housekeeping Changes**

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

Consultation Ref	H/03
Issue	1
Date of Issue	13 October 2003
Prepared by	National Grid

## DISTRIBUTION

Name	Organisation
Authority	Ofgem
GCRP Members	Various
National Grid Industry Information Website	

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 Grid Code housekeeping changes identified by Users and National Grid. Attached as Appendix A is a table containing the proposed Grid Code changes along with an explanation of the need for each change.
3. The proposed changes to the Grid Code were discussed at the Grid Code Review Panel on 22 May 2003 and it was agreed that National Grid should issue a Consultation Paper.
4. National Grid, in accordance with its obligations under its Transmission Licence, consulted those authorised electricity operators listed in Appendix B by circulating to them Consultation Paper H/03, which was issued on 27<sup>th</sup> August 2003 and which contained the proposed amendments to the Grid Code. A copy of Consultation Paper H/03 is attached to this Report as Appendix C. National Grid also placed a copy of the Consultation Paper on its website to ensure its wide availability.
5. Comments were invited from all such authorised electricity operators by 26<sup>th</sup> September 2003. National Grid has received responses from 4 authorised electricity operators all of which supported the proposed Grid Code changes. As a result of the consultation National Grid has identified additional changes to the original proposals and these are indicated in Appendix A by a vertical line in the right hand margin.
6. The proposed revisions to the Grid Code are, as indicated above, set out in Appendix A to this Report.

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## The Proposed Changes

- 6.1 The proposed changes are required mainly to correct typographical errors. There are also some changes required to update references that were not updated following Grid Code changes for NETA.
- 6.2 During the Consultation National Grid identified some incorrect references in the Planning Code which had arisen as a result of changes made for NETA.
- 6.3 The effect of the proposed changes on other core industry Documents, the CUSC and the BSC has been considered and no associated changes have been identified.
- 6.4 All of the proposed changes are detailed in the table in Appendix A.
7. 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.
8. 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

David Payne  
Industry Codes  
13<sup>th</sup> October 2003

## Appendix A

Grid Code Ref.	Summary of the proposed change / issue	Comments	Proposed new text
<b>G&amp;D CCGT Module definition</b>	The Definition of CCGT Module refers to a <b>Unit</b> . Unit is not a defined term	Unit should not be bold. This is a typographical error	....and where the component <del>Units</del> <u>units</u> within the <b>CCGT Module</b> are directly connected by steam or hot gas lines which enable those <del>Units</del> <u>units</u> to....
<b>G&amp;D Final Generation Outage Programme definition</b>	The definition of Final Generation Outage Programme contains a reference to <b>NGC Transmission System Outages</b> . Outages is not a defined term	Outages should not be bold. This is a typographical error.	...on which <b>NGC Transmission System</b> <del>Outages</del> <u>outages</u> will be planned.
<b>G&amp;D Authorised Electricity Operator definition</b>	The definition of Authorised Electricity Operator should include 'distribute' in the description.	Current definition not consistent with the Transmission Licence definition. This is a typographical error.	....who is authorised under the Act to generate, transmit, <u>distribute</u> or supply electricity.
<b>PC.A.1.6</b>	Refers to PC.A.3.2.2(i) and (j) (part)	References were removed under a previous modification.	3.2.2(b), <del>and</del> (h) <del>(i) and (j)(part)</del> ....
<b>PC.A.1.7</b>	Refers to PC.A.3.2.2 (j)(part) and (k)	References were removed under a previous modification.	.... 3.2.2(a), (c), (d),(e),(f), <del>and</del> (g), <del>(j)(part) and (k)</del> ....
<b>PC.3.1</b>	Reference is made to User's 'supplying', which is no longer valid, and no reference is made to 'operating'.	Delete 'supplying' from the clause and add 'operating,.	'The above categories of <b>User</b> will become bound by the <b>PC</b> prior to them generating, <del>supplying</del> <u>operating</u> , or consuming,....'

Grid Code Ref.	Summary of the proposed change / issue	Comments	Proposed new text
PC.A.3.1.4(a)	Incorrectly refers to PC.A.4.2.3(b)	Change reference to PC.A.4.2.4(b)	'PC.A.4.2. <del>34</del> (b) and PC.A.4.3.2(a)...'
PC.A.5.1.4	Incorrectly refers to PC.A.4.2.3(b)	Change reference to PC.A.4.2.4(b)	'PC.A.4.2. <del>34</del> (b) and PC.A.4.3.2(a)...'
PC.A.5.3.2(d) Option 2 (ii)	The word 'value' is used in three instances instead of the correct word 'valve'	Replace Value with Valve	... HP <del>Value</del> <u>Valve</u> Closing Rate Limits (%/second) ... IP <del>Value</del> <u>Valve</u> Closing Rate Limits (%/second) ... LP <del>Value</del> <u>Valve</u> Closing Rate Limits (%/second)
CC.5.3	Clarify that the 'list' referred to is the list in 'CC.5.2'. Also the reference to Medium Power Stations should clarify that this refers to Embedded Medium Power Stations	Required for clarity. These changes do not change the meaning of the clause.	As explained in the <b>Bilateral Agreement</b> and/or <b>Construction Agreement</b> , of the list <u>in CC.5.2</u> , items (c), (e), (g), (h) and (k) need not be supplied in respect of <b>Embedded Power Stations</b> , item (i) need not be supplied in respect of <b>Embedded Small Power Stations</b> and <u>Embedded</u> <b>Medium Power Stations...</b>
CC.6.1.5(a)	Unbold 'the' on line 2 of the second paragraph	Typographical error.	...non-linear load to <del>the</del> <u>the</u> <b>NGC Transmission System</b> ,..
CC.6.3.6	Unbold 'and' in 'Active Power and Reactive Power.'	Typographical error	...modulation of <b>Active Power</b> <del>and</del> <u>and</u> <b>Reactive Power</b> supplied...
CC.6.5.6(b)	Reference to unit and/or Station Transformers should reflect the defined terms.	Defined Term. Typographical error	... <b>Reactive Power</b> measurements from <del>unit transformers</del> <u>Unit Transformers</u> and/or <del>station transformers</del> <u>Station Transformers</u> must be provided

Grid Code Ref.	Summary of the proposed change / issue	Comments	Proposed new text
CC.A.1.1.1(b)	LV and MV are defined terms	Embolden LV/MV	Schedule of <b>Plant</b> , <del>LV/MV</del> <b>LV/MV</b> Apparatus, services and supplies.
OC6.4.4	References to OC6.4.1.2 and OC6.4.1.3 should be to OC6.4.2 and OC6.4.3	Incorrect references developed when code changed for NETA.	,...whether pursuant to OC1, <del>OC.6.4.1.2</del> OC6.4.2 or <del>OC.6.4.1.3</del> OC6.4.3,...
OC6.4.5	References to OC6.4.1.2, OC6.4.1.3 and OC.6.4.1.4 should be to OC6.4.2, OC6.4.3 and OC.6.4.4	Incorrect references developed when code changed for NETA.	Any notification under <del>OC6.4.1.2</del> <del>OC6.4.1.3</del> or <del>OC6.4.1.4</del> OC6.4.2, OC6.4.3 or OC6.4.4 will....
OC7.4.8.1	Spelling of 'useage' in the last paragraph is incorrect	'Useage' should be 'usage'. This is a spelling error	'..... summarises the warnings and their <del>useage</del> usage.'

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## Appendix B

### Distribution List for Consultation Paper H/03

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

RWE Trading Direct Ltd  
Saltend Cogeneration Co Ltd  
Sembcorp  
Scottish & Southern  
Scottish & Southern Energy  
Scottish and Southern Energy plc  
Scottish Power Generation Ltd  
Scottish Power plc  
Seabank Power Ltd  
SEEBOARD Energy Ltd  
SEEBOARD Power Networks  
Sempra Energy Europe Ltd  
Sheffield Heat and Power Ltd  
Shell Gas Direct Limited  
Shotton Combined Heat & Power Ltd  
+Peterborough Power  
Slough Energy Supplies Ltd  
SMARTESTENERGY LTD  
South Coast Power Ltd  
Southern Electric Power Distribution plc

SP MANWEB plc  
Spalding Energy Company Ltd  
SSE Energy Ltd  
Statnett SF  
Telecom Plus PLC  
Thameside Energy Park Ltd  
The Renewable Energy Co. Ltd  
TotalFinaElf Gas and Power Ltd  
TXU Europe  
UKAEA  
Unit Energy Ltd  
United Utilities  
Utility Link Ltd  
Wainstones Power Ltd  
Warwick Energy (MFS) Ltd  
  
West Burton Ltd  
Western Power Distribution  
Yorkshire Electricity Group plc (distribution)  
Zest4 Ltd

**APPENDIX C**  
**Consultation Paper H/03**





# National Grid

## GRID CODE CONSULTATION DOCUMENT

### Proposed Grid Code Housekeeping Changes

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	H/03
Issue	1
Date of Issue	27 August 2003
<b>Responses required by</b>	<b>26 September 2003</b>
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	

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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 a number of housekeeping changes that would benefit the Grid Code. The proposed changes to the Grid Code were discussed at the Grid Code Review Panel meeting held on 22 May 2003. Panel members agreed that National Grid should issue a Consultation Paper.
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 This paper proposes some minor Grid Code housekeeping changes that have been identified by National Grid and Users over the last few months.

7. Proposed Changes

- 7.1 The proposed changes are required mainly to correct typographical errors. There are also some changes required to update references that were not updated following Grid Code changes for NETA

7.2 The proposed changes are detailed in the attached table, which indicates the Grid Code section that requires change, the reason for the change and the proposed change.

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 **26 September 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.

9. Your formal responses may be:-

Posted to: David Payne  
Industry Codes  
Commercial Frameworks  
National Grid Company plc  
National Grid Transco House  
Warwick Technology Park  
Gallows Hill  
Warwick  
CV34 6DA

Emailed to: [david.payne@ngtuk.com](mailto:david.payne@ngtuk.com)

## Appendix 1

Grid Code Ref.	Summary of the proposed change / issue	Comments	Proposed new text
<b>G&amp;D CCGT Module definition</b>	The Definition of CCGT Module refers to a <b>Unit</b> . Unit is not a defined term	Unit should not be bold. This is a typographical error	....and where the component <del>Units-units</del> within the <b>CCGT Module</b> are directly connected by steam or hot gas lines which enable those <del>Units-units</del> to....
<b>G&amp;D Final Generation Outage Programme definition</b>	The definition of Final Generation Outage Programme contains a reference to <b>NGC Transmission System Outages</b> . Outages is not a defined term	Outages should not be bold. This is a typographical error.	...on which <b>NGC Transmission System</b> <del>Outages-outages</del> will be planned.
<b>G&amp;D Authorised Electricity Operator definition</b>	The definition of Authorised Electricity Operator should include 'distribute' in the description.	Current definition not consistent with the Transmission Licence definition. This is a typographical error.	.....who is authorised under the Act to generate, transmit, <u>distribute</u> or supply electricity.
<b>PC.3.1</b>	Reference is made to User's 'supplying', which is no longer valid, and no reference is made to 'operating'.	Delete 'supplying' from the clause and add 'operating,.	'The above categories of <b>User</b> will become bound by the <b>PC</b> prior to them generating, <del>supplying-operating</del> or consuming,....'
<b>PC.A.3.1.4(a)</b>	Incorrectly refers to PC.A.4.2.3(b)	Change reference to PC.A.4.2.4(b)	'PC.A.4.2. <del>34</del> (b) and PC.A.4.3.2(a)....'
<b>PC.A.5.1.4</b>	Incorrectly refers to PC.A.4.2.3(b)	Change reference to PC.A.4.2.4(b)	'PC.A.4.2. <del>34</del> (b) and PC.A.4.3.2(a)....'

Grid Code Ref.	Summary of the proposed change / issue	Comments	Proposed new text
<b>PC.A.5.3.2(d) Option 2 (ii)</b>	The word 'value' is used in three instances instead of the correct word 'valve'	Replace Value with Valve	<p>... HP <del>Value</del><u>Valve</u> Closing Rate Limits (%/second)</p> <p>... IP <del>Value</del><u>Valve</u> Closing Rate Limits (%/second)</p> <p>... LP <del>Value</del><u>Valve</u> Closing Rate Limits (%/second)</p>
<b>CC.5.3</b>	Clarify that the 'list' referred to is the list in 'CC.5.2'. Also the reference to Medium Power Stations should clarify that this refers to Embedded Medium Power Stations	Required for clarity. These changes do not change the meaning of the clause.	As explained in the <b>Bilateral Agreement</b> and/or <b>Construction Agreement</b> , of the list <u>in CC.5.2</u> , items (c), (e), (g), (h) and (k) need not be supplied in respect of <b>Embedded Power Stations</b> , item (i) need not be supplied in respect of <b>Embedded Small Power Stations</b> and <b>Embedded Medium Power Stations</b> ...
<b>CC.6.1.5(a)</b>	Unbold 'the' on line 2 of the second paragraph	Typographical error.	...non-linear load to <del>the</del> <u>the</u> <b>NGC Transmission System</b> ,...
<b>CC.6.3.6</b>	Unbold 'and' in ' <b>Active Power and Reactive Power.</b> '	Typographical error	...modulation of <b>Active Power</b> <del>and</del> <u>and</u> <b>Reactive Power</b> supplied...
<b>CC.6.5.6(b)</b>	Reference to unit and/or Station Transformers should reflect the defined terms.	Defined Term. Typographical error	... <b>Reactive Power</b> measurements from <del>unit transformers</del> <u>Unit Transformers</u> and/or <del>station transformers</del> <u>Station Transformers</u> must be provided
<b>CC.A.1.1.1(b)</b>	LV and MV are defined terms	Embolden LV/MV	Schedule of <b>Plant</b> , <del>LV/MV</del> <u>LV/MV</u> <b>Apparatus</b> , services and supplies.

Grid Code Ref.	Summary of the proposed change / issue	Comments	Proposed new text
OC6.4.4	References to OC6.4.1.2 and OC6.4.1.3 should be to OC6.4.2 and OC6.4.3	Incorrect references developed when code changed for NETA.	,...whether pursuant to OC1, <del>OC 6.4.1.2</del> OC6.4.2 or <del>OC 6.4.1.3</del> OC6.4.3,...
OC6.4.5	References to OC6.4.1.2, OC6.4.1.3 and OC.6.4.1.4 should be to OC6.4.2, OC6.4.3 and OC.6.4.4	Incorrect references developed when code changed for NETA.	Any notification under <del>OC6.4.1.2, OC6.4.1.3 or OC6.4.1.4</del> <u>OC6.4.2, OC6.4.3 or OC6.4.4</u> will....
OC7.4.8.1	Spelling of useage' in the last paragraph is incorrect	'Useage' should be 'usage'. This is a spelling error	'..... summarises the warnings and their <del>useage</del> <u>usage</u> .'