



**GRID CODE
CONSULTATION DOCUMENT**

**Consequential Changes from B/06 and
Housekeeping Amendments**

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 and forms the basis of the subsequent Report to the Authority

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| Consultation Ref | D/06 |
| Issue | 1 |
| Date of Issue | 5 th October 2006 |
| Responses required by | 26th October 2006 |
| Prepared by | National Grid |

DOCUMENT LOCATION

National Grid website:

<http://www.nationalgrid.com/uk/Electricity/Codes/gridcode/consultationpapers/>

DISTRIBUTION

| Name | Organisation |
|-------------------------|--------------|
| AEO's | Various |
| GCRP Members/Alternates | Various |
| Interested Parties | Various |
| National Grid Website | |
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A. INTRODUCTION

1. Paragraph 2 of Condition C14 of the Transmission Licence granted to the National Grid Electricity Transmission 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 C14 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. This review is concerned with consequential changes resulting from the recent Authority approval of Grid Code Consultation B/06 (Regional Differences) and a number of housekeeping changes that National Grid believes add further clarity to the Grid Code.
3. The proposed changes to the Grid Code were discussed with the Grid Code Review Panel (GCRP) on 21st September 2006. Panel Members agreed that National Grid should issue a Consultation Paper regarding the proposed changes.
4. Comments upon the proposed changes within this consultation should be sent to National Grid by 26th October 2006 as detailed in section C. The comments will be reviewed and responded to.
5. Following this consultation, National Grid will prepare a Report to the Authority detailing National Grid's recommended changes to the Grid Code and all comments/responses received from authorised electricity operators through this consultation. Once sent to the Authority this report will be made available on National Grid's website.
6. Where authorised electricity operators' responses have been marked as confidential they will not be published within the version of the Report to the Authority placed on the National Grid website.
7. The revisions to the Grid Code proposed by National Grid and sent to the Authority, 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 EFFECTS8. Background

8.1 This paper proposes consequential changes resulting from the recent Authority approval of Grid Code Consultation B/06 (Regional Differences) and some minor Grid Code housekeeping changes that have been identified by National Grid and Users.

9. Proposed Grid Code Changes

9.1 The proposed housekeeping changes are mainly to correct typographical and cross referencing errors.

9.2 There are three consequential changes resulting from B/06. The first is concerned with the definition of Control Point which refers to those Demand BMUs implicitly covered by BC1.4.2. As the provisions for Demand BMUs in BC1.4.2 have been amended through B/06 so the definition of Control Point also need to be updated appropriately.

9.3 The second change concerns an amendment to the definition of Registered Capacity. This definition comprises 5 parts, three of which were amended through B/06 to allow a Registered Capacity declaration to one decimal place to be made. The remaining two parts were not amended however as they were deemed out of scope of the consultation (referring as they do to DC Converters rather than Power Stations). The changes proposed in this consultation serves to bring the two previously unchanged elements of the definition of Registered Capacity into line with the other three.

9.4 The final change is required to correct a factual inaccuracy which was introduced into G&D's Construction of References by B/06. The provision implies that Registered Capacity can be submitted to more than one decimal place which is inaccurate as this is not permitted by the Grid Code. The changes proposed in this consultation will amend the provision such that it reflects the correct convention for Users' submissions of Registered Capacity.

9.5 The proposed changes are detailed in Appendix A.

C. RESPONSES

11. This section will contain a summary of responses received during the Consultation and will be completed as part of the Report to the Authority.

12. Your formal responses may be:-

Posted to: Lilian Macleod
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Regulatory Frameworks
National Grid Electricity Transmission plc
National Grid House
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Appendix A: Proposed Grid Code Changes

Part 1 – Consequential Changes from Consultation Document B/06

| Grid Code Ref | Summary of Proposed Change | Comments | Proposed New Text |
|---|---|---|--|
| <p>G&D Control Point</p> | <p>The definition of Control Point implicitly refers to the previous classification of Demand BMUs that are required to submit PNs under BC1.4.2.</p> | <p>Definition inadvertently left unchanged through Grid Code Consultation B/06.</p> | <p><u>Control Point</u> b) BM Unit at a Large Power Station or at a Medium Power Station or representing a Cascade Hydro Scheme or with a Demand Capacity with a magnitude of:</p> <ul style="list-style-type: none"> (i) 50MW or more in NGET's Transmission Area; (in England and Wales) or (ii) 30MW or more in SPT's Transmission Area; or (iii) 510MW or more in SHETL's Transmission Area; (in Scotland), <p>is physically controlled by a BM Participant; or</p> |
| <p>G & D Registered Capacity</p> | <p>Sub paragraphs (d) and (e) of the current Registered Capacity definition does not allow the expression of MW to 1 decimal place.</p> | <p>Paragraphs deemed out of scope of Grid Code Consultation B/06</p> | <p><u>Registered Capacity</u> (d) In the case of a DC Converter at a DC Converter Station, the normal full load amount of Active Power transferable from a DC Converter at the Grid Entry Point (or in the case of an Embedded DC Converter Station at the User System Entry Point), as declared by the DC Converter Station owner,</p> |

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| | | | <p>expressed in whole MW, or in MW to one decimal place.</p> <p>(e) In the case of a DC Converter Station, the maximum amount of Active Power transferable from a DC Converter Station at the Grid Entry Point (or in the case of an Embedded DC Converter Station at the User System Entry Point), as declared by the DC Converter Station owner, expressed in whole MW, or in MW to one decimal place.</p> |
| G & D – Part 2 (Construction of References), point xii | The text implies that Registered Capacity can be submitted to more than one decimal place which is not permitted under existing Grid Code provisions. | Required to correct factual inaccuracy. Grid Code does not permit Registered Capacity submissions to more than one decimal place. | <p>D & G – Part 2 (Construction of References), point xii</p> <p>(b) In the case of the definition of Registered Capacity, where the figure is submitted to more than one decimal place, fractions of a MW below 0.05 shall be rounded down to one decimal place and fractions of a MW of 0.05 and above shall be rounded up to one decimal place.</p> |

Part 2 – Proposed Housekeeping Changes

| Grid Code Ref | Summary of Proposed Change | Comments | Proposed New Text |
|----------------------|--|--|---|
| PC.A.5.5 | Reference to PC.5.4 should be to PC.A.5.5 | Incorrect reference developed when the Grid Code was amended for LEEMPS. | ...for the rest of this PC.5.4 PC.A.5.5 where... |
| PC.A.5.5 | Replace 'this' with 'the' on line 1 of the second last paragraph | Typographical error. | In this the case of (ii) above |
| PC.A.5.6 | Reference to PC.A.5.5 should be to PC.A.5.6 | Incorrect reference. | ... under this section PC.A.5.5 PC.A.5.6 must |
| PC.A.5.6 | Replace 'such' with 'shall' on line 4 of the second paragraph | Required for clarity. The change does not change the meaning of the clause. | ...each Network Operation such shall provide... |
| CC.3.4 | Replace 'or' with 'of' on line 4 of the last paragraph of clause. | Typographical error. | Details or of any such requirements... |
| CC.6.4.4 | The reference to an Embedded Person should be to an Embedded Medium Power Station or Embedded DC Converter Station. The Embedded Person will not as such be 'connected'. | Required for clarity. The amendment does not change the meaning of the clause. | ...it may require the Network Operator within whose System the Embedded Person Embedded Medium Power Station or Embedded DC Converter Station is situated ... |
| OC1.6.1(a) | Capitalised and embolden 'losses' | Typographical error. | ...this includes GB Transmission System Losses Losses). |