

Procurement Guidelines

Industry Consultation on Category 5 Intertripping Service

12 March 2009

Responses requested by 9 April 2009

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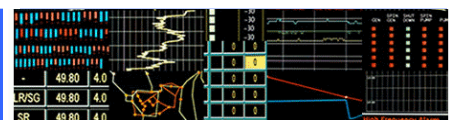
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1 Executive Summary

Purpose of this document

National Grid has raised CUSC amendment proposal CAP170 and Grid Code proposal B/09 to introduce a new category 5 System to Generator Operational Intertripping Scheme. This scheme covers intertrips that are capable of being armed with respect to a derogated non-compliant transmission boundary. CAP170 defines such a boundary as a boundary on the transmission system which is subject to an Authority approved derogation to the GB Security and Quality of Supply Standards.

Under prevailing Procurement Guidelines (PGs), the System to Generator Operational Intertripping is a Part 2 System Ancillary Service i.e. a necessary service required from some generators where agreement is reached. This service covers the existing four categories of System to Generator Operational Intertripping and is provided as a condition of connection.

In parallel with CAP170 and B/09, National Grid is proposing to introduce category 5 System to Generator Operational Intertripping service in the PGs. Unlike the existing four categories of this service, the proposed category 5 intertripping service may be procured from existing as well as new generators (the latter being a condition of a new connection).

This consultation outlines National Grid's proposal to introduce category 5 System to Generator Operational Intertripping service in the PGs, and seeks industry views on the proposed changes to the PGs.

Consultation Process

The proposed changes to the PG are attached to this consultation in Appendix A. The consultation document is available on National Grid's website and can be accessed by using the following link: <http://www.nationalgrid.com/uk/Electricity/Balancing/consultations/>.



Following receipt of responses to this consultation, National Grid will prepare and submit a report (in accordance with Licence Condition C16 paragraph 8) to the Authority. The industry responses and the consultation report will be published on the above link.

The current version of the PGs can be found at the following link:

<http://www.nationalgrid.com/uk/Electricity/Balancing/transmissionlicensestate/ments/>

Consultation Timescales

In accordance with Licence Condition C16, the consultation period will be 28 days. Therefore the consultation timetable is as follows:

Consultation published	Wednesday 12 March 2009
Closing date for responses	Wednesday 09 April 2009
Consultation Report to the Authority	No later than Wednesday 16 April 2009

How to respond

The consultation questions are summarised in a proforma in Appendix D. Please complete the proforma and send your responses to balancingservices@uk.ngrid.com by 9 April 2009.

Enquiries

If you wish to discuss any aspect of this document, please contact Shafqat Ali by emailing shafqat.r.ali@uk.ngrid.com or telephoning 01926 655980.

Document Structure

The remainder of this document is structured as follows:

- ❖ Purpose of the consultation
- ❖ Proposed changes
- ❖ Proposed implementation date
- ❖ Consultation responses



- ❖ Next steps
- ❖ Appendices
 - A. Marked-up PGs for proposed changes (applied to prevailing PGs)
 - B. Marked-up PGs for proposed changes (applied to proposed 'technical' changes)
 - C. Marked-up PGs for proposed changes (applied to proposed 'plain English' changes)
 - D. Consultation questions



2 Purpose of the Consultation

National Grid has raised CUSC amendment proposal CAP170 and Grid Code proposal B/09 to introduce a new category 5 System to Generator Operational Intertripping Scheme. This scheme covers intertrips that are capable of being armed with respect to a derogated non-compliant transmission boundary. CAP170 defines such a boundary as a boundary on the transmission system which is subject to an Authority approved derogation to the GB Security and Quality of Supply Standards.

Under prevailing Procurement Guidelines (PGs), the System to Generator Operational Intertripping is a Part 2 System Ancillary Service i.e. a necessary service required from some generators where agreement is reached. This service covers the existing four categories of System to Generator Operational Intertripping and is provided as a condition of connection.

In parallel with CAP170 and B/09, National Grid is proposing to introduce category 5 System to Generator Operational Intertripping service in the PGs. Unlike the existing four categories of this service, the proposed category 5 intertripping service may be procured from existing as well as new generators (the latter being a condition of a new connection).

This consultation outlines National Grid's proposal to introduce category 5 System to Generator Operational Intertripping service in the PGs, and seeks industry views on the proposed changes to the PGs.

3 Proposed Changes to PGs

The changes proposed to the PGs are summarised in Table 1 below:

Table 1

PG Section	Change
PART C, section 1	Under Ancillary Services, bullet point 2, insert "for categories one to four, as defined in the Grid Code".
PART C, section 1	Under Ancillary Services, after bullet point 2, insert "In addition, System-to-Generator Operational Intertripping service for category 5 (as defined in the Grid Code) may



PG Section	Change
	need to be provided by some Generators to cover intertrips capable of being armed with respect to a derogated non-compliant transmission boundary, as defined in the CUSC”.
PART C, section 2.1	At the end of section 2.1, delete “as a condition of connection” at the end of the last bullet point.
PART C, section 2.1	<p>At the end of section 2.1, insert the following paragraphs:</p> <p>“</p> <ol style="list-style-type: none"> 1. For categories one to four Intertripping Schemes, this service is provided by new Generators as a condition of connection; 2. For category 5 Intertripping Scheme, this service covers intertrips that are capable of being armed with respect to a derogated non-compliant transmission boundary (as defined in the CUSC), subject to an Authority approved derogation to the Security and Quality of Supply Standards. The selection of an appropriate service provider for category 5 Intertripping Scheme will be based on, but not limited to, the following criteria: <ol style="list-style-type: none"> a) Technical characteristics of a Generating Unit; b) The cost of connecting a Generating Unit to the System-to-Generator Scheme; c) Payments associated with a category 5 service provider; d) Size of load; e) Load factor and the likelihood of a Generating Unit running during constraint periods; f) Anticipated time to return to commercial load following an intertrip; g) Diversity of generation necessary to allow effective management of constraints if, for example, plant with intertrip capability is not generating or if it is required to generate at a certain output to manage local issues.”

Comment



Following annual industry consultation¹ on 16 January 2009 on the Procurement Guidelines (and the Balancing Principles Statement), National Grid has provided to the Authority a report on the outcome of the consultation process. This report is awaiting a direction from the Authority as to whether the proposed revisions to the Procurement Guidelines should be made. Consequently, there are three baseline versions of the Procurement Guidelines to which the changes proposed in Table 1 above can be applied:

- 1 Prevailing Procurement Guidelines²*
- 2 Procurement Guidelines with proposed 'technical changes'³*
- 3 Procurement Guidelines with proposed 'plain English changes'⁴*

The proposed changes summarised in Table 1 above have been applied separately to:

- 1 Prevailing Procurement Guidelines (Appendix A)
- 2 Procurement Guidelines with proposed 'technical changes' (Appendix B)
- 3 Procurement Guidelines with proposed 'plain English changes' (Appendix C)

For avoidance of doubt, the proposed changes applied to the three baseline versions of the Procurement Guidelines in appendices A to C are exactly the same. Depending on any direction from the Authority regarding the outcome of the industry consultation on 16 January 2009, only one of these versions will be recommended for approval after completion of the industry consultation process.

Consultation Question 1⁵

Do you agree that the changes summarised in Table 1 have been implemented correctly in the PGs in

- 1 Appendix A?*
- 2 Appendix B?*
- 3 Appendix C?*

¹ Available on <http://www.nationalgrid.com/uk/Electricity/Balancing/consultations/>

² <http://www.nationalgrid.com/uk/Electricity/Balancing/transmissionlicensestatements/>

³ Please see Appendix C of the Authority report published on 19 February 2009 on <http://www.nationalgrid.com/uk/Electricity/Balancing/consultations/>

⁴ Please see Appendix G of the Authority report published on 19 February 2009 on <http://www.nationalgrid.com/uk/Electricity/Balancing/consultations/>

⁵ All consultation questions are summarised in Appendix B.

**Consultation Question 2**

Do you agree that the changes proposed to the PGs in Appendices A to C should be made?

4 Proposed Implementation Date

This consultation is aligned with CAP170 and it is envisaged that, unless directed by the Authority otherwise, the implementation date for the revised Procurement Guidelines will be the same as the implementation date for CAP170.

5 Consultation Responses

5.1 Summary of Consultation Questions

The consultation questions are summarised in Appendix D. The proforma in appendix D can be used to respond to the consultation questions, as described in section 5.2.

5.2 How to Respond

Responses should be submitted by replying to the consultation questions in Appendix D and e-mailing the completed proforma to balancingservices@uk.ngrid.com.

The completed feedback questionnaire can also be e-mailed to balancingservices@uk.ngrid.com.

If you do not wish any elements of your response to be made publicly available, please mark these as confidential.

5.3 Deadline for Responses



The consultation period for this consultation is 28 days from the date of publication (12 March 2009) of this document. Therefore responses are required **by 9 April 2009**.

5.4 Help with Queries

If you have queries regarding any aspect of this consultation, please contact:

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6 Next Steps

Following receipt of responses to this consultation, National Grid will prepare and submit a report (in accordance with Electricity Transmission Licence Standard Condition C16 paragraph 8) to the Authority. The consultation document, consultation report, and all responses, will be published on National Grid's website:

www.nationalgrid.com/uk/Electricity/Balancing/consultations/.

The current version of the PGs can be found at the following link:

www.nationalgrid.com/uk/Electricity/Balancing/transmissionlicensestatements/



7 Appendix A Marked-up PGs for Proposed Changes (applied to prevailing PGs)

Please see a separate document



8 Appendix B
Marked-up PGs for Proposed Changes
(applied to proposed 'technical' changes)

Please see a separate document



9 Appendix C
Marked-up PGs for Proposed Changes
(applied to proposed 'plain English'
changes)

Please see a separate document

10 Appendix D

Consultation Questions

National Grid invites responses to this consultation by 9 April 2009. The responses to specific consultation questions (summarised below) or any other aspect of this consultation can be provided by completing the following proforma.

Please return the completed proforma to balancingservices@uk.ngrid.com.

Respondent:	
Company Name:	
Does this response contain confidential information? If yes, please specify.	

No	Question	Response (Y/N)	Rationale
1	<i>Do you agree that the changes summarised in Table 1 have been implemented correctly in the PGs in</i> 1 Appendix A? 2 Appendix B? 3 Appendix C?		
2	<i>Do you agree that the changes proposed to the PGs in Appendices A to C should be made?</i>		
3	<i>Do you have any other comments?</i>		