

Title of the STCP Modification Proposal

Modification to STCP 04-3 Issue 004 Real Time Data Provision to include a Power Available signal in Appendix B4.1

Submission Date

7th December 2015

Description of the Issue or Defect that the STCP Modification Proposal seeks to address

STCP 04-3 details the real time data provisions Relevant Transmission Licensee's are required to provide to NGET. Section 3.3.4 of STCP 04-3 specifies that NGET shall procure that the User provides analogue data from the User's System as required by NGET pursuant to the Grid Code see appendix B4.1) as reasonably required by NGET and as reasonably required by the TO. The analogue data shall be documented in a Connection Site Specification between NGET and the TO. The TO shall then collect and forward this analogue data to NGET.

On 22 January 2015, CC.6.5.6 of the Grid Code was updated following Grid Code consultation GC0063. This modification, amongst other things, specified that a requirement would be included within the Bilateral Agreement for Power Park Modules with a Completion Date on or after 1st April 2016 to provide a Power Available signal.

Although STCP 04-3 states that this data shall be documented in a Connection Site Specification, one Scottish TO advised that as a Power Available signal was not included within Appendix B4.1 there was no obligation for it to be provided. To address this issue it is therefore proposed that Appendix B4.1 is updated to include a Power Available signal.

If this change is not implemented, it could mean that a Generator is required to provide a Power Available signal but NGET has no visibility of it.

Description of the STCP Modification Proposal

This modification proposes to update Appendix B4.1 of STCP-04-3 to include a Power Available signal.

Impact on the STC

The only change envisaged is a change to Appendix B4.1 of STCP04-3 to include a Power Available signal.

Impact on Core Industry Documentation. Please tick the relevant boxes and provide any supporting information

BSC

Grid Code

CUSC

Other
(please specify)

There is no change to any other Core Industry documents. This change is required as a consequence of changes to the Grid Code following consultation GC0063.

Impact on Computer Systems and Processes used by STC Parties:

There may be database changes to Scottish TO systems as a result of this proposal.

Details of any Related Modification to Other Industry Codes

Grid Code Consultation – GC0063 – Power Available:-

<http://www2.nationalgrid.com/UK/Industry-information/Electricity-codes/Grid-code/Modifications/GC0063/>

Justification for STC Modification Proposal with Reference to Applicable STC Objectives:

Please tick the relevant boxes and provide justification:

(a) efficient discharge of the obligations imposed upon transmission licensees by transmission licences and the Act

(b) development, maintenance and operation of an efficient, economical and coordinated system of electricity transmission

Enabling wind farms to provide Balancing Services (e.g. reserve, BOAs and frequency response) will permit a more efficient and economic transmission system by avoiding the necessity of taking actions on out of merit alternatives. The proposed changes will also allow the System Operator to utilise the most economic provider of Balancing Services given the prevailing system conditions.

√ (c) facilitating effective competition in the generation and supply of electricity, and (so far as consistent therewith) facilitating such competition in the distribution of electricity

The proposed changes will facilitate competition by supporting the efficient growth of renewable generation to supply electricity to GB consumers by providing the System Operator with access to a wider range of providers for Balancing Services given the prevailing system conditions.

√ (d) protection of the security and quality of supply and safe operation of the national electricity transmission system insofar as it relates to interactions between transmission licensees

The reasons outlined in (b) above are also applicable to the whole electricity system.

√ (e) promotion of good industry practice and efficiency in the implementation and administration of the arrangements described in the STC.

If the arrangements are not implemented then there is a risk Generators would provide a Power Available signal which was not visible to National Grid. This would be seen by the Generator community as a stranded asset.

√ (f) facilitation of access to the national electricity transmission system for generation not yet connected to the national electricity transmission system or distribution system;

The ability of new generators in Scotland providing a Power Available signal more readily enables them to contribute to frequency response and reserve.

(g) compliance with the Electricity Regulation and any relevant legally binding decision of the European Commission and/or the Agency.

Additional details

Details of Proposer: (Organisation Name)	Antony Johnson - NGET
Capacity in which the STCP Modification Proposal is being proposed: (i.e. STC Party or other Party as designated by the Authority pursuant to STC Section B7.2.2.1 (b))	NGET – STC Party
Details of Proposer’s Representative: Name: Organisation: Telephone Number: Email Address:	Antony Johnson National Grid 01926 655466 Antony.Johnson@nationalgrid.com

Details of Representative's Alternate: Name: Organisation: Telephone Number: Email Address:	
Attachments (Yes/No): No.	

Contact Us

If you have any questions or need any advice on how to fill in this form please contact the Modification Panel Secretary:

E-mail STCTeam@nationalgrid.com

Phone: 01926 653509

For examples of recent STC Modifications Proposals that have been raised please visit the National Grid Website at

<http://www.nationalgrid.com/uk/Electricity/Codes/systemcode/amendments/currentamendmentproposals/>

Submitting the Proposal

Once you have completed this form, please return to the Panel Secretary, either by email to Lucy.Hudson@nationalgrid.com and copied to STCTeam@nationalgrid.com, or by post to:

Lucy Hudson
STC Modification Panel Secretary, TNS
National Grid Electricity Transmission plc
National Grid House
Warwick Technology Park
Gallows Hill
Warwick
CV34 6DA

The Modification Panel Secretary will check the form has been completed, in accordance with the requirements of the STC. If no more information is required, the Modification Panel Secretary will contact you with a Modification Proposal number and the date the Proposal will be considered by the Panel. If, in the opinion of the Modification Panel Secretary, the form fails to provide the information required in the STC, the Proposal can be rejected. You will be informed of the rejection and the Modification Panel will discuss the issue at the next meeting. The Modification Panel can reverse the Modification Panel

Secretary's decision and if this happens the Modification Panel Secretary will inform you.