

**NETS SQSS Review Panel – Modification Proposal GSR023**  
**Clarification of the N-1-1 Requirements**

**Date Raised:** 01/05/2018

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**Summary**

In its current form, SQSS section 4.6.6 is open to misinterpretation that N-1-1 contingencies could apply to circuits interconnecting the transmission system in England and Wales to the transmission system in Scotland.

**Users Impacted**

**High**

None

**Medium**

None

**Low**

Onshore Transmission Licensees

**Description & Background**

In its current form, SQSS section 4.6.6 is open to misinterpretation that N-1-1 contingencies could apply to circuits interconnecting the transmission system in England and Wales to the transmission system in Scotland.

A review of the history of the applicability of this clause in different transmission areas since privatisation, through BETTA, up to the development of the Western HVDC link clearly indicate that that the clause does not apply on the circuits on the Anglo-Scottish boundary.

Several discussions have been had at the STC's Joint Planning Committee and the subgroups appointed by this committee to discuss the applicability and the clarity of clause 4.6.6 of the NETS SQSS. The conclusion of these discussions was that the clause needs to be rephrased to ensure that the correct interpretation that takes into account the history and the development of the clause is clear.

Following the discussions at the Joint Planning Committee, it was necessary to raise this issue to the NETS SQSS Review Panel to request that clause 4.6.6 is rephrased to reflect the intention and the history of the development of the clause.

**Proposed Solution**

With this being a minor change for clarification purposes only, it is proposed that National Grid, in consultation with other onshore Transmission Licensees, compiles a Modification Report that

- traces the development of the clause 4.6.6 of the NETS SQSS; and
- includes recommendations on how to modify the NETS SQSS to provide clarity on the issues.

**Assessment Against NETS SQSS Objectives**

**(i) *facilitate the planning, development and maintenance of an efficient, coordinated and economical system of electricity transmission, and the operation***

***of that system in an efficient, economic and coordinated manner;***

The modification proposal removes the potential inconsistent interpretation of the N-1-1 criterion of the NETS SQSS.

***(ii) ensure an appropriate level of security and quality of supply and safe operation of the National Electricity Transmission System;***

The modification proposal has no impact on this NETS SQSS objective.

***(iii) facilitate effective competition in the generation and supply of electricity, and (so far as consistent therewith) facilitating such competition in the distribution of electricity; and***

The modification proposal has no impact on this NETS SQSS objective.

***(iv) facilitate electricity Transmission Licensees to comply with their obligations under EU law.***

The modification proposal has no impact on this NETS SQSS objective.

### **Impact & Assessment**

#### ***Impact on the NETS SQSS***

An amendment to clause 4.6.6 of the NETS SQSS to ensure that its interpretation reflects the intention and the history of development of that clause.

#### ***Impact on the National Electricity Transmission System (NETS)***

Not applicable

#### ***Impact on greenhouse gas emissions***

Not applicable

#### ***Impact on relevant computer systems***

Not applicable

#### ***Impact on core industry documents***

Not applicable

#### ***Impact on other industry documents***

Not applicable

### **Supporting Documentation**

Have you attached any supporting documentation: No

If Yes, please provide the title of the attachment:

### **Recommendation**

The NETS SQSS Review Panel is invited to:

Approve the compilation of a Modification Report to clarify the applicability of the N-1-1 criteria and propose modification to clause 4.6.6 to ensure consistent interpretation.

**Document Guidance**

This document is used to raise a Modification Proposal at the NETS SQSS Review Panel. Incomplete forms will not be processed and the Proposer may be asked to clarify any information that is not clear.

Guidance has been provided in square brackets within the document but please contact the NETS SQSS Review Panel Secretary: Nick Martin ([nick.martin@nationalgrid.com](mailto:nick.martin@nationalgrid.com)) and/or [box.SQSS@nationalgrid.com](mailto:box.SQSS@nationalgrid.com)) if you have any queries.