STC Amendment Proposal Form

CA042

1. Title of Amendment Proposal

Offshore Transmission System Compliance & Testing

2. Description of the Proposed Amendment

This amendment proposes to amend the STC such that the Offshore Transmission Owner (OFTO) must cooperate and demonstrate to National Grid, compliance of the technical design and operation of its transmission system in accordance with Section K of the STC.

3. Description of Issue or Defect that Proposed Amendment seeks to Address

A new regulatory regime for offshore transmission networks has been developed by Ofgem in partnership with the Department of Energy and Climate Change (DECC), and previously the Department for Business Enterprise and Regulatory Reform (BERR).

As a result of the offshore regime, the STC has been amended such that a new Section K has been added setting out the minimum technical, design and operational criteria and performance criteria that Offshore Transmission Owners (OFTO) must ensure their Transmission system can satisfy in certain areas.

Currently there are no obligations on the OFTO to demonstrate compliance with this new Section K.

4. Impact on the STC

- Amendments to Section K
- Amendments to Schedule 3

5. Impact on other frameworks e.g. CUSC, BSC

- Consequential amendments to STC Procedures will also be required and will such amendments will be raised in due course.

6. Impact on Core Industry Documentation

- None

7. Impact on Computer Systems and Processes used by STC Parties

- None

8. Details of any Related Modifications to Other Industry Codes

- None

9. Justification for Proposed Amendment with Reference to Applicable STC Objectives
(mandatory field)

Amending the STC in this manner would mean that the following objectives are better facilitated:

(a) efficient discharge of the obligations imposed upon transmission licencees by transmission licences and the Act;
(b) development, maintenance and operation of an efficient, economical coordinated system of electricity transmission; and
(d) protection of the security and quality of supply in safe operation of the national electricity transmission system insofar as it relates to interactions between transmission licensees

Details of Proposer Organisation's Name	National Grid Electricity Transmission plc
Capacity in which the Amendment is being proposed (i.e. STC Party or other Party as designated by the Authority pursuant to STC section B7.2.2.1 (b))	STC Party
Details of Proposer's Representative Name Organisation Telephone Number Email Address	Bec Thornton National Grid Electricity Transmission plc 01926 656386 Bec. thornton@uk.ngrid.com
Details of Representative's Alternate Name Organisation Telephone Number Email Address	Amanda May National Grid Electricity Transmission plc 01926 655334 Amanda.May@uk.ngrid.com
Attachments (Yes/No): Yes **Appendix 1 – Proposed text changes to Section J** **Appendix 2 – Proposed text changes to Schedule 3**	

Notes:

1. Those wishing to propose an Amendment to the STC should do so by filling in this "Amendment Proposal Form" that is based on the provisions contained in Section 7.2 of the STC.

2. The Committee Secretary will check that the form has been completed, in accordance with the requirements of the STC, prior to submitting it to the Committee. If the Committee Secretary accepts the Amendment Proposal form as complete, then she/he will write back to the Proposer informing them of the reference number for the Amendment Proposal and the date on which the Committee will consider the Proposal. If, in the opinion of the Committee Secretary, the form fails to provide the information required in the STC, then he/she may reject the Proposal. The Committee Secretary will inform the Proposer of the rejection and report the matter to the Committee at their next meeting. The Committee can reverse the Committee Secretary's decision and if this happens the Committee Secretary will inform the Proposer.

   The completed form should be returned to:

   STC Committee Secretary
   Regulatory Frameworks
   National Grid Company plc
   National Grid House
   Warwick Technology Park
   Gallows Hill
   Warwick, CV34 6DA

   Or via e-mail to: STCTeam@uk.ngrid.com

APPENDIX 1 – PROPOSED TEXT CHANGES TO SECTION K

Proposed text below denoted in red type and relate to a new paragraph 1.2 and paragraph 8.

SECTION K: TECHNICAL, DESIGN AND OPERATIONAL CRITERIA AND PERFORMANCE REQUIREMENTS FOR OFFSHORE TRANSMISSION SYSTEMS

1. INTRODUCTION

1.1 This Section K sets out the minimum technical, design and operational criteria and performance criteria that Offshore Transmission Owners must ensure their Transmission System can satisfy in the following specific areas:

1.1.1 the reactive power capability deliverable at the Interface Point;

1.1.2 the performance requirements of voltage control systems;

1.1.3 Fault Ride Through Capability;

1.1.4 additional damping facilities for any Transmission DC Converters;

1.1.5 the provision of a **Frequency** signal to Users where necessary because of the use of Transmission DC Converters in an Offshore Transmission System;

1.1.6 operation under a range of System Frequencies; ~~and~~

1.1.7 earthing arrangements for transformers; 1.1.8 the power quality requirements applicable at the Interface Point; and

1.2 This Section K also provides for the Offshore Transmission Owner and NGET to co-operate in relation to the assessment of compliance of Section K of this STC.

8. COMPLIANCE ASSESSMENT

8.1 Each Offshore Transmisison Owner shall provide to NGET such information and assistance in relation to that Offshore Transmission Owner's Transmission System as required by NGET to enable NGET to undertake an assessment of the capability of the Offshore Transmisison System to satisfy certain criteria as specified in this Section K. The Offshore Transmission Owner is responsible for carrying out any testing when requested by NGET and retains the responsibility for the safety of personnel and plant during test.

APPENDIX 2 – PROPOSED TEXT CHANGES TO SCHEDULE 3

2.2 **General Transmission Information**

2.2.1 A Party may Disclose the following Transmission Information to a Transmission Owner:

(a) specifications of any current or future IT or communications system(s) of the Disclosing Party and the operation and maintenance of such system(s);

(b) information incidental to the development of the form of any Services Capability Specification;

(c) information incidental to Party Entry Processes or Decommissioning Actions;

(d) any information in, or related to the development of, a Local Joint Restoration Plan or De-synchronised Island(s) procedure for the Receiving Transmission Owner's Transmission System;

(e) information forming part of or related to the conduct of a Joint Investigation;

(f) numbering or nomenclature information;

(g) information for the purpose of safety co-ordination including, without limitation, Safety Rules, Site Responsibility Schedules and Local Safety Instructions;

(h) information related to the development or conduct of tests, but not including the results of such tests (except and to the extent that such results are otherwise permitted to be Disclosed under this Schedule Three);

(i) information related to the subject matter of any Dispute referred to arbitration under Section D, paragraph 5 or an Independent Engineer under a Construction Agreement;

(j) information in relation to any direction or notice issued or proposed by NGET in respect of Nuclear Installations under Section G, paragraph 3;

(k) technical or other information under Section G, paragraph 6, following the disposal or the whole or any part of the Disclosing Party's business or undertaking; ~~and~~

(l) information forming part of any notice of Force Majeure; and

(m) technical information for the modelling of control systems included in an Offshore Transmission System to provide dynamic control of reactive capability and voltage in accordance with Section K of this STC.