Issue <u>34</u> – <u>07xx/12xx/2009</u>31/01/2006

# STCP 12-1 Issue 00<u>4</u>3 Data Exchange Mechanism

### **STC Procedure Document Authorisation**

PartyCompany	Name of Party Representative	Signature	Date
National Grid Electricity Transmission plc			
SP Transmission Ltd			
Scottish Hydro-Electric Transmission Ltd			
Offshore Transmission Owners			

#### **STC Procedure Change Control History**

Issue 1	18/03/2005	
Issue 2	29/03/2005	BETTA Go-Live version
Issue 3	31/01/2006	Incorporating PA034, PA037 and PA041
Issue 4	<u>04<mark>Xx</mark>/12xx/2009</u>	Incorporating changes for offshore transmission

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#### Introduction

#### 1.1 Overview

1.1.1 In the event of any inconsistency between this document and other STCPs, the provisions of those STCPs shall prevail until such times as amendments are agreed and the documents re-aligned.

#### 1.2 Scope

- 1.2.1 This document applies to the formal exchange of data between Parties. A formal data exchange represents the transfer between Parties of data files or documents, as defined in the STCPs. All formal data exchanged between Parties is considered excepting the provision of data transferred via the SO-TO Datalink as defined in STCP4-1. These formal exchanges shall form the basis under which Parties meet their obligations under the STC and related procedures.
- 1.2.2 Full details and the context in which data is exchanged are contained within the respective STCPs.
- 1.2.3 This procedure applies to NGET and each TO.
- 1.2.4 For the purposes of this document, the TOs are:
  - SPT; and
  - SHETL<u>and</u>
  - All Offshore Transmission Licence holders as appointed from time to time by the Authority

#### 1.3 Objectives

- 1.3.1 The objectives of this document are to:
  - provide the framework of data exchange for the processes that define the relationship between NGET and TO(s) under BETTA;
  - provide a consolidated list of the timing, content and transfer method as defined within other STC processes by presenting a unified listing of the information exchanges as identified within the individual STCPs;
  - define the responsibilities of NGET and TO in relation to the transfer of data between Parties;
  - define a process for maintaining consistency across all STC processes; and
  - to identify the data items to be exchanged and consolidates those data items into specific data exchange transfers.
- 1.3.2 Also, in the absence of specific individual STCP requirements to provide:
  - a default audit process; and
  - a default data substitution process.

#### 1.4 Background

- 1.4.1 Individual STCPs describe the detail of each data exchange. A framework for the exchange of data is required to ensure consistency across all STCPs. It is also necessary to source all the data exchanges within a single document to assist with consistency and co-ordinating the change management process across all STCPs.
- 1.4.2 The Data Catalogue (refer to Appendix C) provides a consolidated list of all required data items and the flows by which the data items are exchanged. The Data Catalogue

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consists of two inter-dependent documents, the Data Item List (see 1.4.3) and the Logical Interface Catalogue (LIC) (see 1.4.4).

#### 1.4.3 The Data Item List

- 1.4.3.1 The Data Item List provides a complete list of all data elements that will be exchanged. Each item within the list has:
  - a) Data Item Reference a unique identifier for each data item;
  - b) Item Name a name given to the data item that meaningfully describes the group of Standard Data Attributes being exchanged;
  - c) Item Description a description of the data item being exchanged;
  - d) Standard Data Attributes a list of attributes that must be part of the exchange each time there is a transfer of that data item; and
- 1.4.3.2 A data item may be transferred by one or many data exchanges as described within the Logical Interface Catalogue.

#### 1.4.4 The Logical Interface Catalogue

- 1.4.4.1 The Logical Interface Catalogue provides a register of the exchanges between Parties. For each data exchange identified it provides:
  - a) Transfer Reference a reference linking logical exchanges that are transferred within the same exchange;
  - b) Lead STCP Reference the STCP in which the exchange is described.;
  - c) Related STCP Reference the STCP that uses the exchange in addition to the lead STCP. The related STCP will normally refer to the lead STCP within its description of the exchange;
  - d) From Party the Party that provides the exchange;
  - e) To Party the Party that receives the exchange;
  - f) Trigger the action that leads to the exchange;
  - g) Mechanism the method used to transfer the exchange and whether the transfer is of a structured or unstructured type;
  - h) Data Item Reference a link to the Data Item List that identifies the attributes transferred as part of the exchange;
  - i) Information a description of the exchange.

# 2 Key Definitions

#### 2.1 For the purposes of STCP12-1:

2.1.1 **Data Co-ordinator** means the contact(s) provided by each Party for the receipt and issuing of data under STCP12-1.

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## **3** Procedure

#### 3.1 Data Exchange

- 3.1.1 Each Party shall provide Data Co-ordinator(s) for the receipt and issuing of data. If appropriate, this can be achieved by allocating a different contact for specific transfers. The Data Co-ordinator will be referenced within each exchange.
- 3.1.2 When issuing data, the Data Co-ordinator shall ensure:
  - the data to be transferred is in the format agreed between the transferring Parties;
  - all data required for a transfer flow is available;
  - the data is the latest version available unless a specific version of the data is requested;
  - that the contents of the exchange are validated by the originating Party as accurate and consistent with existing transfers and their STCPs;
  - transfers are recorded in accordance with the requirements of individual STCPs or, in the absence of such requirements, the default change control procedure defined in this document;
  - the information passed between STC Parties is limited to that permitted under the STC; and
  - the data is provided within the required timescale.
- 3.1.3 When receiving data, the Data Co-ordinator shall ensure:
  - that the data submitted is complete in accordance with the relevant STCPs and fit for use (i.e. the data is not corrupted, drawings are clean and clear etc). For clarity, this does not extend to validating the content of the exchange;
  - the information held is updated in a timely manner;
  - that the data is distributed internally, notifying relevant persons of changes to that data and ensure that the data is available to them; and
  - that receipts are recorded in accordance with the requirements of individual STCPs or, in the absence of such requirements, the default change control procedure defined in this document.

#### 3.2 Change Control

- 3.2.1 As data items are amended a new version of the data transfer file which holds the data item will be issued to all relevant Parties via the Data Co-ordinator.
- 3.2.2 In the absence of any specific STCP requirements, the nominated Data Co-ordinator for transfers within each Party shall be responsible for recording and acknowledging transfers as outlined below:
- 3.2.2.1 On issuing a transfer of information the issuing Data Coordinator shall:
  - record the date and time of issue;
    - record the name of recipients of the exchange;
  - send an effective start date and time with the exchange;
  - retain a copy of the information provided;
  - manage the archiving of superseded data.
- 3.2.2.2 On receipt of an information transfer, the receiving Data Coordinator shall:
  - acknowledge receipt of the file indicating their acceptance/rejection of the information contained therein. Acceptance of receipt is tacit agreement to use the information from the effective start date and time stated provided said date and time is sufficiently in advance of the receipt date and time to permit the recipient to sensibly act upon it. If not, the recipient shall raise the issue with the

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initiating Party indicating the earliest opportunity that it can be acted upon. If rejecting the exchange, a reason for the rejection shall be provided;

- record the name of issuing contact along with date and time received;
- and if exchange accepted, retain a copy of the latest information provided;
- and if exchange accepted, ensure that the information held is updated and internally available in a timely manner;
- internally, communicate to relevant working groups the revision to the information; and
- manage the archiving of superseded data.
- 3.2.3 In the absence of STC or other STCP specific requirements previous submissions may be retained by each Party in accordance with internal data retention and archiving policies.

#### 3.3 Audit

- 3.3.1 This section relates to the checking of the consistency of the data held by each Party against the formal submission process. Unless stated within individual STCPs, no regular audits of data are envisaged. The provisions of individual STCPs take precedence over the default arrangements outlined within this procedure.
- 3.3.2 Parties shall be responsible for their own internal audit procedures.

Where a Party has a concern over the accuracy or consistency of the data pertinent to them and held by another Party, they may request an audit of this information, in which case, they will provide an explanation as to why the audit is required. The timing and duration of any such audit will be by mutual consent. In the absence of agreement, a Party may raise a dispute in accordance with the STC.

- 3.3.3 When performing an audit, data consistency checks will be undertaken by the following points:
  - 1) Each affected Party will provide to the instigating Party a record of the latest versions of information which they are using.
  - 2) These records will be examined by the instigating Party who will provide confirmation or otherwise that the correct information is being utilised.
  - 3) Where instances are discovered of inconsistent data new data transfer files will be issued and the recipient must notify when their existing files have been updated as described within the relevant STCP or within the guidelines outlined within this document.

#### 3.4 Data Not Supplied

- 3.4.1 The provisions of individual STCPs take precedence over the default arrangements for the estimation of data outlined within this procedure.
- 3.4.2 If data is not supplied when required by an STCP then that data will be estimated if and when it is necessary to do so.
- 3.4.3 Such estimates will, in each case, be based upon data supplied previously under the STCPs or other such data that may be reasonably assumed for that purpose.
- 3.4.4 In the event of data not being supplied the proposed user shall notify the appropriate Data Co-ordinator of any estimated data, which it intends to use.

#### 3.5 Supplementary Information Request (SIR)

3.5.1 This section provides for the formal exchange of supplementary information between NGET and the TO(s) which are not covered by the existing STC or STCP provisions

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but which may be required to better facilitate the meeting of licence, STC or other requirements identified by NGET or the TO(s).

- 3.5.2 Data exchanged under an SIR shall have the same status and standing as all other exchanges covered by the STC and related STCPs.
- 3.5.3 On identifying the need for supplementary data, the nominated Data Co-ordinator for the originating Party shall raise and send a formal request using the Supplementary Information Request form (see Appendix B).
- 3.5.4 The identifier for the SIR shall combine an identifier for the initiator (e.g. NGET, SPT, SHETL) followed by an incremental number.
- 3.5.5 Dates shall be provided for the formal response to the SIR and when the actual data provision is required (fields "Date Response Required" and "Originator Date for Data Provision")
- 3.5.6 Where discussions have already taken place, the originating Party may also indicate the names of those resolution contacts.
- 3.5.7 The originator shall indicate on the form whether the information requested is required on an on-going basis and therefore requires an STCP amendment. In such cases it is the responsibility of the originating Party to raise such amendments as are necessary and in accordance with the change management process.
- 3.5.8 The recipient(s) shall assess and reply to an SIR either indicating acceptance and the limits (including form of transfer) to which such request can be met, or rejection of the request stating the basis for its rejection. The actual data may be transferred with the SIR response or at a later date as agreed and indicated on the SIR form.
- 3.5.9 On satisfactory transfer of the agreed data, and where there is no proposed STCP modifications, the SIR shall be closed. Where it has been indicated that an STCP modification is required the SIR shall remain in effect and timely updates to the data provided (in accordance with the SIR) until such times as the STCP modifications are incorporated into those documents.

#### 3.6 STCP Information Request and Acknowledgement

- 3.6.1 Requests for information shall have the same status and standing as all other exchanges covered by the STC and STCPs and therefore require a response. This response will be provided on the same form as the request. Furthermore, the detail contained within the form will be dictated by the business context as described in the STCP that triggers the exchange of the form.
- 3.6.2 In the absence of a specific form within the STCP that requires the exchange, a form (see Appendix B) is available to either accept or reject the exchanged information. The detail contained within the form will be dictated by the business context within which the form is exchanged as described in the STCP that triggers the exchange of the form.

#### 3.7 Data Co-ordinators

3.7.1 Data is exchanged between the Data Co-ordinators who are appointed by each company. A change to a Data Co-ordinator will require the changing company to inform both other companies of that change.

#### 3.8 Services Capability Specification for Offshore TO

3.8.1 Services Capability data for the Offshore TO is exchanged between the Data Co-ordinators using the agreed process between the individual TO and NGET. This process may be defined in the specific Offshore TO Services Capability Specification Guidance Notes to enable each TO to meet their obligations under the STC.

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# 4 Maintenance of this STCP

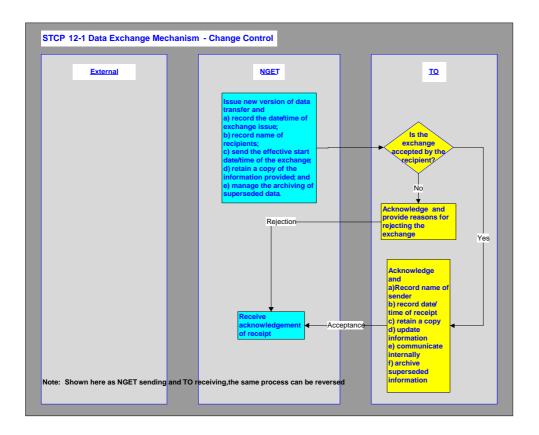
- 4.1 As stated above, one objective of this document is to provide a process for maintaining consistency between STC Processes.
- 4.2 Where a change is proposed to an individual STCP, the following principal steps shall be followed to assess the impact on other STCPs and ensure consistency between documents.
- 4.3 For each change proposal that impacts on the transfer of any data items:
  - a) Check the Data Item List to see if the data item is already transferred
  - b) If the data item is already transferred, assess the impact against the Item Description, Standard Data Attributes and Detailed Attributes. Check the LIC to identify each instance that the data item is transferred and consider the impact on those entries. Add the entry to the LIC.
  - c) If the data item is not already transferred, then add the transfer to the Data Item List and a corresponding entry in the LIC.

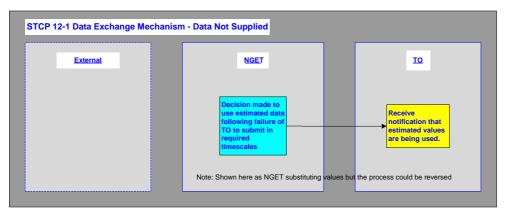
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**Appendix A: Flow Diagram** Note that the Process Diagrams shown in this Appendix A are for information only. In the event of any contradiction between the process represented in this Appendix and the process described elsewhere in this STCP, then the text elsewhere in this STCP shall prevail.

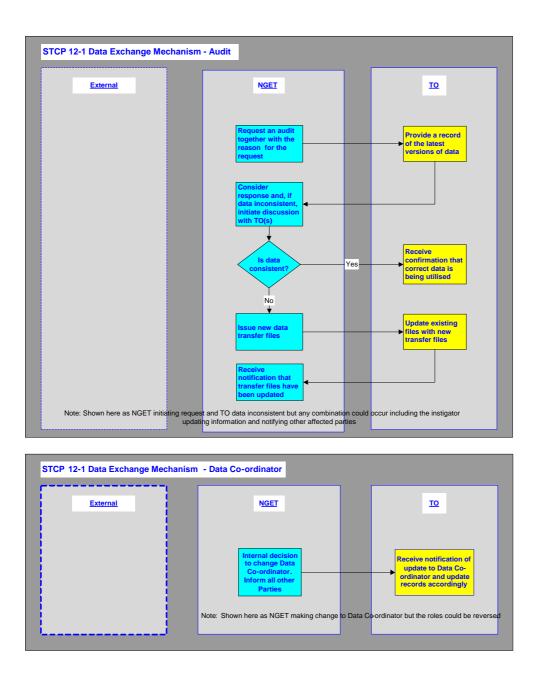
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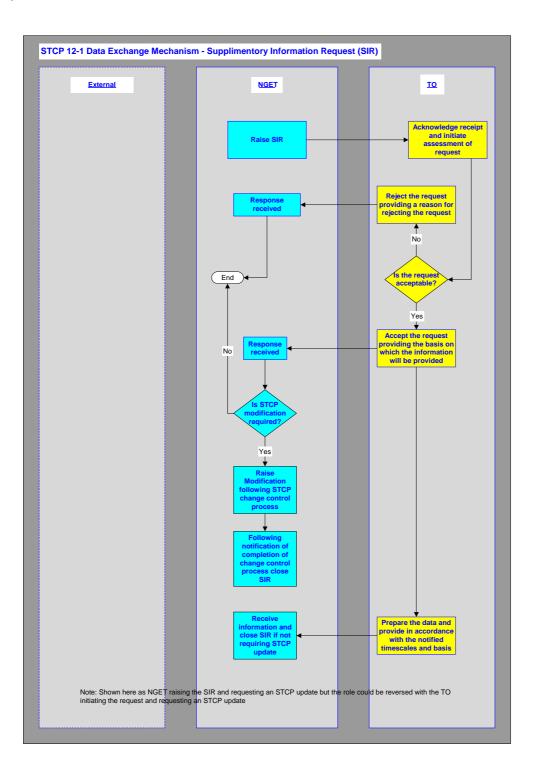


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# Appendix B: Standard Forms / Certificates

#### Supplementary Information Request (SIR)

Originator Ref:			
From:			
То:			
Date:			
Date Response Required <sup>1</sup> :			
Resolution Contacts –			
Originator:			
Recipient:			
Information Required (please s	state all data required):		
	1		
Is information to form part o	f an STCP? Ye	s/No	
Purpose / Reason:	<b>-</b>		
-			
Originator Date for Data Pro	vision <sup>2</sup> :		
Response:			
Data effective from	Date:	Time:	
Date/Time <sup>3</sup>			
<b>Provision Target Date</b> <sup>4</sup> :	·	Date SIR Closed:	

<sup>&</sup>lt;sup>1</sup> The date the instigator of the request requires a response from the receiving party as to whether the <sup>2</sup> The preferred date by which the instigator of the request requires the information.
 <sup>3</sup> If data provided as part of the response the date from which the data becomes effective.
 <sup>4</sup> The date by which the data will be provided.

# **STCP Information Request**

STCP Information Re	equest	<b>STCP IR Reference<sup>5</sup></b> (if any)
То:	From:	STCP Reference:
Date of Request:	Date Response required	Response to be sent to:
	by:	
Information		
<b>required</b> (Please state all data		
required):		
STCP Information Re	sponse	
Date of Response:	Responder:	Response sent to:
Dute of Response.	Responder	
Information Provided		
(describe all data and any at		
		[·
Data effective from Data	ate/Time Date:	Time:

<sup>5</sup> As a minimum, a prefix identifying the company shall be inserted <u>Page 13 of 190</u>

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# STCP Data Exchange Acknowledgement Form

STCP Data Exchange Acknowledge	ement
Exchange Accepted/Rejected	
Data Transfer Number Received:	
Date of Receipt:	
Time of Receipt:	
Received By:	
Passed to:	
If Rejected then give reason:	

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# Appendix C: Data Catalogue

The Data Catalogue consists of two elements, the Logical Interface Catalogue, described in section 1.4.4 and the Data Item List, described in section 1.4.3. The Logical Interface Catalogue contains entries against the latest version of each of the STCPs at the time of issue of this STCP.

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# Logical Interface Catalogue

Transfer <u>Ref</u>	<u>Lead</u> STCP <u>Ref</u>	Related STCP <u>Ref</u>	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> <u>Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> <u>Reference</u>	Information
1	<u>1-1</u>	-	<u>3.4.2.5, 3.4.4.1,</u> <u>3.4.5.1</u>	<u>NGET</u>	<u>TO</u>	Following the development of the proposed Swithching Method for the release of Plant and / or Apparatus required for the Outage(s).	<u>Structured</u> paper	<u>26</u>	Transmission Status Certificate - Parts 1.1, 1.2 and 2.1
2	<u>1-1</u>	-	<u>3.4.2.6, 3.4.4.1,</u> <u>3.4.5.1</u>	<u>NGET</u>	<u>T0</u>	Following notification from the TO that alterations are required to the TSC and it is agreed that a new TSC is prepared	<u>Structured</u> paper	<u>26</u>	Transmission Status Certificate - Parts 1.1, 1.2 and 2.1
<u>3</u>	<u>1-1</u>	-	<u>3.4.2.8</u>	<u>TO</u>	<u>NGET</u>	Prior to commencing the Operational Switching programme for the planned release of Plant and or Apparatus	<u>Structured</u> paper	<u>26</u>	<u>Transmission Status Certificate -</u> Part 1.3, TO Contact Name
4	<u>1-1</u>	-	<u>3.4.4.1</u>	<u>TO</u>	<u>NGET</u>	Prior to commencing the Operational Switching programme for Cross Boundary circuits	<u>Structured</u> paper	<u>26</u>	Transmission Status Certificate - Parts 1.2 and 2.1
<u>5</u>	<u>1-1</u>	-	<u>3.4.5.1</u>	<u>TO</u>	<u>NGET</u>	Where it is necessary to make additions to the Plant and Apparatus previously released	Structured paper	<u>26</u>	Transmission Status Certificate - Part 1.3, TO Contact Name
<u>6</u>	<u>1-1</u>	-	3.4.2.8	<u>NGET</u>	<u>TO</u>	Prior to commencing the Operational Switching programme and following contact from the TO during a planned operational switching for the release of Plant and/or Apparatus	Structured paper	<u>26</u>	Transmission Status Certificate - Part 1.3, NGET Contact Name

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Transfer <u>Ref</u>	<u>Lead</u> STCP <u>Ref</u>	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> <u>Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> <u>Reference</u>	Information
<u>7</u>	<u>1-1</u>	-	<u>3.4.2.11, 3.4.4.1,</u> <u>3.4.5.1</u>	<u>NGET</u>	<u>TO</u>	Prior to the transfer of operational control of the Plant and / or Apparatus to the relevant TO	<u>Structured</u> paper	<u>26</u>	Transmission Status Certificate - Part 1.2, 2.1 and 2.2, NGET Contact Name
<u>8</u>	<u>1-1</u>	-	<u>3.4.2.11, 3.4.4.1,</u> <u>3.4.5.1</u>	<u>TO</u>	<u>NGET</u>	Prior to the transfer of operational control of the Plant and / or Apparatus to the relevant TO	<u>Structured</u> paper	<u>26</u>	Transmission Status Certificate - Part 1.2, 2.1 and 2.2, TO Contact Name
<u>9</u>	<u>1-1</u>	-	<u>3.4.6.4</u>	<u>T0</u>	<u>NGET</u>	Prior to the Plant and/or Apparatus being fully available for operational service for a full return to service of a planned operational switching	<u>Structured</u> paper	<u>26</u>	Transmission Status Certificate - Part 3, Exceptions
<u>10</u>	<u>1-1</u>	-	<u>3.6.3</u>	<u>TO</u>	NGET	Prior to the Plant and/or Apparatus being fully available for operational servicefor a return to service of a faulted Plant and/or Apparatus	Structured paper	<u>26</u>	Transmission Status Certificate - Part 3, Exceptions
<u>11</u>	<u>1-1</u>	-	<u>3.6.3</u>	<u>T0</u>	<u>NGET</u>	Prior to the Plant and/or Apparatus being fully available for operational service for a full return to service of a faulted Plant and/or Apparatus	<u>Structured</u> paper	<u>26</u>	Transmission Status Certificate - Part 3, Names and Date and Time
<u>12</u>	<u>1-1</u>	-	<u>3.4.6.4, 3.4.6.10</u>	<u>NGET</u>	<u>TO</u>	Prior to the Plant and/or Apparatus being fully available for operational service	<u>Structured</u> paper	<u>26</u>	<u>Transmission Status Certificate -</u> <u>Part 3, Names and Date and</u> <u>Time</u>
<u>13</u>	<u>1-1</u>	-	<u>3.4.6.6, 3.6.3</u>	<u>NGET</u>	<u>TO</u>	Following the development of the proposed Swithching Method for the return of servoce of the Plant and / or Apparatus.	<u>Structured</u> paper	<u>26</u>	Return Transmission Status Certificate - Parts 1, 1.1, and 1.2

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Transfer <u>Ref</u>	Lead STCP <u>Ref</u>	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> <u>Reference</u>	Information
<u>14</u>	<u>1-1</u>	-	<u>3.4.6.7</u>	<u>NGET</u>	<u>TO</u>	Following notification from the TO that alterations are required to the Return TSC and it is agreed that a new Return TSC is prepared. This is during a planned operational switching for the full return to service of Plant and/or Apparatus	Structured paper	<u>26</u>	Transmission Status Certificate - Parts 1.1, 1.2 and 2.1
<u>15</u>	<u>1-1</u>	_	<u>3.4.6.9, 3.6.3</u>	<u>TO</u>	<u>NGET</u>	Prior to commencing the Operational Switching programme during a planned operational switching for the full return to service of Plant and/or Apparatus	<u>Structured</u> paper	<u>26</u>	Transmission Status Certificate - Part 1.3, TO Contact Name
<u>16</u>	<u>1-1</u>	-	<u>3.4.6.9, 3.6.3</u>	<u>NGET</u>	<u>TO</u>	Prior to commencing the Operational Switching programme and following contact from the TO during a planned operational switching for the full return to service of Plant and/or Apparatus	<u>Structured</u> <u>paper</u>	<u>26</u>	Transmission Status Certificate - Part 1.3, NGET Contact Name
<u>17</u>	<u>1-1</u>	-	<u>3.4.6.10, 3.6.3</u>	<u>TO</u>	<u>NGET</u>	Prior to the Plant and/or Apparatus being fully available for operational service	Structured paper	<u>26</u>	Transmission Status Certificate - Part 3, Names and Date and Time
<u>18</u>	<u>1-1</u>	-	<u>3.4.7.5, 3.6.3</u>	<u>T0</u>	<u>NGET</u>	Where there is a partial return to service of Plant and/or Apparatus indicated on the TSC	Structured paper	<u>26</u>	Transmission Status Certificate - Part 3, Exceptions
<u>19</u>	<u>1-1</u>	-	<u>3.4.7.6, 3.6.3</u>	<u>NGET</u>	<u>T0</u>	Following receipt of the cancellation notice where there are notified exceptions to that	Structured paper	<u>26</u>	Isolation Transmission Status Certificate (isolation)- Part 2.1, Plant and / or Apparatus

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Transfer Ref	Lead STCP Ref	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> <u>Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> Reference	Information
						cancellation			remaining under TO control.
20	<u>1-1</u>	-	<u>3.4.7.7, 3.6.3</u>	<u>NGET</u>	<u>T0</u>	Following the issue of the Isolation Transmission Service Certificate	Structured paper	<u>26</u>	Isolation Transmission Status Certificate - Part 2.2, NGET Contact Name
21	<u>1-1</u>	-	<u>3.4.7.7, 3.6.3</u>	<u>TO</u>	<u>NGET</u>	Following the issue of the Isolation Transmission Service Certificate	Structured paper	<u>26</u>	Isolation Transmission Status Certificate - Part 2.2, TO Contact Name
22	<u>1-1</u>	-	<u>3.4.7.8, 3.6.3</u>	<u>TO</u>	<u>NGET</u>	Following completion and exchange of Part 2.2 of the Isolation TSC	Structured paper	<u>26</u>	<u>Transmission Status Certificate</u> (original) - Part 3, Names and Date and Time
23	<u>1-1</u>	-	<u>3.4.7.8, 3.6.3</u>	<u>NGET</u>	<u>TO</u>	Following completion and exchange of Part 2.2 of the Isolation TSC	Structured paper	<u>26</u>	Transmission Status Certificate (original) - Part 3, Names and Date and Time
24	<u>1-1</u>	-	<u>3.4.7.10, 3.6.3</u>	<u>NGET</u>	<u>TO</u>	Following receipt of the TSC with part 3 completed	Structured paper	<u>26</u>	Return Transmission Status Certificate - Parts 1, 1.1, and 1.2
25	<u>1-1</u>	-	<u>3.4.7.11</u>	NGET	<u>TO</u>	Following notification from the TO that alterations are required to the Return TSC and it is agreed that a new Return TSC is prepared. This is during a planned operational switching for the partial return to service of Plant and/or Apparatus	<u>Structured</u> paper	<u>26</u>	Return Transmission Status Certificate - Parts 1.1, 1.2 and 2.1

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Transfer <u>Ref</u>	Lead STCP <u>Ref</u>	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> <u>Reference</u>	Information
<u>26</u>	<u>1-1</u>	_	<u>3.4.7.13</u>	<u>TO</u>	<u>NGET</u>	Prior to commencing the Operational Switching programme during a planned operational switching for the partial return to service of Plant and/or Apparatus	Structured paper	<u>26</u>	Return Transmission Status Certificate - Part 1.3, TO Contact Name
<u>27</u>	<u>1-1</u>	-	<u>3.4.7.13, 3.6.3</u>	<u>NGET</u>	<u>TO</u>	Prior to commencing the Operational Switching programme and following contact from the TO during a planned operational switching for the partial return to service of Plant and/or Apparatus	<u>Structured</u> paper	<u>26</u>	Return Transmission Status Certificate - Part 1.3, NGET Contact Name
<u>28</u>	<u>1-1</u>	-	<u>3.4.7.14, 3.6.3</u>	<u>TO</u>	<u>NGET</u>	On completion of the Operational Switching programme and following TO notifying NGET of the same	Structured paper	<u>26</u>	Return Transmission Status Certificate - Part 3, Names and Date and Time
<u>29</u>	<u>1-1</u>	-	<u>3.4.7.14, 3.6.3</u>	<u>NGET</u>	<u>T0</u>	On completion of the Operational Switching programme and following TO notifying NGET of the same	Structured paper	<u>26</u>	Return Transmission Status Certificate - Part 3, Names and Date and Time
<u>30</u>	<u>1-1</u>	-	<u>3.6.2.5</u>	<u>NGET</u>	<u>T0</u>	Following a fault that is considered permanent and the Plant and / or Apparatus with the fault remains out of service	Structured paper	<u>26</u>	Transmission Service Certificate - Part 2.1, System Released.
<u>31</u>	<u>2-1</u>	<u>4-5</u>	<u>3.2.2</u> <u>3.2.3</u>	<u>TO</u>	<u>NGET</u>	Following receipt of a Class 1 Alarm	Unstructured email	<u>109</u>	Information for NGET in the event of a Class 1 Alarm
<u>32</u>	<u>2-1</u>	-	<u>3.2.3</u>	<u>TO</u>	<u>NGET</u>	As soon as reasonably practicable after an Event associated with a Class 1 Alarm	Structured email	<u>76</u>	Restoration proposal to deal with any Event associated with a Class 1 Alarm

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<u>Transfer</u> <u>Ref</u>	Lead STCP Ref	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> <u>Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> Reference	Information
<u>33</u>	<u>2-1</u>	-	<u>3.2.4</u>	<u>TO</u>	NGET	Following change to previously notified information to NGET as a result of a Class 1 Alarm or previously notified Service Restoration Proposal as a result of a Class 1 Alarm	Unstructured email	<u>1. 110</u> <u>2. 109</u> <u>3. 76</u>	1. Notification of change to information previously provided and the changed information2. Alarm operational information 3. Service Restoration Proposal
<u>34</u>	<u>2-1</u>	-	<u>3.2.5</u>	<u>NGET</u>	<u>TO</u>	At any time to confirm outastanding Class 1 Alarms	Structured email	<u>77</u>	Request for information on all outstanding Class 1 Alarms, associated Events and plant OCLs
<u>35</u>	<u>2-1</u>	-	<u>3.2.5</u>	<u>TO</u>	NGET	Following request for information and progress updates on outstanding Class 1 Alarms, associated Events and plant OCLs	Structured email	77	Progress updates on outstanding Class 1 Alarms, associated Events and plant OCLs. This is provided as an STCP Information Response
<u>36</u>	<u>2-1</u>	<u>4-5</u>	<u>3.3.2</u> <u>3.2.3</u>	<u>TO</u>	<u>NGET</u>	Following receipt of a Class 2	Unstructured email	<u>109</u>	Information for NGET in the event of a Class 2 Alarm
37	<u>2-1</u>	-	<u>3.3.3</u>	<u>TO</u>	NGET	As soon as reasonably practicable after an Event associated with a Class 2 Alarm	Structured email	<u>76</u>	Restoration proposal to deal with any Event associated with a Class 2 Alarm
<u>38</u>	<u>2-1</u>	-	<u>3.3.4</u>	<u>TO</u>	<u>NGET</u>	Following change to previously notified information to NGET as a result of a Class 2 Alarm or previously notified Service Restoration Proposal as a result of a Class 2 Alarm	Unstructured email	<u>1. 110</u> <u>2. 109</u> <u>3. 76</u>	Notification of change to information previously provided and the changed information
<u>39</u>	<u>2-1</u>	-	<u>3.3.5</u>	<u>NGET</u>	<u>TO</u>	At any time to confirm outastanding Class 2 Alarms	Structured email	<u>77</u>	Request for information on all outstanding Class 2 Alarms, associated Events and plant OCLs

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<u>Transfer</u> <u>Ref</u>	Lead STCP Ref	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> <u>Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> <u>Reference</u>	Information
<u>40</u>	<u>2-1</u>	-	<u>3.3.5</u>	<u>TO</u>	<u>NGET</u>	Following request for information and progress updates on outstanding Class 2 Alarms, associated Events and plant OCLs	Structured email	77	Progress updates on outstanding Class 2 Alarms, associated Events and plant OCLs. This is provided as an STCP Information Response
<u>41</u>	<u>3-1</u>	-	<u>3.1.2</u>	<u>NGET</u>	<u>TO</u>	Following an Event on or affecting the National Electricity Transmission System, User System or interconnected System	Structured email	77	Request for information regarding an Event
<u>42</u>	<u>3-1</u>	-	<u>3.1.2</u>	<u>TO</u>	<u>NGET</u>	Following a request from NGET for information regarding an Eventn	Structured email	77	Response to a request for information regarding an Event
<u>43</u>	<u>3-1</u>	-	<u>3.1.4</u>	<u>TO</u>	NGET	Following an Event on or affecting the TO Transmission System	Structured email	77	Request for information regarding an Event
<u>44</u>	<u>3-1</u>	-	<u>3.1.4</u>	<u>NGET</u>	<u>TO</u>	Following a request from a TO for information regarding an Event	Structured email	77	Response to a request for information regarding an Event
<u>45</u>	<u>3-1</u>	-	<u>3.2.1</u>	<u>NGET</u>	<u>TO</u>	Following the awareness of an Event that may have an Operational Effect on the TO Transmission System	Unstructured email	<u>78</u>	Notifictaion that there has been an Event that may have an Operational Effect.
<u>46</u>	<u>3-1</u>	-	<u>3.2.2</u>	<u>T0</u>	<u>NGET</u>	Following the awareness of an Event that may have an Operational Effect on the National Electricity Transmission System	Unstructured email	<u>78</u>	Notifictaion that there has been an Event that may have an Operational Effect.
<u>47</u>	<u>3-1</u>	-	<u>3.2.4</u>	<u>TO</u>	<u>NGET</u>	Following the entry of a fault report in the TO database	Unstructured email	<u>78</u>	Notification of the unique number entered into the TO database to identify a fault report

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Transfer <u>Ref</u>	Lead STCP Ref	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> <u>Reference</u>	Information
<u>48</u>	<u>3-1</u>	-	<u>3.2.4</u>	<u>NGET</u>	<u>T0</u>	Following the entry of a fault report in the NGET database	Unstructured email	<u>78</u>	Notification of the unique number entered into the NGET database to identify a fault report
<u>49</u>	<u>3-1</u>	-	<u>3.2.6</u>	<u>TO</u>	<u>NGET</u>	Following an Event that is considered to be a Significant Incident	Structured email	<u>77</u>	Request for a Significant Incident Report
<u>50</u>	<u>3-1</u>	-	<u>3.2.7</u>	<u>NGET</u>	<u>T0</u>	Following receipt of a request for a Serious Incident Report	Unstructured email / paper	<u>195</u>	Significant Incident Report
<u>51</u>	<u>3-1</u>	-	<u>3.2.8</u>	<u>NGET</u>	<u>T0</u>	At any time following an Event or Significant Incident	Structured email	77	Request for information on an Event or Significant Incident
<u>52</u>	<u>3-1</u>	-	3.2.8	<u>TO</u>	<u>NGET</u>	Following a request for information in relation to an Event or Significant Incident	Structured email	77	Response to a request for information on an Event or Significant Incident
<u>53</u>	<u>3-1</u>	-	<u>3.3.1</u>	<u>NGET</u>	<u>TO</u>	Where deemed necessary to produce a follow up report to the Significant Incident Report	Unstructured email / paper	<u>196</u>	Follow-up Significant Incident Report
<u>54</u>	<u>3-1</u>	-	<u>3.3.3</u>	NGET	<u>TO</u>	Where deemed appropriate to request a follow up report to the Significant Incident Report	Structured email	77	Request for a Follow-up Significant Incident Report
<u>55</u>	<u>3-1</u>	-	<u>3.3.3</u>	<u>TO</u>	<u>NGET</u>	Normally within 4 weeks of receipt of a request for a Follow- up Significant Incident Report	Unstructured email / paper	<u>196</u>	Follow-up Significant Incident Report
<u>56</u>	<u>3-1</u>	-	<u>3.6.4</u>	<u>NGET</u>	<u>T0</u>	Following the completion of a draft Transmission Licence condition report that has implications for another Party	<u>Unstructured</u> email / paper	<u>197</u>	Draft Transmission Licence condition report

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Transfer <u>Ref</u>	Lead STCP Ref	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> <u>Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> Reference	Information
<u>57</u>	<u>4-1</u>	-	<u>3.1.2</u>	<u>TO</u>	<u>NGET</u>	Four weeks in advance of implementation of change to rela time data not associated with primary equipment	1. Structured email 2. Structured email 3. Unstructured email	<u>1. 100</u> <u>2. 125</u> <u>3. 126</u>	1. Modification of Facilities Certificate 2. Real Time Data Spreadsheet 3. Operational Diagram
<u>58</u>	<u>4-1</u>	-	<u>3.1.2</u>	<u>NGET</u>	TO	Following notification of change to real time data not associated with primary equipment	Unstructured email	<u>78</u>	Notification form acknowledging receipt of the Modification of Facilities Certificate and Real Time Data Spreadsheet
<u>59</u>	<u>4-1</u>	-	<u>3.1.3</u>	<u>NGET</u>	<u>TO</u>	Following changes to real time data at NGET sites where a TO has data transmission equipment installed	1. Structured email 2. Unstructured email	<u>1. 100</u> <u>2. 126</u>	1. Modification of Facilities Certificate 2. Operational Diagrams
<u>60</u>	<u>4-1</u>	-	<u>3.1.4</u>	<u>NGET</u>	<u>TO</u>	Following change initiated by a User that may modify the TO database and in time to allow TO to meet 4 week deadline	Unstructured email	<u>78</u>	Notification form providing User changes to real time data
<u>61</u>	<u>4-1</u>	-	<u>3.1.5</u>	NGET	<u>TO</u>	Following the need to carry out testing to validate the transmission of real time data from the TO to NGET following changes made to either or both the TO and NGET database.	Structured email	77	Request for data link check to validate the transmission of real time data

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<u>Transfer</u> <u>Ref</u>	Lead STCP <u>Ref</u>	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> <u>Reference</u>	Information
<u>62</u>	<u>4-1</u>	<u>19-4</u>	<u>3.2.4</u> <u>STCP19-4 App B,</u> <u>Item 4 and</u> <u>STCP19-4</u> <u>App C, Item 7</u>	<u>TO</u>	NGET	Not less than 6 weeks prior to the planned database change as a result of commissioning / decommissioning	1. Structured email 2. Structured email 3. Unstructured email	<u>1. 100</u> <u>2. 125</u> <u>3. 126</u>	1. Modification of Facilities Certificate 2. Real Time Data Spreadsheet 3. Operational Diagrams
<u>63</u>	<u>4-1</u>	-	<u>3.2.5</u>	<u>NGET</u>	<u>TO</u>	Following changes to real time data at NGET sites where a TO has data transmission equipment installed as a result of commissioning / decommissioning	1. Structured email 2. Unstructured email	<u>1. 100</u> 2. 126	<u>1. Modification of Facilities</u> Certificate 2. Operational Diagrams
<u>64</u>	<u>4-1</u>	-	<u>3.2.7</u>	<u>NGET</u>	<u>TO</u>	Following notification of change to real time data not associated with primary equipment as a result of commissioning / decommissioning	Unstructured email	<u>78</u>	Notification form
<u>65</u>	<u>4-1</u>	-	3.2.8	<u>NGET</u>	<u>TO</u>	Following change initiated by a User associated with commissioning / decommissioning that may modify the TO database and in time to allow TO to meet 4 week deadline	Unstructured email	<u>78</u>	User changes to real time data associated with commissioning / decommissioning
<u>66</u>	<u>4-1</u>	-	<u>3.2.10</u>	NGET	<u>TO</u>	Following the need to carry out testing to validate the transmission of real time data resulting from changes to either or both of NGET / TO databases brought about by commissioning	Structured email	77	Request for data link check to validate the transmission of real time data resulting from a commissioning / decommissioning.

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						/ decommissioning from the TO to NGET.			
<u>67</u>	<u>4-2</u>	-	<u>3.4.1</u>	<u>NGET</u>	<u>TO</u>	Following proposed outage on the NGET part of the datalink up to the interface with the TO	Unstructured email / paper	<u>127</u>	Proposed outage information associated with the Datalink
<u>68</u>	<u>4-2</u>	-	<u>3.4.2</u>	<u>TO</u>	<u>NGET</u>	Following proposed outage on the TO part of the datalink up to the interface with the NGET	Unstructured email / paper	<u>127</u>	Proposed outage information associated with the Datalink
<u>69</u>	<u>4-3</u>	-	<u>3.1.4</u>	<u>TO</u>	NGET	Following acknowledgement that work may interrupt real time alarm data or result in the generation of sputious alarms or where there is a need to suppress or inhibit the transmission of alarms	Unstructured email	<u>78</u>	Notification form stating the details of the equipment affected.
<u>70</u>	<u>4-3</u>	-	<u>3.2.4</u>	<u>TO</u>	<u>NGET</u>	Following acknowledgement that work may interrupt real time indication status data or result in the generation of spurious indications	Unstructured email	<u>78</u>	Notification form stating the details of the equipment affected.
71	<u>4-3</u>	-	<u>3.3.3</u>	<u>TO</u>	NGET	Following acknowledgement that work at any transmission site or on SCADA equipment may interrupt the flow of real time analogue data or result in sputious or incorrect values	Unstructured email	<u>78</u>	Notification form stating the details of the equipment affected.

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Issue <u>34</u> – <u>07<del>××</del>/12××/2009</u>31/01/2006

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<u>72</u>	<u>4-4</u>	_	<u>3.1.1</u>	<u>TO</u>	<u>NGET</u>	Following identification that there is a need to issue, modify or cancel an OCL on any plant or equipment that could affect the operation of the Transmission System	Structured email / paper	<u>76</u>	Service Restoration Proposal
73	<u>4-4</u>	-	<u>3.1.1</u>	<u>TO</u>	<u>NGET</u>	Following identification that there is a need to issue, modify or cancel an OCL on any plant or equipment that could affect the operation of the Transmission System and after first verbally informing the relevant parties	Structured email / paper	<u>105</u>	<u>Operational Capability Limits</u> <u>Record</u>
<u>74</u>	<u>4-4</u>	-	<u>3.2.3</u>	<u>TO</u>	<u>NGET</u>	Following identification that an OCLR is unclear or inconsistent with another OCLR and following verbal notification	Structured email / paper	<u>105</u>	Operational Capability Limits Record. There may also be a need to cancel an existing OCLR
<u>75</u>	<u>4-4</u>	-	<u>3.3.1</u>	<u>TO</u>	<u>NGET</u>	Following identification that it is acceptable to operate Plant and Apparatus above its NCL with limitations and restrictions	Structured email / paper	<u>105</u>	Operational Capability Limits Record
<u>76</u>	<u>4-4</u>	-	<u>3.3.3</u>	<u>NGET</u>	<u>TO</u>	Identification that it is necessary to operate plant and apparatus in excess of its declared normal capability limit	Structured email / paper	<u>106</u>	Enhanced OCL Request Record - part 1
77	<u>4-4</u>	-	<u>3.3.6</u>	<u>TO</u>	<u>NGET</u>	Following receipt of enhanced request and assessment of the request	Structured email / paper	<u>106</u>	Enhanced OCL Request Record - part 2
<u>78</u>	<u>4-4</u>	-	<u>3.3.7</u>	<u>TO</u>	<u>NGET</u>	Following acceptance of a request to enhance OCL	Structured email / paper	<u>105</u>	Operational Capability Limits Record

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<u>79</u>	<u>4-4</u>	-	<u>3.6.1, 3.6.2</u>	<u>TO</u>	<u>NGET</u>	Following the requirement to permanently cancel an Enhanced OCL	<u>Structured</u> email / paper	<u>105</u>	Operational Capability Limits Record. A new OCLR should be issued simultaneously with the cancellation of the OCLR that contains the Enhanced OCL
<u>80</u>	<u>4-4</u>	-	<u>3.6.2</u>	<u>TO</u>	<u>NGET</u>	Following permanent cancellation of enhanced OCLs	Structured email / paper	<u>106</u>	Enhanced OCL Request Record - part 3
<u>81</u>	<u>4-4</u>	-	<u>3.6.2</u>	<u>NGET</u>	<u>TO</u>	Following permanent cancellation of enhanced OCLs	Structured email / paper	<u>106</u>	Enhanced OCL Request Record - part 3
<u>82</u>	<u>4-4</u>	-	<u>3.8.1</u>	<u>TO</u>	<u>NGET</u>	The receipt of an operational safety bulletin that may have an effect on the operation or the operational integrity of a TO's Transmission System	Unstructured FAX	<u>103</u>	Operational Safety Bulletin.
<u>83</u>	<u>4-4</u>	-	<u>3.8.2</u>	<u>NGET</u>	<u>T0</u>	The receipt of an operational safety bulleting that may have an effect on the operation or the operational integrity of a TO's Transmission System	Unstructured FAX	<u>103</u>	Operational Safety Bulletin
<u>84</u>	<u>4-5</u>	-	<u>3.3.1</u>	<u>TO</u>	NGET	Following a Party's acknowledgement that a proposed change may have a significant impact on its ability to provide the required infrastructure	Unstructured email	<u>78</u>	Notification that proposed changes may have a significant impact on that Party's ability to provide the required telephony infrastructure.
<u>85</u>	<u>4-5</u>	-	<u>3.4.1</u>	<u>TO</u>	NGET	A significant outage on its telephony infrastructure that the notifying Party deems to have a significant impact on it s ability to provide the required telephony	Unstructured email	<u>78</u>	Notification that an outage is required that could impact on the ability to provide the required telephony infrastructure.

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<u>Transfer</u> <u>Ref</u>	<u>Lead</u> <u>STCP</u> <u>Ref</u>	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> <u>Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> Reference	Information
						infrastructure			
<u>86</u>	<u>6-1</u>	-	<u>3.2.2.2</u>	NGET	<u>TO</u>	Creation of new LJRP	Structured email / paper	<u>75</u>	Local joint restoration plan
<u>87</u>	<u>6-1</u>	-	<u>3.2.2.3</u>	NGET	<u>TO</u>	Following receipt of the agreed	Structured email / paper	<u>75</u>	LJRP - TO Signatory section completed
<u>88</u>	<u>6-1</u>	-	<u>3.2.2.4</u>	<u>TO</u>	NGET	Following receipt of the TO signed LJRP	Structured email / paper	<u>75</u>	LJRP - Date of Implementation completed
<u>89</u>	<u>6-1</u>	-	<u>3.2.3.2</u>	<u>TO</u>	<u>NGET</u>	Following identification of changes required to LJRP	Unstructured email / paper	<u>110</u>	Change notice including the LJRP Reference and the elements of the LJRP that require change.
<u>90</u>	<u>6-1</u>	-	3.2.3.4	<u>NGET</u>	<u>TO</u>	Following notification and agreement of required change to LJRP	Structured email / paper	<u>75</u>	LJRP - Issue Number and Date of Implementation completed
<u>91</u>	<u>6-1</u>	-	<u>3.4.3</u>	<u>TO</u>	NGET	Following notification of a Black Start situation	Unstructured email / paper	<u>143</u>	Report on the Users' capability to carry out a Local Joint Restoration Plan
<u>92</u>	<u>6-1</u>	-	<u>3.4.11</u>	<u>NGET</u>	<u>TO</u>	Following good reason to terminate operation in accordance with the LJRP	Unstructured email / paper	<u>78</u>	Notification that the LJRP is to be terminated
<u>93</u>	<u>6-1</u>	-	<u>3.4.12</u>	<u>TO</u>	<u>NGET</u>	Following good reason to terminate operation in accordance with the LJRP	Unstructured email / paper	<u>78</u>	Notification that the LJRP is to be terminated
<u>94</u>	<u>6-1</u>	-	<u>3.4.15.1</u>	<u>NGET</u>	<u>TO</u>	On completion of Black Start	Unstructured email / paper	<u>142</u>	Completion of Black Start notice

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Transfer <u>Ref</u>	Lead STCP Ref	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> Reference	Information
<u>95</u>	<u>6-2</u>	-	<u>3.2.1.4</u>	<u>NGET</u>	<u>TO</u>	Following the identification of a change required to DIP	Unstructured email / paper	<u>84</u>	Changes to DIP method, procedure and information
<u>96</u>	<u>6-2</u>	-	<u>3.2.3.5</u>	<u>NGET</u>	<u>TO</u>	When the need for a De- sycronised island plan is identified as being required to operate a planned power island	<u>Unstructured</u> email / paper	<u>83</u>	Proposed De-synchronised Island Procedure
<u>97</u>	<u>6-2</u>	-	<u>3.2.3.5, 3.2.3.7</u>	<u>NGET</u>	<u>TO</u>	Following the signing of the DIP	Unstructured email / paper	<u>83</u>	De-synchronised Island Procedure - NGET signature, DIP date of implementation and DIP Issue Number completed
<u>98</u>	<u>6-2</u>	-	<u>3.3.6</u>	<u>NGET</u>	<u>TO</u>	Following the completion of the DIOC after agreement to the transfer of a Desynchronised Island	Structured email / paper	<u>85</u>	De-synchronised Island Operating Certificate
<u>99</u>	<u>6-2</u>	-	<u>3.3.6</u>	<u>TO</u>	<u>NGET</u>	Following agreement of time/date	<u>Structured</u> email / paper	<u>85</u>	De-synchronised Island Operating Certificate - signed by TO
<u>100</u>	<u>6-2</u>	-	<u>3.4.3</u>	<u>NGET</u>	<u>TO</u>	Following good reason for NGET to cancel the DIOC or in accordance with the DIP	Structured paper	<u>85</u>	De-synchronised Island Operating Certificate - cancellation section
<u>101</u>	<u>6-2</u>	-	<u>3.4.4</u>	<u>TO</u>	NGET	Following good reason for NGET to cancel the DIOC or in accordance with the DIP	Structured paper	<u>85</u>	De-synchronised Island Operating Certificate - cancellation section
<u>102</u>	<u>6-2</u>	-	<u>3.7.3</u>	<u>TO</u>	<u>NGET</u>	Following re-synchronisation of the De-synchronised Island	Structured paper	<u>85</u>	De-synchronised Island Operating Certificate - cancellation section
<u>103</u>	<u>6-3</u>	-	<u>3.1.3</u>	<u>NGET</u>	<u>T0</u>	On request from other STC Party	Unstructured email / paper	<u>115</u>	Duty Manager contact details

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Transfer <u>Ref</u>	Lead STCP <u>Ref</u>	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> <u>Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> Reference	Information
<u>104</u>	<u>6-3</u>	-	<u>3.1.4</u>	<u>NGET</u>	<u>TO</u>	Following agreement between NGET and TO to produce a media statement	Unstructured paper	<u>23</u>	Media Statement
<u>105</u>	<u>6-3</u>	-	<u>4.2.1, 4.3.6</u>	<u>NGET</u>	<u>TO</u>	Following an event that may cause sufficient disturbance or operating difficulties	<u>Unstructured</u> email / paper	<u>24</u>	National Electricity Transmission System Warning - Risk of System Disturbance warning
<u>106</u>	<u>6-3</u>	-	<u>4.2.1, 4.3.6</u>	<u>NGET</u>	<u>TO</u>	Following the issue of a warning to Users	Unstructured email / paper	<u>24</u>	National Electricity Transmission System Warning - Risk of System Disturbance warning
<u>107</u>	<u>6-3</u>	-	<u>4.2.5, 4.3.9</u>	<u>NGET</u>	<u>TO</u>	Following decision to implement an SIC and following any updates	<u>Structured</u> email / paper	<u>22</u>	System Incident Centre communication and contact details
<u>108</u>	<u>6-3</u>	-	<u>4.2.5, 4.3.9</u>	<u>NGET</u>	<u>TO</u>	Following a decision to implement an SIC	<u>Unstructured</u> email / paper	<u>24</u>	Notification of a serious disturbance warning given to other TO, where deemed appropriate
<u>109</u>	<u>6-3</u>	-	<u>4.5.1, 4.5.2</u>	NGET	<u>TO</u>	Following decision that an SIC is to be de-activated	Structured email / paper	<u>25</u>	SIC De-activation
<u>110</u>	<u>6-4</u>	-	<u>3.1.2, 3.1.3</u>	<u>NGET</u>	<u>TO</u>	Annually and on notification of change, re-issue or on request from other Party	Unstructured email / paper	<u>20</u>	Disaster recovery plans
<u>111</u>	<u>6-4</u>	-	<u>4.1.1, 4.1.2</u>	<u>NGET</u>	<u>TO</u>	As soon as possible following evacuation of a Control Centre	Unstructured email / paper	<u>21</u>	Notice of change of Control Centre
112	<u>6-4</u>	-	<u>5.1.1, 5.2.1</u>	<u>TO</u>	<u>NGET</u>	In the event of a Complete Voice Communication Failure betweed NGET and TO or Tos once communication has been restored	<u>Unstructured</u> email / paper	<u>78</u>	Notification of the Users that have been notified of the communication failure

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<u>113</u>	<u>8-1</u>	-	<u>3.2.11</u>	<u>NGET</u>	<u>T0</u>	On requirement of further information to assist in assessing any operational implications of Protection Tests	Structured email	77	Request for additional information to assist in assessing any operational implications of protection testing work including Service Reduction and Service Reduction Risks
<u>114</u>	<u>8-1</u>	-	<u>3.2.11</u>	<u>TO</u>	NGET	Following receipt of requst to provide information to assist in assessing any operational implications of protection testing work	Structured email	77	Response to request for additional information to assist in assessing any operational implications of protection testing work including Service Reduction and Service Reduction Risks
<u>115</u>	<u>8-2</u>	-	<u>3.3.1</u>	<u>TO</u>	NGET	When a series of Circuit Live Trip and DAR tests are proposed on a circuit. All reasonable endeavours shall be used to provide within 6 weeks prior to date of testing	Unstructured email / paper	<u>102</u>	A written Tests programme providing information on the sequence of tests to be undertaken
<u>116</u>	<u>8-2</u>	-	<u>3.3.4</u>	NGET	<u>TO</u>	As soon as reasonably practicable following receipt of the proposed Tests Programme	Unstructured email / paper	<u>46</u>	A co-ordinated response to the Tests programme. The comments field within this exchange will be detailing the response.
<u>117</u>	<u>8-2</u>	-	<u>3.3.6</u>	<u>TO</u>	<u>NGET</u>	Reasonable endeavours will be made to make it available within at least 5 days in advance of testing.	Unstructured email / paper	<u>102</u>	The agreed Tests programme

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<u>118</u>	<u>8-3</u>	-	<u>3.2.1.2, 3.2.2.1</u>	<u>TO</u>	<u>NGET</u>	Following the requirement to propose a test is established and submitted a minimum of 13 weeks prior to the date of the Tests.	<u>Unstructured</u> email / paper	<u>101</u>	<u>A Tests Proposal that includes</u> <u>sufficient detail to allow</u> <u>Transmission System and User</u> <u>Systems to be assessed.</u>
<u>119</u>	<u>8-3</u>	-	<u>3.2.1.3, 3.2.2.2</u>	<u>TO</u>	NGET	Following need to change the Tests Proposal	Unstructured email / paper	<u>101</u>	A revised Tests Proposal identifying the amended information.
<u>120</u>	<u>8-3</u>	-	<u>3.2.1.4</u>	<u>NGET</u>	<u>TO</u>	Following receipt of the Tests Proposal and any updates where the Test Proposer is a TO.	Unstructured email / paper	<u>101</u>	A copy of the Tests Proposal and all subsequent updates sent to any other affected TO
<u>121</u>	<u>8-3</u>	-	<u>3.2.1.5</u>	<u>NGET</u>	<u>TO</u>	Following response on the Tests proposal received from affected parties	<u>Unstructured</u> email	<u>46</u>	Comments on the Tests Proposal with the comment section being the collation of the responses from affected parties
<u>122</u>	<u>8-3</u>	-	<u>3.2.3.2, 3.2.4.2</u>	<u>TO</u>	<u>NGET</u>	Following agreement to the Tests proposal	Unstructured email / paper	<u>102</u>	Draft Tests programme
<u>123</u>	<u>8-3</u>	-	<u>3.2.3.3, 3.2.4.3</u>	<u>TO</u>	<u>NGET</u>	Following any revision to the Tests programme	Unstructured email / paper	<u>102</u>	Revised Tests programme
<u>124</u>	<u>8-3</u>	-	<u>3.2.3.4</u>	<u>NGET</u>	<u>TO</u>	Following receipt of the Tests programme and any updates where the Tests Proposer is a TO	Unstructured email / paper	<u>102</u>	Draft Tests Programme sent to any other affected TO
<u>125</u>	<u>8-3</u>	-	<u>3.2.3.5</u>	<u>NGET</u>	<u>TO</u>	Following response on the Tests programme received from affected parties	<u>Unstructured</u> email	<u>46</u>	<u>Comments on the Tests</u> programme with the comments being the collation of the responses from affected parties

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Transfer <u>Ref</u>	Lead STCP Ref	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> <u>Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> <u>Reference</u>	Information
<u>126</u>	<u>8-3</u>	-	<u>3.2.3.7, 3.2.4.6</u>	<u>TO</u>	NGET	Following completion of the Tests programme after all issues have been disucssed and addressed and at least 15 business days prior to the beginning of the Tests	Unstructured email / paper	<u>102</u>	Agreed Tests programme
<u>127</u>	<u>8-3</u>	-	3.2.3.8	<u>NGET</u>	<u>TO</u>	Following receipt of the agreed Tests programme and any updates where the Tests Proposer is a TO	Unstructured email / paper	<u>102</u>	Agreed Tests Programme sent to any other affected TO
<u>128</u>	<u>8-3</u>	-	<u>3.2.3.9, 3.2.4.7</u>	<u>TO</u>	<u>NGET</u>	Following need to change the Tests programme	<u>Unstructured</u> email / paper	<u>102</u>	A revised Tests programme identifying the amended information.
<u>129</u>	<u>8-3</u>	-	<u>3.2.3.9, 3.2.4.7</u>	<u>NGET</u>	<u>TO</u>	Following agreement to any changes to the Tests programme	Unstructured email / paper	<u>78</u>	Notification of agreement to amendment to Tests programme
<u>130</u>	<u>8-3</u>	-	3.2.5.2	<u>NGET</u>	<u>TO</u>	Following assessment of the National Electricity Transmission System implications of the tests	Unstructured email / paper	<u>46</u>	Comments on the National Electricity Transmission System implications of the Tests. The comments being the co- ordinated response from NGET and Users
<u>131</u>	<u>8-4</u>	-	<u>3.2.2, 3.2.3.1,</u> <u>3.2.3.2, 3.2.10</u>	<u>NGET</u>	<u>TO</u>	Following receipt of the Tests Proposal from the Test Proposer and any updates that may be required	<u>Structured</u> email / paper	<u>101</u>	Test Proposal for User Tests stating reason for Test and Plant and Apparatus involved in sufficient detail to assess System, User and asset implications
<u>132</u>	<u>8-4</u>	-	3.2.8	<u>NGET</u>	<u>TO</u>	Following preparation of the draft Tests Programme and any subsequent updates	<u>Structured</u> email / paper	<u>102</u>	Draft Tests Programme

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<u>133</u>	<u>8-4</u>	-	<u>3.2.10.1</u>	<u>NGET</u>	<u>TO</u>	Following the proposal of User Tests by the User	Structured email / paper	<u>102</u>	Revised Tests Programme
<u>134</u>	<u>8-4</u>	-	<u>3.2.10.2</u>	<u>NGET</u>	<u>TO</u>	Following the proposal of User Tests by NGET	Structured email / paper	<u>102</u>	Revised Tests Programme
<u>135</u>	<u>8-4</u>	-	<u>3.2.11</u>	<u>NGET</u>	<u>TO</u>	Following the resolution of all issues and, noramlly, at least 15 Business Days prior to the date of the Tests	Structured email / paper	<u>102</u>	Agreed Tests Programme
<u>136</u>	<u>9-1</u>	-	<u>3.4.2</u>	NGET	<u>TO</u>	Following agreement of the Safety Precautions and agreed Isolation has been established	Unstructured email / paper	<u>192</u>	Isolation Confirmation
<u>137</u>	<u>9-1</u>	-	<u>3.5.4</u>	<u>NGET</u>	<u>TO</u>	Following the establishment of the agreed Earthing and identification of the Requesting Safety Co-ordinator's HV Apparatus up to the boundary between the Transmission Systems for which Earthing has been provided	Unstructured email / paper	<u>193</u>	Earthing Confirmation
<u>138</u>	<u>9-1</u>	-	<u>6.1.1</u>	<u>NGET</u>	<u>TO</u>	Annually and on change	Unstructured email / paper	<u>194</u>	Safety Coordinator details
<u>139</u>	<u>9-1</u>	-	<u>7.1.2</u>	NGET	<u>TO</u>	Following an initial one-off provision the information will be updated on change	Unstructured email / paper	<u>126</u>	Operation Diagram depicting the diagrammatic detials at the boundary point of the circuit of the circuit, colour banding and tower numbring of each circuit which crosses the boundary between Parties.

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140	<u>9-2</u>	<u>4-4</u>	<u>3.4.2</u> (STCP 09-2 3.8.1)	<u>TO</u>	<u>NGET</u>	Following a safety related change	Unstructured email / paper	<u>1. 103</u> <u>2. 189</u>	<ol> <li>Operational Safety Bulletin for all relevant safety bulletins affecting a transmission site.</li> <li>Site Safetey Notifications for all other relevant technical limitations, operational restrictions, special network arrangements etc. affecting a transmission site.</li> </ol>
141	<u>9-2</u>	-	<u>3.5.1</u>	<u>NGET</u>	<u>TO</u>	Following receipt of a User's permission to operate their switchgear in excess of its capability or if any safety bulletins applied or technical restrictions to be in operation	Unstructured email	78	A notification form that includes a statement that NGET have pernission to operate their switchgear in excess of its capability either permanently or temporarily and ahy restrictions or safety bulletins applied.
<u>142</u>	<u>9-2</u>	-	<u>3.6.2</u>	NGET	<u>T0</u>	When requiring the increase in the maximum number of circuit breaker operations	Structured email	77	Request to increase the maximum number of permissable operations
<u>143</u>	<u>9-2</u>	-	<u>3.6.2</u>	<u>TO</u>	<u>NGET</u>	Following request to increase the maximum number of circuit breaker operations	<u>Structured</u> email	77	Response to request to increase the maximum number of circuit breaker operations
<u>144</u>	<u>10-1</u>	-	<u>3.1.2</u>	<u>TO</u>	<u>NGET</u>	Following required changes to nomenclature standards	Unstructured email / paper	<u>88</u>	Details of proposed nomenclature changes within its licensed area
<u>145</u>	<u>10-1</u>	-	<u>3.1.3</u>	<u>NGET</u>	<u>T0</u>	Any change to numbering or nomenclature of Plant and Apparatus on the Transmission System	<u>Unstructured</u> <u>Email /</u> paper	<u>88</u>	Details of changes to asset numbering and/or nomenclature

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## STCP 12-1 Data Exchange Mechanism

Issue <u>34</u> – <u>07\*\*/12\*\*/2009</u>31/01/2006

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<u>146</u>	<u>10-1</u>	-	<u>3.1.3</u>	<u>T0</u>	<u>NGET</u>	Following notification from NGET of User changes to asset nomenclature	Unstructured email	<u>78</u>	Acknowledgement of the change to nomenclature quoting the reference and stating either acceptance of the change or rejection and alternative suggestion in the notification statement
<u>147</u>	<u>10-1</u>	-	<u>3.1.4</u>	<u>NGET</u>	<u>TO</u>	Change or additions to Plant and Apparatus numbering and nomenclature at NGET-TO or TO-TO interface	<u>Unstructured</u> <u>Email /</u> <u>paper</u>	<u>88</u>	NGET notifiving appropriate TO of changes to asset nomenclature. There is no requirement for a response to this notice.
<u>148</u>	<u>10-1</u>	-	<u>3.1.9</u>	NGET	<u>TO</u>	Following the adoption of new Apparatus within the Transmission System that is outside the scope of existing TO and NGET nomenclature standards	Unstructured Email / paper	<u>116</u>	Asset numbering and nomenclature standards adopted by each of the STC Parties
<u>149</u>	<u>11-1</u>	<u>11-2</u> <u>8-2</u> <u>8-3</u> <u>8-4</u>	3.1.2 (STCP11-2: 4.1.7 & 4.1.8) (STCP08-2: 3.2.1) (STCP08-3: 3.2.3.1, 3.2.4.1 & 3.2.5.1) (STCP08-4 3.2.1 & 3.2.3)	<u>TO</u>	NGET	At any time during years 2 to 6	Structured email / paper	74	Outage Proposal

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<u>150</u>	<u>11-1</u>	<u>11-2</u> <u>11-3</u> <u>8-4</u>	3.2.2.1, 3.2.2.2           (STCP11-2: 4.1.7           & 4.1.8)           (STCP11-3: 3.2.3)           (STCP08-4: 3.2.1)	<u>TO</u>	<u>NGET</u>	At Week 6 to Week 28 Year Ahead as changes become known	Unstructured email / paper	<u>188</u>	An outage change request
<u>151</u>	<u>11-1</u>	-	<u>3.2.2.1</u>	<u>TO</u>	<u>NGET</u>	At Week 6 Year Ahead.	Structured email / paper	<u>74</u>	Outage Definitions and Outage Proposals for all known construction and maintenance work in the Provisional Outline Plan
<u>152</u>	<u>11-1</u>	-	<u>3.2.2.2</u>	<u>NGET</u>	<u>TO</u>	Week 7 to Week 28 Year Ahead	<u>Structured</u> email / paper	<u>87</u>	User Outages and any transmission Outages that are likely to materially affect that TO's transmission system
<u>153</u>	<u>11-1</u>	-	3.2.2.2	<u>TO</u>	<u>NGET</u>	Week 7 to Week 28 Year Ahead as additions to outages become known	Structured email / paper	<u>74</u>	Core Outages for the development of the Provisional Outage Plan
<u>154</u>	<u>11-1</u>	-	3.2.2.2	<u>NGET</u>	<u>TO</u>	At Week 28 Year Ahead and if required by the TO	Structured paper	<u>86</u>	Extract of the Provisional Outage Plan containing information pertinent to the TO
<u>155</u>	<u>11-1</u>	-	<u>3.2.2.4</u>	<u>NGET</u>	<u>TO</u>	At Week 34 Year Ahead	Structured email / paper	<u>86</u>	Draft of the Final Outage Plan
<u>156</u>	<u>11-1</u>	-	<u>3.2.3.2</u>	<u>TO</u>	<u>NGET</u>	Week 35 - 39 Year Ahead	Unstructured email / paper	<u>46</u>	Comments on the draft Final Outage Plan
<u>157</u>	<u>11-1</u>	<u>8-2</u> <u>8-3</u>	3.2.3.2 (STCP08-2: 3.2.1) (STPC08-3 3.2.3.1 & 3.2.4.1)	<u>TO</u>	<u>NGET</u>	By end of week 39 Year Ahead	<u>Structured</u> email / paper	<u>74</u>	Outage requests

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<u>158</u>	<u>11-1</u>	-	<u>3.2.4.1</u>	<u>NGET</u>	<u>TO</u>	At Week 49 Year Ahead	Structured email / paper	<u>86</u>	Final Outage Plan
<u>159</u>	<u>11-1</u>	-	<u>3.2.5.2</u>	<u>NGET</u>	<u>T0</u>	Following the addition of an Opportunity Outage to the Outage Plan	Structured email / paper	<u>86</u>	Update to the Outage Plan
<u>160</u>	<u>11-1</u>	-	<u>4.2.3</u>	<u>NGET</u>	<u>T0</u>	In Current Year (Year 0) if required by the TO	Structured email / paper	<u>86</u>	Outage Plan
<u>161</u>	<u>11-1</u>	-	<u>4.3.1</u>	<u>NGET</u>	<u>T0</u>	4 weeks ahead and if required by the TO	Structured paper	<u>86</u>	Rolling Outage Plan information
<u>162</u>	<u>11-1</u>	-	<u>4.4.5</u>	<u>NGET</u>	<u>T0</u>	Within the delivery phase (0-3 weeks ahead)	Unstructured email / paper	<u>187</u>	Non-standard running arrangements
<u>163</u>	<u>11-1</u>	-	<u>4.4.7.1</u>	<u>NGET</u>	<u>TO</u>	By 16:00 2 weeks ahead	Unstructured email / paper	<u>186</u>	Provisional 2 weeks ahead operational notes
<u>164</u>	<u>11-1</u>	-	<u>4.4.7.1</u>	<u>TO</u>	<u>NGET</u>	By 16:00 on the Tuesday of the week following receipt of the Provisional 2 weeks ahead operational notes	Unstructured email / paper	<u>46</u>	Comments on the provisional 2 weeks ahead operational notes
<u>165</u>	<u>11-1</u>	-	<u>4.4.8.1</u>	<u>NGET</u>	<u>TO</u>	By 16:00 each Thursday	Structured email / paper	<u>86</u>	Outage Plan covering 4 weeks ahead period
<u>166</u>	<u>11-1</u>	-	<u>4.4.9.1</u>	<u>NGET</u>	<u>TO</u>	Friday weeks ahead	Unstructured email / paper	<u>186</u>	Final operational notes
<u>167</u>	<u>11-1</u>	-	<u>4.4.10.1</u>	<u>NGET</u>	<u>T0</u>	By 16:00 each working weekday	Structured email / paper	<u>86</u>	Day ahead Outage Plan
<u>168</u>	<u>11-1</u>	<u>11-2</u> <u>11-3</u>	5.3.1 (STCP11-2: 4.1.7 & 4.1.8) (STCP11-3: 3.2.3)	<u>TO</u>	<u>NGET</u>	As a change to the Outage Plan is identified	Unstructured email / paper	<u>188</u>	An outage change request

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<u>169</u>	<u>11-1</u>	-	<u>5.3.1</u>	<u>NGET</u>	<u>T0</u>	As a change to the Outage Plan is identified	<u>Unstructured</u> email / paper	<u>188</u>	An outage change notification sent to TOs which are materially affected by a change
<u>170</u>	<u>11-2</u>	-	<u>4.1.6</u>	<u>NGET</u>	<u>T0</u>	After an Outage cannot be placed on the dates requested by a TO and the proposal of alternative dates	Unstructured email / paper	<u>188</u>	An outage change proposal
<u>171</u>	<u>11-2</u>	-	<u>4.3.3</u>	<u>TO</u>	<u>NGET</u>	On suplpying an Outage request in accordance with 11-1	Unstructured email / paper	77	A request for an acknowledgement that an Outage Request has been agreed
172	<u>11-2</u>	-	<u>4.3.3</u>	<u>NGET</u>	<u>TO</u>	On receipt of an Outage Requets and a request for an acknowledgement once the Outage Requets has been included in the Outage Plan	Structured email	77	Response to a request for acknowledgement that an Outage Request has been agreed
<u>173</u>	<u>11-3</u>	-	<u>3.2.2</u>	<u>NGET</u>	<u>TO</u>	If NGET believes an Outage Change may be required	Structured email	<u>218</u>	Request for an Outage Change Cost Estimate
<u>174</u>	<u>11-3</u>	-	<u>3.2.5 3.2.7</u>	<u>TO</u>	NGET	Reasonable endeavours to be within 7 Business Days of receipt of a request for an Outage Change Cost Estimate if within the 4-49 week ahead period. As soon as practicable if less than 4 weeks ahead.	<u>Structured</u> email	<u>209</u>	Outage Change Cost Estimate
<u>175</u>	<u>11-3</u>	-	<u>3.2.9</u>	NGET	<u>TO</u>	Normally within 2 Business Days of receipt of an Outage Change Cost Estimate	Structured email	77	Request for information on the Outage Change Cost Estimate
<u>176</u>	<u>11-3</u>	-	<u>3.2.10</u>	<u>TO</u>	<u>NGET</u>	As soon as possible following receipt of a query regarding an	Structured email	77	Response to a request for information on the Outage

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						Outage Change Cost Estimate			Change Cost Estimate
<u>177</u>	<u>11-3</u>	-	<u>3.2.14</u>	<u>NGET</u>	<u>TO</u>	Following assessment of the Outage change request	Structured email	<u>209</u>	Approval or Rejection of Outage Change Cost Estimate
<u>178</u>	<u>11-3</u>	-	<u>5.1.2</u>	<u>TO</u>	<u>NGET</u>	Each month in which there are significant changes of potential significant changes to any Outage Change Cost Estimate	Unstructured email	<u>78</u>	Notification form stating any significant change or potential significant change to cost estimates
<u>179</u>	<u>12-1</u>	-	<u>3.3.2</u>	<u>NGET</u>	<u>TO</u>	Request for an audit of defined information	Structured email	77	STCP IR (request)
<u>180</u>	<u>12-1</u>	-	<u>3.3.3</u>	NGET	<u>TO</u>	Response to a request for an audit of the information and the requested information	Structured email	77	STCP IR (response)
<u>181</u>	<u>12-1</u>	-	<u>3.3.3</u>	NGET	<u>TO</u>	On comletion of a consistency check	Unstructured email	<u>114</u>	Audit consistency statement
<u>182</u>	<u>12-1</u>	-	<u>3.2.2.2</u>	<u>NGET</u>	<u>TO</u>	Acknowledge / rejection of any data transfer	Structured Email	<u>69</u>	Acknowledgement of receipt of transfer
<u>183</u>	<u>12-1</u>	-	<u>3.5.3</u>	NGET	<u>TO</u>	Requirement for Supplementary Information	Structured Email	<u>79</u>	Supplementary Information Request
<u>184</u>	<u>12-1</u>	-	<u>3.5.8</u>	<u>NGET</u>	<u>TO</u>	On receipt of SIR	Structured Email	<u>79</u>	Response to the Supplementary Information Request
<u>185</u>	<u>12-1</u>	-	<u>3.7.1</u>	NGET	<u>TO</u>	Changes to Data Co-ordinators	Unstructured email	<u>107</u>	Details of new data co-ordinator and /or the deletion of the existing co-ordinator
<u>186</u>	<u>13-1</u>	-	<u>3.1.1</u>	NGET	<u>TO</u>	By 1st November each year	Structured email	77	Request for forecast of TO General System Charge for the following Financial Year

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<u>187</u>	<u>13-1</u>	-	<u>3.1.1</u>	<u>TO</u>	<u>NGET</u>	By 30th November each year	Structured email	77	Forecast TO General System Charge for the following Financial Year
<u>188</u>	<u>13-1</u>	-	<u>3.1.3</u>	<u>TO</u>	<u>NGET</u>	Following calculation of the monthly TO General System Charge	Structured paper	<u>82</u>	Invoice
<u>189</u>	<u>13-1</u>	-	<u>3.1.2</u>	NGET	<u>TO</u>	By the 15th day following the day that the TO despatches the invoice or the 16th day of the month to which the TO General System Charge payments relate or, if such payment date is not a Business Day the next Business Day, whichever is the latter	BACS transfer	BACS transfer	Payment of invoice
<u>190</u>	<u>13-1</u>	-	<u>3.2.2</u>	<u>TO</u>	<u>NGET</u>	By 30th November each year	Structured email	1	A schedule of TO Site-Specific Charges per site per customer for each month of the following financial year
<u>191</u>	<u>13-1</u>	-	<u>3.2.3</u>	<u>NGET</u>	<u>TO</u>	More than 3 months prior to a change to the schedule of the monthly TO Site-Specific Charges	<u>Unstructured</u> email	<u>78</u>	Notification form detailing the change to the schedule
<u>192</u>	<u>13-1</u>	-	<u>3.2.5</u>	<u>TO</u>	<u>NGET</u>	Following calculation of the monthly TO Site-Specific Charge	Structured paper	<u>82</u>	Invoice
<u>193</u>	<u>13-1</u>	-	<u>3.2.4</u>	<u>NGET</u>	<u>TO</u>	By the 15th day following the day that the TO despatches the invoice or the 16th day of the month to which the TO Site- Specific Charge payments relate or, if such payment date is not a	BACS transfer	BACS transfer	Payment of invoice

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## STCP 12-1 Data Exchange Mechanism

Issue <u>34</u> – <u>07xx/12xx/2009</u>31/01/2006

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						Business Day the next Business Day, whichever is the latter			
<u>194</u>	<u>13-1</u>	<u>11-3</u>	<u>3.3.2</u> <u>4.1.2</u>	<u>NGET</u>	<u>TO</u>	Following the requirement to invoice a Party for Other Charges and a minimum of 30 days prior to the date required for payment	Structured paper	<u>82</u>	Invoice
<u>195</u>	<u>13-1</u>	<u>19-2</u>	<u><b>3.3.3</b></u> 7.3.8	<u>NGET</u>	<u>TO</u>	Within 30 days of receipt of an invoice for Other Charges	BACS transfer	BACS transfer	Payment of invoice
<u>196</u>	<u>13-1</u>	-	<u>3.3.4</u>	<u>TO</u>	<u>NGET</u>	Within 30 days of receipt of an invoice for Other Charges	BACS transfer	BACS transfer	Payment of invoice
<u>197</u>	<u>14-1</u>	-	<u>3.2.1</u>	NGET	<u>TO</u>	<u>1 October / Annual</u>	<u>Structured</u> email	77	Request for forecast of the cost of maintaining the TO's connection assets and the percentage of connection assets in relation to total transmission system assets.         Note: the request shall include a schedule of all connetion assets owned by that TO as currently included in the relevant Appendix A of each Bilateral Connection Agreement listed by site

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## STCP 12-1 Data Exchange Mechanism

Issue 3<u>4</u> – 07<del>xx/12xx/200931/01/2006</del>

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<u>198</u>	<u>14-1</u>	-	<u>3.2.2</u>	<u>TO</u>	NGET	<u>31 October / Annual</u>	<u>Structured</u> email	77	Response to a request for forecast of the cost of maintaining the TO's connection assets and the percentage of connection assets in relation to total transmission system assets
<u>199</u>	<u>14-1</u>	-	<u>4.1.2</u>	<u>NGET</u>	<u>TO</u>	Following the use of substitute data where no data has been provided or the data is subject to dispute	Unstructured email	<u>78</u>	Notification that substitute data has been used
<u>200</u>	<u>14-2</u>	_	<u>3.1.1</u>	<u>NGET</u>	<u>TO</u>	Following identification that data may be needed to allow NGET to determine whether a formal consultation is required in advance of publication of the charging consultation document.	Unstructured email	<u>78</u>	Notification that data may be required to enable the charging consultation.
<u>201</u>	<u>14-2</u>	-	<u>3.1.2</u>	<u>NGET</u>	<u>TO</u>	Following Identification of a need for data where a formal charging consultation is required or in advance of publication of the charging consultation document	Structured email	<u>14</u>	Request for data requirements for charging consultation.
<u>202</u>	<u>14-2</u>	_	<u>3.1.5</u>	<u>TO</u>	NGET	Within 10 Business Days of a formal request for data to assist in the planned charging consultation.	As agreed within the process	None - information provided as agreed within the process	Provision of data requirements for charging consultation. The information may be in any form including a verbal response.
<u>203</u>	<u>14-3</u>	-	<u>3.1.1</u>	<u>NGET</u>	<u>T0</u>	Following need to request assistance from TO to respond to	Structured email	<u>15</u>	Request for assistance following a customer charging query.

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						a customer query			
204	<u>14-3</u>	-	<u>3.1.2</u>	<u>TO</u>	<u>NGET</u>	Following receipt of a request for assistance.	Structured email	<u>15</u>	Response to a request for assistance from NGET resulting from an original query from a customer.
205	<u>14-3</u>	-	<u>3.1.3</u>	<u>TO</u>	<u>NGET</u>	Within 5 Business Days of the request to respond to an NGET charging query originating from a customer	As agreed within the process	None - information provided as agreed within the process	Provision of data requirements for charging consultation. The information may be in any form including a verbal response.
<u>206</u>	<u>16-1</u>	-	<u>4.2.7</u>	<u>TO</u>	<u>NGET</u>	Following identification of a number of options for system reinforcement or modification where additional data is required	Structured email	<u>77</u>	Request for additional data, including MWh & MVArh costs, estimate of constraint volumes, constrint locations
207	<u>16-1</u>	-	<u>4.2.8</u>	NGET	<u>T0</u>	Following request for more information to assist a TO with their economic analysis of the security standards	Structured email	77	Response to a request for additional data from the TO to facilitate economic comparison of TO options. The information provided will not be detailed about any particular generator
208	<u>16-1</u>	-	<u>4.2.9</u>	<u>TO</u>	<u>NGET</u>	Following completion of Project Listing and PLD for each project within the BOI of the Party	<u>Structured</u> email / paper	<u>1. 210</u> <u>2. 63</u>	<u>1. Project Listing</u> <u>2. Project Listings Document</u>
<u>209</u>	<u>16-1</u>	-	<u>4.2.11</u>	<u>NGET</u>	<u>T0</u>	Following receipt of projects that fall within the BOI	Unstructured email / paper	<u>46</u>	Comments on projects within Project Listings sent to the Party

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<u>210</u>	<u>16-1</u>	-	<u>4.2.14</u>	<u>NGET</u>	<u>TO</u>	Following completion of first draft of Operational Assessment on Project Listings	Structured email / paper	<u>64</u>	Draft Operational Assessment Report
<u>211</u>	<u>16-1</u>	-	4.2.15	<u>TO</u>	<u>NGET</u>	Following consideration of the Operational Assessment Report and its reviews	Structured email / paper	<u>1.210</u> <u>2.63</u> <u>3.130</u>	1. Project Listing 2. Revised Project Listings Document 3. Revised Datasets
212	<u>16-1</u>	-	<u>4.2.16</u>	<u>NGET</u>	<u>T0</u>	Following completion of further Operational Assessment to reflect any agreed changes to the PLD(s)	Structured email / paper	<u>64</u>	Operational Assessment report
<u>213</u>	<u>16-1</u>	-	<u>4.2.18</u>	<u>TO</u>	<u>NGET</u>	Following resolution of any disagreement on the consideration of the draft Operational Assessment report, the outcome requiring the TO to update its Project Listing Document	1. Structured email 2. Unstructured email	<u>1.63</u> <u>2.210</u>	<u>1. Project Listing Document</u> <u>2. Project Listings</u>
<u>214</u>	<u>16-1</u>	-	<u>4.2.18</u>	<u>NGET</u>	<u>T0</u>	Following resolution of any disagreement on the consideration of the draft Operational Assessment report, the outcome requiring NGET to acknowledge the TO's final Project Listings	Unstructured email	<u>78</u>	Notification form acknowledging the TO's final Project Listings
<u>215</u>	<u>16-1</u>	-	<u>4.2.19</u>	<u>NGET</u>	<u>TO</u>	Following the updating of any Project Listing and PLD	1. Structured email 2. Unstructured email	<u>1. 63</u> <u>2. 210</u>	1. Project Listing Document 2. Project Listings

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<u>Transfer</u> <u>Ref</u>	Lead STCP Ref	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> <u>Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> <u>Reference</u>	Information
<u>216</u>	<u>16-1</u>	-	<u>4.2.21</u>	<u>TO</u>	<u>NGET</u>	Following resolution by the Authority that changes are required to the TO's Project Listing	<u>Unstructured</u> email	<u>210</u>	Project Listings
<u>217</u>	<u>16-1</u>	-	<u>4.2.22</u>	<u>NGET</u>	<u>TO</u>	As part of joint development system development liaison group meetings	Structured email	<u>63</u>	Longer term Project Listings in the form of the final Project Listings Document
<u>218</u>	<u>16-1</u>	-	<u>4.3.1</u>	<u>TO</u>	<u>NGET</u>	Following material changes to Investment Plan in between guarterly updates	Unstructured email	<u>78</u>	Nootification of any material changes to Investment Plan (including schemes changing status from planned to firm and new schemes being added to the plan)
<u>219</u>	<u>16-1</u>	-	<u>4.3.1.</u>	<u>TO</u>	<u>NGET</u>	Following request for further details about proposed changes	<u>Structured</u> email / paper	<u>1. 63</u> <u>2. 130</u>	<ol> <li>Project Listing Document</li> <li>Revised datasets</li> </ol>
<u>220</u>	<u>16-1</u>	-	<u>4.5.1.2</u>	<u>TO</u>	NGET	Where there is a requirement to carry out further economic analysis	Structured email	77	Request for data to assist with further economic analysis
<u>221</u>	<u>16-1</u>	-	<u>4.5.1.2</u>	NGET	<u>TO</u>	On receipt of request for data to carry out further economic analysis	Structured email	77	Response to a request for data to assist with further economic analysis
222	<u>16-1</u>	-	<u>4.5.1.4</u>	NGET	<u>TO</u>	Following receipt of the preferred solution on a detailed option development	Unstructured email	<u>46</u>	Comments on the project
223	<u>17-1</u>	-	<u>3.3.1, 3.4.1</u>	<u>NGET</u>	<u>TO</u>	Following initial project discussions to determine requirements of the feasibility study	Structured email	<u>77</u>	Request for information that may include a request for a Lead Party Feasibility Study Offer.

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Transfer Ref	Lead STCP <u>Ref</u>	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> <u>Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> Reference	Information
224	<u>17-1</u>	-	<u>3.4.1</u>	<u>TO</u>	<u>NGET</u>	Following receipt of request for information to assist with the Customer Feasibility Study Offer	1. Structured email 2. Unstructured email/paper	<u>1.77</u> <u>2.154</u>	1. Response to request for information which will include the information requested in addition to the proforma. This could be of any type.2. Lead Party Feasibility Study Offer
<u>225</u>	<u>17-1</u>	-	<u>3.4.3</u>	<u>NGET</u>	<u>TO</u>	Following clarification and the need to revise or withdraw its request for LPFSO.	Unstructured email/paper	<u>78</u>	Notification of revision to or withdrawal of Lead Party Feasibility Study Offer
226	<u>17-1</u>	-	<u>3.4.3</u>	<u>TO</u>	<u>NGET</u>	Following request to analyse original offer as a result of a clarification of that offer and the decision is made to revise	Structured email / paper	<u>154</u>	Revised Lead Party Feasibility Study Offer
227	<u>17-1</u>	-	<u>3.4.3</u>	<u>T0</u>	NGET	Following request to analyse original offer as a result of a clarification of that offer and the decision is made to withdraw offer	<u>Unstructured</u> email / paper	<u>78</u>	Notification provided to withdraw the LPFSO
228	<u>17-1</u>	-	<u>3.5.1</u>	<u>TO</u>	<u>NGET</u>	Within 10 Business Days or other agreed time period of the signing of the Lead Party Feasibility Study Offer	Unstructure email / paper	78	Notification of agreement of the following: (a) data required to carry out the feasibility study (b) output derived from the Parties and the target dates for the key activities/milestones to meet the feasibility study report issue date

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<u>229</u>	<u>17-1</u>	-	<u>3.6.1</u>	<u>NGET</u>	<u>TO</u>	Following receipt of requested data from the customer	Structured email	<u>77</u>	Response to request for data required from the customer to enable the other parties to carry out their study
<u>230</u>	<u>17-1</u>	-	<u>3.6.1</u>	<u>TO</u>	<u>NGET</u>	Following receipt of requested data from Lead Party and the data is complete	Unstructured email	<u>78</u>	Notification of completeness of the data
<u>231</u>	<u>17-1</u>	-	<u>3.6.1</u>	<u>TO</u>	<u>NGET</u>	Following receipt of requested data from Lead Party and the data is incomlete	Unstructured email	<u>78</u>	Notification of data that is still required
<u>232</u>	<u>17-1</u>	-	<u>3.8.1</u>	<u>TO</u>	<u>NGET</u>	On completion of the study within the Feasibility Programme timescales	Unstructured email / paper	<u>155</u>	Study report
<u>233</u>	<u>17-1</u>	-	<u>3.9.2</u>	<u>NGET</u>	<u>TO</u>	Should further detail/clarification be required of other parties	Structured email	77	Request for information to help compile the study report
<u>234</u>	<u>17-1</u>	-	<u>3.9.2</u>	<u>TO</u>	NGET	Following receipt of request for information to help compile the study report	Structured email	77	Response to request for information to help compile the study report
<u>235</u>	<u>17-1</u>	-	<u>3.9.3</u>	NGET	<u>TO</u>	Should further report be required	Structured email	77	Request for updated study report
<u>236</u>	<u>17-1</u>	-	<u>3.9.3</u>	<u>TO</u>	NGET	Following receipt of a request for an updated Lead Party Study Report	Unstructured email / paper	<u>155</u>	Updated study report
<u>237</u>	<u>17-1</u>	-	<u>3.9.4</u>	NGET	<u>TO</u>	On completion of the updated study report	Unstructured email / paper	<u>155</u>	Updated relevant sections of the study report
<u>238</u>	<u>17-1</u>	-	<u>3.9.4</u>	NGET	<u>TO</u>	Following receipt of the relevant sections of the study report and within the agreed timescale	Unstructured email / paper	<u>46</u>	Comments on the relevant scetions of the study report
<u>239</u>	<u>17-1</u>	-	<u>3.9.5</u>	NGET	<u>TO</u>	Following compilation of the Customer Study Report	Unstructured email / paper	<u>156</u>	Customer Study Report

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<u>240</u>	<u>17-1</u>	-	<u>3.9.6</u>	<u>TO</u>	<u>NGET</u>	Following receipt of Customer Study Report	Unstructured email / paper	<u>157</u>	Signed agreement to report
<u>241</u>	<u>17-1</u>	-	<u>3.10.1</u>	<u>NGET</u>	<u>TO</u>	Following issue of report to the customer	Unstructured email / paper	<u>156</u>	A copy or extract of the Customer Study Report
<u>242</u>	<u>17-1</u>	-	<u>3.11.2</u>	<u>NGET</u>	<u>TO</u>	Following query by the customer of the details of the invoice	Structured email	<u>77</u>	Request for information on the costs of the report
<u>243</u>	<u>17-1</u>	-	<u>3.11.2</u>	<u>TO</u>	<u>NGET</u>	Following receipt of query by the customer of the details of the invoice	Structured email	77	Response to request for information on the costs of the report
<u>244</u>	<u>18-1</u>	<u>19-6</u> <u>18-2</u> <u>16-1</u>	3.2.2.4 (STC19-6, 3.4.1) (STC18-2, 3.3.2) (STC16-1, 4.5.5.1)	NGET	<u>TO</u>	Within 3 Business Days of receipt of Application	<u>Structured</u> email / paper	1. 6 (new connection) 2. 120 (modificatio n) 3. 80	1 and 2. NGET Construction Application. This will either be an NGET Connection Application or an NGET Modification Application depending on the application type 3. Scheme Briefing Note (SBN) identifying the Affected Parties, NGET Lead Person, scheme number, cleared application fee flag
<u>245</u>	<u>18-1</u>	-	<u>3.2.3.1</u>	<u>TO</u>	<u>NGET</u>	Within 2 Business Days of receipt of the NGET Construction application form and SBN	<u>Unstructured</u> email	<u>7</u>	TO contact details
<u>246</u>	<u>18-1</u>	-	<u>3.2.3.1</u>	<u>NGET</u>	<u>TO</u>	Following receipt of details of the TO Lead Person contact details	Structured email	<u>80</u>	Updated SBN
<u>247</u>	<u>18-1</u>	<u>19-6</u>	<u><b>3.2.5.1</b></u> (STCP19-6, 3.4.1)	NGET	<u>TO</u>	On clearance of the application fee	<u>Structured</u> email	<u>80</u>	Updated SBN - Fee Cleared Actual Date

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<u>Transfer</u> <u>Ref</u>	Lead STCP Ref	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> <u>Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> <u>Reference</u>	Information
<u>248</u>	<u>18-1</u>	-	<u>3.2.6.1</u>	<u>TO</u>	<u>NGET</u>	Within 5 business days of receipt of application	Unstructured email	<u>119</u>	Technical competency of an application.
<u>249</u>	<u>18-1</u>	-	<u>3.2.7.2</u>	<u>NGET</u>	<u>TO</u>	Following acknowledgement that the application is non-effective	Structured email	<u>80</u>	Updated SBN - Applicant Informed Non-effective
<u>250</u>	<u>18-1</u>	-	<u>3.2.9.1</u>	<u>NGET</u>	<u>TO</u>	Following receipt of missing/additional data from the Applicant	Structured email	<u>1. 78</u> <u>2. 80</u>	1. Notification form complete         with the missing/additional data         from the User         2. Updated SBN - date         missing/additional data received
<u>251</u>	<u>18-1</u>	-	<u>3.2.9.2</u>	<u>TO</u>	<u>NGET</u>	Wiithin 3 Business Days following receipt of the additional technical information.	Unstructured email / paper	<u>119</u>	Technical competency of an application.
<u>252</u>	<u>18-1</u>	-	<u>3.2.10.1</u>	<u>NGET</u>	<u>TO</u>	Following assessment that application is competent	Structured email	<u>80</u>	Updated SBN - User Application Date, NGET Application Date, draft Application Programme dates
<u>253</u>	<u>18-1</u>	-	<u>3.2.11.1</u>	<u>NGET</u>	<u>TO</u>	Within 5 Business Days of the User Application Date if NGET generates Construction Planning Assumptions	Unstructured email	<u>129</u>	Construction Planning Assumptions
<u>254</u>	<u>18-1</u>	-	<u>3.2.11.2</u>	<u>NGET</u>	<u>T0</u>	Within 2 Business Days of User Application Date if NGET do not intend to generate a set of Construction Planning Assumptions	<u>Unstructured</u> email	<u>123</u>	Notification that NGET will not be requesting construction planning assumptions for this Application
<u>255</u>	<u>18-1</u>	-	<u>3.2.11.3</u>	<u>NGET</u>	<u>TO</u>	In the event of a delay between the receipt of the User Application and the User Application being effective and where it is necessary	Unstructured email	<u>129</u>	Revised and updated Construction Planning Assumptions which take account of the generation and demand backgrounds in STCP22-1

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<u>Transfer</u> <u>Ref</u>	<u>Lead</u> STCP <u>Ref</u>	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> Reference	Information
<u>256</u>	<u>18-1</u>	-	<u>3.2.12.1</u>	TO	NGET	Within the later of 25 calendar days less 1 Business Day after the NGET Application Date or 23 calendar days less 1 Business Day of the Construction Assumptions Date	Unstructured email	78	Notification form. The notification statement will either state TO will or will not be submitting a TO Construction Offer.If not submitting a TO Construction Offer it shall also notify NGET of any technical design or operational criteria which it intends to assume will apply to User Equipment at the Relevant Connection Site.
<u>257</u>	<u>18-1</u>	-	<u>3.2.13.2</u>	<u>TO</u>	<u>NGET</u>	<u>1 Business Day prior to the</u> meeting to agree the Application Programme	<u>Structured</u> email / paper	<u>131</u>	Confirmation or recommended amendment to draft Application Programme
<u>258</u>	<u>18-1</u>	-	<u>3.2.16.2</u>	<u>TO</u>	<u>NGET</u>	Following the impact of the NGET Construction Application and the need to update the Schedule of NETS Location Codes	Structured email	77	Request to update the Schedule of NETS Location Codes
<u>259</u>	<u>18-1</u>	-	<u>3.2.16.2</u>	NGET	<u>TO</u>	Following request to update the Schedule of NETS Location Codes	Structured email	<u>80</u>	Updated SBN - Agree NETS Location Codes
<u>260</u>	<u>18-1</u>	-	<u>3.2.17.1</u>	<u>TO</u>	<u>NGET</u>	Following TO(s) consideration of preferred connection option	Structured email / paper	<u>81</u>	Updated CION - Section 1
<u>261</u>	<u>18-1</u>	-	<u>3.2.18.4</u>	<u>NGET</u>	<u>TO</u>	Following the carrying out of the Economic Impact assessment as defined within the Application Programme	Structured email / paper	<u>81</u>	Updated CION - Section 2

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<u>Transfer</u> <u>Ref</u>	Lead STCP <u>Ref</u>	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> <u>Party</u>	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> <u>Reference</u>	Information
<u>262</u>	<u>18-1</u>	-	<u>3.2.20.3</u>	<u>TO</u>	<u>NGET</u>	Following confirmation of the proposed connection and infrastructure option as defined within the Application Programme	<u>Structured</u> email / paper	<u>81</u>	Updated CION - Section 3
<u>263</u>	<u>18-1</u>	-	<u>3.2.21.1</u>	<u>TO</u>	<u>NGET</u>	Following completion of detailed design of connection infrastructure information	Structured email / paper	<u>81</u>	Updated CION - Section 3 . Detailed connection and infrastructure design
<u>264</u>	<u>18-1</u>	-	<u>3.2.22.1</u>	<u>NGET</u>	<u>TO</u>	Following agreement of the connection and infrastructure option	Structured email	<u>10</u>	Breakdown of works into connection asset, infrastructure and one off works
<u>265</u>	<u>18-1</u>	-	<u>3.2.23.1,</u> <u>3.2.23.2</u>	<u>TO</u>	<u>NGET</u>	Following receipt of a description of the charging and Offer information required	<u>Structured</u> email	<u>1. 10</u> <u>2. 205</u>	1. Charging Information <u>Requirements</u> 2. Other Charging Information Requirements
<u>266</u>	<u>18-1</u>	-	<u>3.2.25.1</u>	<u>TO</u>	NGET	Following readiness to Offer Terms as defined in the Application Programme	Structured email	<u>12</u>	TO Construction Offer
<u>267</u>	<u>18-1</u>	-	<u>3.2.25.2</u>	<u>NGET</u>	<u>TO</u>	Where notified that extensive system studies are required to more fully evaluate the impact of the Application and a revised offer is required by NGET	Unstructured email	<u>124</u>	Request for the requirement of a revised TO Construction Offer once further detailed system studies have been undertaken
<u>268</u>	<u>18-1</u>	-	<u>3.2.26.2</u>	<u>NGET</u>	<u>TO</u>	Following request from the Applicant for extension to timescales	Structured email	<u>77</u>	Information to include Scheme Number, Reasons for the extension request, the extension required
<u>269</u>	<u>18-1</u>	-	<u>3.2.26.2</u>	<u>TO</u>	NGET	Following receipt of request to extend timescales and agreement to the request	Unstructured email / paper	<u>78</u>	Confirmation of increase in extension
<u>270</u>	<u>18-1</u>	-	<u>3.2.26.2</u>	<u>NGET</u>	<u>T0</u>	Following receipt of confirmation to extend timescales	Structured email	<u>80</u>	Updated SBN

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Transfer <u>Ref</u>	Lead STCP Ref	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> <u>Reference</u>	Information
<u>271</u>	<u>18-1</u>	<u>18-6</u>	<u><b>3.2.27.1</b></u> (STCP18-6, 3.1.1)	<u>NGET</u>	<u>TO</u>	Within 2 Business Days following the return of signed Agreements from the Applicant	Structured email	<u>80</u>	Updated SBN
<u>272</u>	<u>18-1</u>	-	<u>3.2.27.1</u>	<u>NGET</u>	<u>TO</u>	Following the return of signed Agreements from the Applicant	Structured email / paper	<u>12</u>	TO Construction Offer countersigned
273	<u>18-1</u>	-	<u>3.2.27.2</u>	NGET	<u>T0</u>	Following the signing of the TO Construction Offer	Unstructured email	<u>78</u>	Notification form providing notification of any resultant updates to the netwrok model in the relevant TO's "boundary of influence"
<u>274</u>	<u>18-1</u>	-	<u>3.3.1.1</u>	<u>TO</u>	<u>NGET</u>	Following identification of a requirement for an indemnity	Structured email / paper	<u>16</u>	Indemnity proposal
<u>275</u>	<u>18-1</u>	-	<u>3.3.1.4</u>	<u>NGET</u>	<u>TO</u>	Following receipt of an Indemnity Proposal and agreed to work under indemnity	<u>1. Structured</u> <u>email / paper</u> <u>2.</u> <u>Unstructured</u> email / paper	<u>1. 16</u> <u>2. 17</u>	1. Indemnity Proposal 2. Indemnity Offer Request
<u>276</u>	<u>18-1</u>	-	<u>3.3.1.5</u>	<u>TO</u>	<u>NGET</u>	Within 10 Business Days of receipt of the indemnity offer request	Structured email / paper	<u>18</u>	Indemnity Offer
<u>277</u>	<u>18-1</u>	-	<u>3.3.1.7</u>	NGET	<u>TO</u>	Following signing of the Indemnity Agreement by the Applicant	Structured email / paper	<u>185</u>	Signed Indemnity Agreement
<u>278</u>	<u>18-1</u>	-	<u>3.3.1.8</u>	<u>TO</u>	<u>NGET</u>	On the 10th of each month after the start of the works being carried out under an Indemnity Agreement	Structured email / paper	<u>19</u>	Indemnity Agreement Status Report
<u>279</u>	<u>18-1</u>	-	<u>3.3.1.9</u>	<u>NGET</u>	<u>TO</u>	Following need for clarification or further information on details of the Indemnity Agreement Status	<u>Structured</u> email	77	Clarification on details within the Indemnity Agreement Status Report

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Transfer <u>Ref</u>	Lead STCP Ref	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> <u>Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> Reference	Information
						Report			
<u>280</u>	<u>18-1</u>	-	<u>3.3.1.10</u>	<u>TO</u>	<u>NGET</u>	Within 5 Business Days of receipt of request to clarify details of the Indemnity Agreement Status Report or as stated within that request	Structured email	77	Response to a request for clarification on details within the Indemnity Status Report.
<u>281</u>	<u>18-1</u>	-	<u>3.3.1.11</u>	<u>NGET</u>	<u>TO</u>	Following need to extend the term or the value of the indemnity	Structured email	<u>77</u>	Requirement to extend the term and/or value of the indemnity
<u>282</u>	<u>18-1</u>	-	<u>3.3.1.12</u>	<u>NGET</u>	<u>TO</u>	Following need to cease working under the terms of the indemnity	Unstructured email	<u>78</u>	Instruction to cease work under the Indemnity Agreement
<u>283</u>	<u>18-1</u>	-	<u>3.3.1.13</u>	<u>T0</u>	<u>NGET</u>	Following instruction to cease working under the terms of the indemnity or where a TO Offer has not been accepted by the end of the term of the indemnity.	Structured email / paper	<u>82</u>	Invoice and payment details
<u>284</u>	<u>18-1</u>	-	<u>3.3.2.3</u>	<u>NGET</u>	<u>TO</u>	Following the requirement to make an application for an extension to timescales	Structured email	77	Request for information to assist with an application to extend the application process timescales
<u>285</u>	<u>18-1</u>	-	<u>3.3.2.3</u>	<u>TO</u>	<u>NGET</u>	Following a request to provide information to assist in the application to extend the application process timescales	Structured email	77	Response to a request for information to assist with an application to extend the application process timescales
<u>286</u>	<u>18-1</u>	-	<u>3.3.2.3, 3.3.2.4</u>	<u>TO</u>	<u>NGET</u>	Following receipt of a request for information to assist with NGET's request to the Authority for extending the application process timetable	Structured email	77	Response to a request for infromation to assist with an extension request to the Authority

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<u>Transfer</u> <u>Ref</u>	Lead STCP Ref	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> <u>Reference</u>	Information
<u>287</u>	<u>18-1</u>	-	<u>3.3.2.4</u>	<u>TO</u>	NGET	Following the decision to submit a request to extend the application process timescales to the Authority	Unstructured email	<u>78</u>	A notification form with the notification statement stating the decision to submit a request for the extension to the application timescales. The Scheme Number to be included.
<u>288</u>	<u>18-1</u>	-	<u>3.3.2.5</u>	<u>NGET</u>	<u>TO</u>	Following the granting to an extension to the application timescales by the Authority	Structured email	<u>80</u>	<u>Updated SBN</u>
289	<u>18-1</u>	-	<u>3.3.5.1.2</u>	NGET	<u>TO</u>	Following a decision to convene a meeting of the Application Steering Group to discuss the revision of the Construction Planning Assumptions following NGET decision to change the Construction Planning Assumptions	Unstructured email	78	Notification form giving details of the required meeting of the Application Steering Group
<u>290</u>	<u>18-1</u>	-	<u>3.3.5.1.3</u>	<u>NGET</u>	<u>TO</u>	Following a modification to the Construction Planning Assumptions	Unstructured email	<u>129</u>	Modified Construction Planning Assumptions
<u>291</u>	<u>18-1</u>	-	<u>3.3.5.2.1</u>	<u>T0</u>	<u>NGET</u>	At any time prior to issuing its TO Construction Offer following the need to make a request to change its Construction Planning Assumptions	Structured email	77	Request for a change to the Construction Planning Assumptions including a reason for such request.
<u>292</u>	<u>18-1</u>	-	3.3.5.2.2	NGET	<u>TO</u>	Following a decision to convene a meeting of the Application Steering Group to discuss the revision of the Construction Planning Assumptions following TO decision to change the	Unstructured email	<u>78</u>	Notification form giving details of the required meeting of the Application Steering Group

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<u>Transfer</u> <u>Ref</u>	Lead STCP Ref	Related STCP Ref	<u>Paragraph</u> <u>Reference - bold</u> <u>refers to Lead</u> <u>STCP reference</u>	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> Reference	Information
						Construction Planning Assumptions			
<u>293</u>	<u>18-1</u>	-	<u>3.3.5.2.3</u>	<u>NGET</u>	<u>TO</u>	Following receipt of request from TO to modify the Construction Planning Assumptions prior the issue of the Offer by NGET	Unstructured email	<u>78</u>	Notification form that informs TOs materially affected by the requested change in the Construction Planning Assumptions following a request from a TO to modify them.
<u>294</u>	<u>18-1</u>	-	<u>3.3.5.3.3</u>	<u>NGET</u>	<u>TO</u>	Following the issuing of an Offer and the Construction Planning Assumptions need to be revised	Structured email	<u>1. 129</u> <u>2. 80</u>	1. Modified Construction <u>Planning Assumptions</u> <u>2. Updated SBN</u>
<u>295</u>	<u>18-1</u>	-	<u>3.3.5.4.1</u>	<u>TO</u>	<u>NGET</u>	At any time after the issuing of the Offer to the Applicant and prior to the acceptance or lapse of the TO Construction Offer	Structured email	77	Request for a change to the Construction Planning Assumptions including a reason for such request.
<u>296</u>	<u>18-1</u>	-	<u>3.3.5.4.3</u>	NGET	<u>TO</u>	Following receipt of request from TO to modify the Construction Planning Assumptions after the issue of the Offer by NGET	Unstructured email	<u>78</u>	Notification form that informs TOs materially affected by the requested change in the Construction Planning Assumptions following a request from a TO to modify them.
<u>297</u>	<u>18-1</u>	-	<u>3.3.5.4.5</u>	<u>NGET</u>	<u>T0</u>	Following the issuing of an Offer and the revision of the Construction Planning Assumptions	Structured email	<u>1. 129</u> <u>2. 80</u>	1. Modified Construction Planning Assumptions 2. Updated SBN

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Transfer <u>Ref</u>	Lead STCP Ref	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> <u>Reference</u>	Information
<u>298</u>	<u>18-2</u>	<u>18-3</u>	3.2.2.4 (STCP3.3.2)	<u>NGET</u>	<u>T0</u>	Within 3 business days of receipt of User Application	Structured email / paper	<u>1. 128</u> <u>2. 80</u>	1. System Construction <u>Application</u> 2. Scheme Briefing Note - draft <u>application programme dates</u>
<u>299</u>	<u>18-2</u>	-	<u>3.2.3.1</u>	<u>TO</u>	<u>NGET</u>	Within 2 business days of receipt of Application from NGET	Unstructured email	<u>7</u>	TO contact details
300	<u>18-2</u>	-	<u>3.2.3.1</u>	<u>NGET</u>	<u>T0</u>	On receipt of notification from the Affected Parties of their Lead Person(s) and after updating the SBN	Structured email	<u>80</u>	Updated SBN - Affected Parties' Lead Persons
<u>301</u>	<u>18-2</u>	-	<u>3.2.5.1</u>	<u>NGET</u>	<u>T0</u>	On clearance of the application fee	Structured email	<u>80</u>	Updated SBN - Fee Cleared Actual Date
<u>302</u>	<u>18-2</u>	-	<u>3.2.6.1</u>	<u>TO</u>	<u>NGET</u>	Within 5 Business Days of receipt of NGET Construction Application	Unstructured email	<u>1. 119</u> <u>2. 58</u>	1. Technical competency of an application.     2. DNO Network Data Requirements
<u>303</u>	<u>18-2</u>	-	<u>3.2.7.2</u>	<u>NGET</u>	<u>T0</u>	Following a non-effective User Application	Structured email	<u>80</u>	Updated SBN - date Applicant and DNO contacted
<u>304</u>	<u>18-2</u>	-	<u>3.2.8.1</u>	<u>NGET</u>	<u>TO</u>	Following acknowledgement that the application is technically non- effective	Structured email	77	Resolution request
<u>305</u>	<u>18-2</u>	-	<u>3.2.8.1</u>	<u>TO</u>	<u>NGET</u>	Following request for assistance in resolving a non-competent application	Structured email	77	Resolution assistance
<u>306</u>	<u>18-2</u>	-	<u>3.2.9.1</u>	<u>NGET</u>	<u>TO</u>	On receipt of data from Applicant	1. <u>Unstructured</u> <u>email</u> 2. Structured <u>email</u>	<u>1. 132</u> <u>2. 80</u>	1. Missing and/or additional data         originally sent by the Applicant to         NGET         2. Updated SBN - date         missing/additional technical data         has been received from

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	Ref S1	<u>ead</u> TCP Ref	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> Reference	Information
										<u>Applicant</u>
<u>30</u>	<u>7 18</u>	<u>3-2</u>	-	<u>3.2.9.2</u>	<u>NGET</u>	<u>TO</u>	<u>On receipt of Network data from</u> <u>DNO</u>	1. <u>Unstructured</u> <u>email</u> 2. <u>Structured</u> <u>email</u>	<u>1. 59</u> <u>2. 80</u>	1. DNO Network data as required - may differ with each application request 2. Updated SBN - date missing/additional technical data has been received from DNO
<u>308</u>	<u>8 18</u>	<u>3-2</u>	-	<u>3.2.9.3</u>	<u>TO</u>	<u>NGET</u>	Within 3 Business Days of receipt of the missing/additional technical data	<u>Unstructured</u> email / paper	<u>119</u>	Technical competency of an application.
<u>30</u> !	<u>9 18</u>	<u>3-2</u>	-	<u>3.2.10.1</u>	<u>NGET</u>	<u>T0</u>	Following confirmation that the NGET Construction Application is technically effective	<u>Structured</u> email	<u>80</u>	Updated SBN - User Application Date, NGET Application Date, draft Application Programme dates
<u>31(</u>	<u>0 18</u>	<u>3-2</u>	-	<u>3.2.11.1</u>	<u>NGET</u>	<u>T0</u>	Within 5 Business Days of the User Application Date if NGET generates Construction Planning Assumptions	<u>Unstructured</u> email	<u>129</u>	Construction Planning Assumptions
<u>31</u>	<u>1 18</u>	<u>3-2</u>	-	<u>3.2.11.2</u>	<u>NGET</u>	<u>T0</u>	Within 2 Business Days of User Application Date if NGET do not intend to generate a set of Construction Planning Assumptions	<u>Unstructured</u> email	<u>123</u>	Notification that NGET will not be requesting construction planning assumptions for this Application

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<u>Transfer</u> <u>Ref</u>	Lead STCP <u>Ref</u>	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> Reference	Information
<u>312</u>	<u>18-2</u>	-	<u>3.2.11.3</u>	<u>NGET</u>	<u>TO</u>	In the event of a delay between the receipt of the User Application and the User Application being effective and where it is necessary	Unstructured email	<u>129</u>	Revised and updated Construction Planning Assumptions which take account of the generation and demand backgrounds in STCP22-1
<u>313</u>	<u>18-2</u>	-	<u>3.2.12.2</u>	<u>TO</u>	NGET	<u>1 Business Day prior to the</u> <u>meeting to agree the Application</u> <u>Programme or within 21 calendar</u> <u>days from receipt of effective</u> <u>NGET Construction Application,</u> <u>whichever is earlier</u>	Structured email / paper	<u>131</u>	Confirmation or recommended amendment to draft Application Programme
<u>314</u>	<u>18-2</u>	-	<u>3.2.14.1</u>	<u>TO</u>	NGET	Within 21 calendar days from receipt of effective NGET Construction Application or other agreed time	<u>Unstructured</u> email	<u>206</u>	Confirmation that there is no impact and no Transmission Construction Works required on the TO's Transmission System. Technical design or operational criteria that it is intended to assume to apply to User Equipment at the Relevant Connection site will also be notified
<u>315</u>	<u>18-2</u>	<u>18-6</u>	<u>3.2.17.1</u> (STCP3.1.1)	NGET	<u>TO</u>	Following the return of the signed Use of System Agreement from the Applicant	Structured email	<u>80</u>	Updated SBN - Signed Use of System Agreement
<u>316</u>	<u>18-2</u>	-	<u>3.3.1.3, 3.3.1.4</u>	<u>NGET</u>	<u>TO</u>	Following receipt of a request for information to assist with NGET's request to the Authority for extending the application process timetable	Structured email	77	Request for information to assist with an extension request to the Authority

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Transfer <u>Ref</u>	Lead STCP Ref	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> <u>Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> Reference	Information
<u>317</u>	<u>18-2</u>	-	<u>3.3.1.3, 3.3.1.4</u>	<u>T0</u>	<u>NGET</u>	Following receipt of a request for information to assist with NGET's request to the Authority for extending the application process timetable	Structured email	77	Response to a request for information to assist with an extension request to the Authority
<u>318</u>	<u>18-2</u>	_	<u>3.3.1.4</u>	<u>NGET</u>	<u>TO</u>	When a Party submits a request to the Authority to extend the application process timetable following a refusal of that request by the Application Steering <u>Group</u>	Unstructured email	<u>78</u>	Notification form . The notification statement will detail the request made to the Authority to extend the application process timescales.
<u>319</u>	<u>18-2</u>	-	<u>3.3.1.5</u>	<u>NGET</u>	<u>TO</u>	Following the updating of the Scheme Briefing Note after an extension to the application timescales is agreed by the Authority	Structured email	<u>80</u>	Updated SBN
<u>320</u>	<u>18-2</u>	-	<u>3.3.3.1.2</u>	<u>NGET</u>	<u>TO</u>	Following a decision to convene a meeting of the Application Steering Group to discuss the revision of the Construction Planning Assumptions following NGET initiated modification	Unstructured email	<u>78</u>	Notification form giving details of the required meeting of he Application Steering Group
<u>321</u>	<u>18-2</u>	-	<u>3.3.3.1.3</u>	<u>NGET</u>	<u>TO</u>	Following a modification to the Construction Planning Assumptions	Unstructured email	<u>129</u>	Modified Construction Planning Assumptions
<u>322</u>	<u>18-2</u>	-	<u>3.3.3.2.1</u>	<u>TO</u>	<u>NGET</u>	At any time prior to issuing its response to the NGET Construction Application	Structured email	<u>77</u>	Request for a change to the Construction Planning Assumptions including a reason for such request.

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Transfer <u>Ref</u>	Lead STCP Ref	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> Reference	Information
<u>323</u>	<u>18-2</u>	-	<u>3.3.3.2.2</u>	<u>NGET</u>	<u>TO</u>	Following a decision to convene a meeting of the Application Steering Group to discuss the revision of the Construction Planning Assumptions following TO initiated modification	Unstructured email	<u>78</u>	Notification form giving details of the required meeting of he Application Steering Group
324	<u>18-2</u>	-	<u>3.3.3.2.3</u>	<u>NGET</u>	<u>TO</u>	Following receipt of request from TO to modify the Construction Planning Assumptions prior the issue of the Offer by NGET	Unstructured email	<u>78</u>	Notification form that informs TOs materially affected by the requested change in the Construction Planning Assumptions following a request from a TO to modify them.
<u>325</u>	<u>18-2</u>	-	<u>3.3.3.2.3</u>	<u>NGET</u>	<u>TO</u>	Following receipt of request from TO to modify the Construction Planning Assumptions prior the issue of the Offer by NGET	Unstructured email	<u>129</u>	Modified Construction Planning Assumptions
<u>326</u>	<u>18-2</u>	-	<u>3.3.3.2</u>	<u>NGET</u>	<u>TO</u>	Following receipt of request from TO to modify the Construction Planning Assumptions prior the issue of the Offer by NGET	Unstructured email / paper	<u>77</u>	Request for confirmation that the TO will meet the Application Programme
327	<u>18-2</u>	-	<u>3.3.3.3</u>	<u>NGET</u>	<u>TO</u>	Following the issuing of an Offer and the Construction Planning Assumptions need to be revised	Structured email	<u>1. 129</u> <u>2. 80</u>	1. Modified Construction Planning Assumptions 2. Updated SBN
<u>328</u>	<u>18-2</u>	-	<u>3.3.3.4.1</u>	<u>TO</u>	<u>NGET</u>	At any time after the issuing of the Offer to the Applicant and prior to the acceptance or lapse of the Use of System Offer	Structured email	77	Request for a change to the Construction Planning Assumptions including a reason for such request.

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Transfer Ref	<u>Lead</u> STCP <u>Ref</u>	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> Reference	Information
<u>329</u>	<u>18-2</u>	_	<u>3.3.3.4.3</u>	<u>NGET</u>	<u>TO</u>	Following receipt of request from TO to modify the Construction Planning Assumptions after the issue of the Use of System Offer by NGET	Unstructured email	<u>78</u>	Notification form that informs TOs materially affected by the requested change in the Construction Planning Assumptions following a request from a TO to modify them.
<u>330</u>	<u>18-2</u>	-	<u>3.3.3.4.5</u>	<u>NGET</u>	<u>T0</u>	Following the issuing of the Use of System Offer and the revision of the Construction Planning Assumptions.	Structured email	<u>1. 1292. 80</u>	1. Modified Construction Planning Assumptions2. Updated SBN
<u>331</u>	<u>18-3</u>	-	<u>3.2.2</u>	<u>NGET</u>	<u>TO</u>	Within 2 business days of receipt from User of notice to reduce TEC provided it is received not less than 5 business days prior to 30th March in any Financial Year	<u>Unstructured</u> email / paper	<u>184</u>	Copy of the notice to decrease TEC sent by the User to NGET
<u>332</u>	<u>18-3</u>	-	3.2.4	<u>NGET</u>	<u>T0</u>	Following change to the User's Bilateral Agreement has been effected between NGET and the User	<u>Unstructured</u> email	<u>78</u>	Notification form. The statement to give confirmation of the change to the Bilateral Agreement
333	<u>18-3</u>	-	<u>3.3.5</u>	<u>TO</u>	NGET	Within 21 calendar days of the NGET Application Date and where there is no impact on the TO network	Unstructured email / paper	<u>78</u>	Notification form stating that there is no impact. Scheme Number to be quoted. The TO will also notify of any technical design or operational criteria which they intend to assume will apply to User Equipment at the Relevant Construction Site
<u>334</u>	<u>18-3</u>	<u>18-6</u>	<u>3.3.5</u> (STCP18-6, 3.1.1)	<u>NGET</u>	<u>T0</u>	Following the effecting of the change to the Bilateral Agreement	Unstructured email	<u>80</u>	Scheme Briefing Note

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<u>335</u>	<u>18-3</u>	-	<u>3.3.6</u>	<u>TO</u>	<u>NGET</u>	Within 21 calendar days of the NGET Application Date and where there is an impact on the TO network	<u>Unstructured</u> email	<u>78</u>	Notification form stating that there is an impact. Scheme Number to be quoted
<u>336</u>	<u>18-6</u>	-	<u>3.1.5</u>	<u>TO</u>	NGET	Following consideration of the impact on Transmission Connection Asset Works, One-off Works, Third Party Works on existing TO Construction Agreements and the discussion of the impact between TO and NGET	Unstructured paper	<u>203</u>	Appendices Amendment notice
<u>337</u>	<u>18-6</u>	-	<u>3.1.6</u>	NGET	<u>TO</u>	Following receipt of the notification of the required amendments to TO Construction Agreement Appendices	Unstructured paper	<u>78</u>	Notification form. The notification statement to include the TO Construction Agreement/Connection Site Specification identifier
<u>338</u>	<u>18-6</u>	-	<u>3.2.1</u>	<u>TO</u>	<u>NGET</u>	Following revisions to relevant Appendices of the TO Construction Agreement due to Consents driven changes	<u>Unstructured</u> <u>Paper</u>	<u>203</u>	Appendices Amendment notice
<u>339</u>	<u>18-6</u>	-	<u>3.2.2</u>	<u>NGET</u>	<u>TO</u>	Within 28 days of the Affected Party becoming aware of an occurrence allowed under STC Schedule 9, 3.2 giving rise to a delay in the carrying out of the Affected Party's Works	Unstructured Paper	<u>204</u>	TO Construction Agreement Date Amendment Notice

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Transfer <u>Ref</u>	Lead STCP Ref	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> Reference	Information
<u>340</u>	<u>18-6</u>	-	<u>3.3.1</u>	<u>TO</u>	<u>NGET</u>	Following a requirement to amend the technical design or operational criteria that forms part of the TO Construction Agreement or the Connection Site Specification	Unstructured paper	<u>78</u>	Notification that amendment is required. The notification statement to include the TO Construction Agreement/Connection Site Specification Identifier, the reason for the amendment and the amendments that are required
<u>341</u>	<u>18-6</u>	-	<u>3.3.2</u>	<u>NGET</u>	<u>TO</u>	Following receipt of a requirement to amend the technical design or operational criteria and the need for further information	<u>Structured</u> email	77	Request for additional information providing the TO Construction Agreement/Connection Site Specification Identifier to identify the notification.
<u>342</u>	<u>19-2</u>	-	<u>5.2.1.1</u>	<u>TO</u>	<u>NGET</u>	Following preparation of a Detailed TO Construction Programme	Unstructured email / paper	<u>207</u>	Detailed TO Construction Programme
343	<u>19-2</u>	-	<u>5.2.1.4, 5.8.2</u>	<u>TO</u>	<u>NGET</u>	Following discussion and having been given Joint Project Parties' consent to amend the Detailed TO Construction Programme	Unstructured email / paper	<u>207</u>	Detailed TO Construction Programme
<u>344</u>	<u>19-2</u>	-	<u>5.2.1.4</u>	NGET	<u>TO</u>	Following receipt of an amended Detailed TO Construction Programme	Unstructured email / paper	<u>207</u>	Detailed TO Construction Programme
<u>345</u>	<u>19-2</u>	-	<u>5.3.1</u>	<u>TO</u>	<u>NGET</u>	Request for reasonable assistance in support for an application for Consents during a Construction Project	Unstructured email / paper	<u>77</u>	Request for information to support an application for Consents.

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Transfer <u>Ref</u>	Lead STCP Ref	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> <u>Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> <u>Reference</u>	Information
<u>346</u>	<u>19-2</u>	-	<u>5.3.2</u>	<u>NGET</u>	<u>T0</u>	Following the provision of support to assist a TO in its application for Consents during a Construction Project	<u>Unstructured</u> email / paper	77	Response to a request for information to support an application for Consents. The information will be included with the exchange
<u>347</u>	<u>19-2</u>	-	<u>5.3.2</u>	NGET	<u>TO</u>	Following the provision of support to assist a TO in its application for Consents during a Construction Project	Unstructured email / paper	<u>78</u>	Notification of the justification of the costs for providing assistance to a TO in its application for Consents to include: justification of any Generation or Demand backgrounds which underpin a need for a reinforcement; evidence of ongoing System operation costs; details of the Connection requirements.
<u>348</u>	<u>19-2</u>	-	<u>5.4.1.1</u>	<u>TO</u>	<u>NGET</u>	In accordance with the Detailed TO Construction Programme	Unstructured email / paper	<u>66</u>	Stage-by-Stage Document
<u>349</u>	<u>19-2</u>	_	<u>5.4.2.3</u>	<u>TO</u>	<u>NGET</u>	Following a concern that the Stage-by Stage Document is not appropriate	Unstructured email / paper	<u>137</u>	Construction Programme comments
<u>350</u>	<u>19-2</u>	-	<u>5.6.2</u>	<u>TO</u>	NGET	Monthly, or as agreed in construction Programme plan	<u>Structured</u> email / paper	<u>71</u>	Consents progress Proforma
<u>351</u>	<u>19-2</u>	-	<u>5.6.3</u>	<u>TO</u>	NGET	Quarterly, or as agreed in Construction Programme plan	<u>Structured</u> email / paper	<u>72</u>	Construction Progress Reports Proforma

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<u>352</u>	<u>19-2</u>	-	<u>5.7.1</u>	<u>TO</u>	<u>NGET</u>	In accordance with the terms of the TO Construction Agreement	<u>Structured</u> email / paper	<u>73</u>	Final Sums Report
<u>353</u>	<u>19-2</u>	-	<u>6.2.1</u>	<u>TO</u>	<u>NGET</u>	Following preparation of the TO Infrastructure Construction Programme	Unstructured email / paper	<u>68</u>	TO Infrastructure Construction Programme
<u>354</u>	<u>19-2</u>	-	<u>6.2.3</u>	<u>TO</u>	<u>NGET</u>	Following request from NGET to provide an amended copy of the TO Infrastructure Construction Programme	Unstructured email / paper	<u>68</u>	TO Infrastructure Construction Programme
<u>355</u>	<u>19-2</u>	-	<u>6.2.4.2</u>	NGET	<u>TO</u>	Following a concern that the TO Infrastructure Construction Programme is not appropriate	Unstructured email / paper	<u>137</u>	Construction Programme comments
<u>356</u>	<u>19-2</u>	-	<u>6.3.1</u>	<u>TO</u>	<u>NGET</u>	Request for reasonable assistance in support for an application for Consents during an Investment Planning Construction Programme	<u>Unstructured</u> email / paper	77	Request for information to support an application for <u>Consents.</u>
<u>357</u>	<u>19-2</u>	-	<u>6.3.1</u>	NGET	<u>TO</u>	Following the provision of support to assist a TO in its application for Consents during an Investment Planning Construction Programme	Unstructured email / paper	77	Response to a request for information to support an application for Consents. The information will be included with the exchange
358	<u>19-2</u>	-	<u>6.3.1</u>	<u>NGET</u>	<u>TO</u>	Following the provision of support to assist a TO in its application for Consents during an Investment Planning Construction Programme	Unstructured email / paper	<u>78</u>	Notification of the justification of the costs for providing assistance to a TO in its application for Consents to include: justification of any Generation or Demand backgrounds which underpin a need for a

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## STCP 12-1 Data Exchange Mechanism

Issue <u>34</u> – <u>07xx/12xx/2009</u>31/01/2006

	<u>Fransfer</u> <u>Ref</u>	<u>Lead</u> STCP <u>Ref</u>	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> Reference	Information
										reinforcement: evidence of ongoing System operation costs.
<u></u>	<u>359</u>	<u>19-2</u>	-	<u>6.6.1</u>	<u>NGET</u>	<u>TO</u>	On need for information on progress of the Transmission Infrastructure Works	Unstructured email / paper	<u>77</u>	Request for information on progress
5	<u>360</u>	<u>19-2</u>	-	<u>6.6.1</u>	<u>TO</u>	<u>NGET</u>	Following request for information on progress	Unstructured email / paper	<u>77</u>	Response to a request for information on progress
	<u>361</u>	<u>19-2</u>	-	<u>6.7.2</u>	<u>TO</u>	<u>NGET</u>	Following identification that the timetable within the Stage-by- Stage Document is no longer feasible	Unstructured email / paper	<u>1. 66</u> <u>2. 68</u>	1. Stage-by-Stage Document           2. TO Infrastructure Construction           Programme
2	<u>362</u>	<u>19-2</u>	-	<u>7.1.1</u>	<u>TO</u>	<u>NGET</u>	Following the Completion Date of a Construction Project no less than 82 calendar days prior to the 31st March and 30th September of each year	Structured email / paper	<u>208</u>	Bi-annual Termination Amounts Report
2	<u>363</u>	<u>19-2</u>	-	<u>7.1.1</u>	<u>NGET</u>	<u>TO</u>	Following a User request for an explanation on the TO estimate on the Bi-annual Termination Amounts Report	Unstructured email / paper	<u>77</u>	Request for information on the Bi-annual Termination Amounts Report
	<u>364</u>	<u>19-2</u>	-	<u>7.1.1</u>	<u>T0</u>	<u>NGET</u>	Following receipt of request for an explanation on the TO estimate on the Bi-annual	Unstructured email / paper	77	Response to a request for information on the Bi-annual Termination Amounts Report

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<u>Transfer</u> <u>Ref</u>	Lead STCP Ref	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> <u>Reference</u>	Information
						Termination Amounts Report			
<u>365</u>	<u>19-2</u>	-	<u>7.3.2</u>	<u>TO</u>	<u>NGET</u>	Within 8 months of the Completion Date or as otherwise agreed between the TO and NGET	Unstructured email / paper	<u>36</u>	Final Project Report
<u>366</u>	<u>19-2</u>	-	<u>7.3.3</u>	NGET	<u>TO</u>	Following receipt of the Final Project Report if there is further detail/clarification required	Unstructured email / paper	77	Request for further detail/clarifaication on the Final Project Report
<u>367</u>	<u>19-2</u>	-	<u>7.3.4</u>	<u>TO</u>	<u>NGET</u>	Following receipt of a request for further detail/clarification on the Final Project Report	Unstructured email / paper	77	Response to a request for further detail/clarifaication on the Final Project Report
<u>368</u>	<u>19-2</u>	-	<u>7.3.6</u>	<u>NGET</u>	<u>TO</u>	Following completion of the closure process	Unstructured email / paper	<u>78</u>	Notification that the closure process has completed confirming acceptance of the Final Project Report
<u>369</u>	<u>19-2</u>	-	<u>7.3.7</u>	<u>TO</u>	<u>NGET</u>	Following identification that NGET has over/underpaid following receipt of the figures in the Final Project Report	Structured email / paper	<u>82</u>	Invoice reconciling the payments against those estimated and those published in the Final Project Report
<u>370</u>	<u>19-2</u>	-	<u>7.4.1</u>	<u>TO</u>	<u>NGET</u>	Following the terminaion of a TO Construction Agreement	Structured email / paper	<u>41</u>	Termination Report
<u>371</u>	<u>19-2</u>	-	<u>7.4.2</u>	<u>NGET</u>	<u>TO</u>	Following receipt of the Termination Report if there is further detail/clarification required	Unstructured email / paper	77	Request for further detail/clarifaication on the Termination Report
<u>372</u>	<u>19-2</u>	-	7.4.3	<u>TO</u>	<u>NGET</u>	Following receipt of a request for further detail/clarification on the Termination Report	<u>Unstructured</u> email / paper	77	Response to a request for further detail/clarifaication on the Termination Report

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<u>Transfer</u> <u>Ref</u>	<u>Lead</u> STCP <u>Ref</u>	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> <u>Reference</u>	Information
<u>373</u>	<u>19-2</u>	-	<u>7.4.4</u>	<u>TO</u>	<u>NGET</u>	As soon as reasonably practicable but within 6 months of the termination of the TO(s) Construction Agreement	<u>Unstructured</u> email / paper	<u>40</u>	Statement of Final Sums
374	<u>19-2</u>	-	7.5.1	NGET	<u>10</u>	Within 2 Business Days of NGET receiving notice from the User wishing to teminate, Disconnect or partially Disconnect the User's Equipment of NGET giving notice of termination to the User.	<u>Structured</u> email	<u>80</u>	Scheme Briefing Note - copy of User's notice to terminate and/or Disconnect or a copy of NGET notice of termination. - the date of termination - the draft Disconnection Notice Programme dates - details of the Disconnection, identifying the Host TO, Affected TO and Other Affected TO, the NGET Lead Person and NGET Scheme Number
375	<u>19-2</u>	-	<u>7.5.3</u>	<u>TO</u>	<u>NGET</u>	Within 2 Business Days of receipt of the Scheme Briefing Note showing termination details	Unstructured email	<u>78</u>	Notification form acknowledging receipt of the SBN and providing the Affected Party's Lead Person
<u>376</u>	<u>19-2</u>	-	<u>7.5.5</u>	<u>NGET</u>	<u>T0</u>	As soon as possible but within 2 Business Days of receipt of the Scheme Briefing Note showing termination details	<u>Unstructured</u> email	<u>78</u>	Notification form providing the TO with the version of the Planning Assumptions to be used in assessingthe termination
377	<u>19-2</u>	-	7.5.7	<u>TO</u>	<u>NGET</u>	Following identification of a proposed amendment to the Disconnection Notice Programme and at least 1 day prior to a meeting of the Disconnection Steering Group	Unstructured email	<u>78</u>	Notification form providing details of the proposed amendment to the Disconnection Notice Programme

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Transfer <u>Ref</u>	<u>Lead</u> STCP <u>Ref</u>	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> <u>Reference</u>	Information
<u>378</u>	<u>19-2</u>	-	<u>7.5.8</u>	<u>TO</u>	<u>NGET</u>	In accordance with the Disconnection Notice Programme and prior to the Termination Date	Unstructured email	<u>41</u>	Termination Report
<u>379</u>	<u>19-2</u>	-	<u>7.5.11</u>	<u>T0</u>	<u>NGET</u>	Following a request for an updated Termination Report. The request may be verbal. The information must be provided prior to the Termination Date	Unstructured email	<u>41</u>	Updated Termination Report
<u>380</u>	<u>19-2</u>	-	<u>7.5.13</u>	<u>TO</u>	<u>NGET</u>	Following submission of the final Termination Report	Structured email / paper	<u>82</u>	Invoice for Termination Amounts
<u>381</u>	<u>19-2</u>	-	<u>7.6.3</u>	NGET	<u>TO</u>	When requiring confirmation of the position of assets that have been Disconnected	Unstructured email	77	Request for confirmation of asset position
<u>382</u>	<u>19-2</u>	-	<u>7.6.3</u>	<u>TO</u>	NGET	On receipt of request for the status of assets that have been Disconnected	Unstructured email	77	Response to a request for confirmation of asset position
<u>383</u>	<u>19-3</u>	-	<u>3.2.7</u>	NGET	<u>TO</u>	Following the establishment of the ONP	Unstructured Email / paper	<u>194</u>	Safety Coordinator details
<u>384</u>	<u>19-3</u>	-	<u>3.2.10</u>	<u>T0</u>	<u>NGET</u>	Following receipt of a copy of the User's Safety Rules and following the sending of the TO's Safety Rules to the User	<u>Unstructured</u> <u>Email /</u> paper	<u>78</u>	Notification that a copy of the User's Safety Rules have been received and approved and that a copy of the TO's Safety Rules have been sent to the User
<u>385</u>	<u>19-3</u>	-	<u>3.2.10</u>	NGET	<u>TO</u>	Following User confirmation tha the TO's Safety Rules have been approved by the User	Unstructured Email / paper	<u>78</u>	Notification that the User has confirmed approval of the TO's Safety Rules
<u>386</u>	<u>19-3</u>	-	<u>3.2.12</u>	<u>NGET</u>	<u>T0</u>	Following each new connection or change to User Equipment	Structured email / paper	<u>215</u>	Compliance Monitoring Statement

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<u>387</u>	<u>19-3</u>	-	<u>3.2.13</u>	<u>NGET</u>	<u>TO</u>	Following receipt of technical and non-technical data from the User as set out in CUSC Section 2, the Grid Code and the relevant Bilateral Agreement	Unstructured Email / paper	<u>78</u>	Notification with the information attached of technial and non- technical data as set out in CUSC Section 2, the Grid Code and relevant Bilateral Agreement and as provided to NGET by the User
<u>388</u>	<u>19-3</u>	-	<u>3.2.14</u>	<u>TO</u>	NGET	Prior to energisation or synchronisation of the User Equipment	Structured email / paper	<u>159</u>	Site Responsibility Schedules for the Connection Site
<u>389</u>	<u>19-3</u>	-	<u>3.2.18</u>	<u>NGET</u>	<u>TO</u>	Prior to the ION being issued	<u>Unstructured</u> <u>Email /</u> <u>paper</u>	<u>92</u>	Extracts from Interim Connection Conditions Compliance Report for matters associated with the TO Construction Offer including all updates to NETS Grid Code DRCdata, network models and excitation models
<u>390</u>	<u>19-3</u>	-	<u>3.2.20</u>	<u>NGET</u>	<u>TO</u>	Following review of agreed documentation following Compliance Testing	<u>Unstructured</u> <u>Email /</u> paper	<u>78</u>	Notification of results of tests relevant to the technical specification advised by the TO in the TO Construction Agreement
<u>391</u>	<u>19-3</u>	-	<u>3.3.2</u>	<u>NGET</u>	<u>TO</u>	On receipt of the Statement of Readiness from a User	<u>Unstructured</u> <u>Email /</u> paper	<u>77</u>	Request for confirmation that the TO is satisfied that the User Equipment can be Energised or Synchronised
<u>392</u>	<u>19-3</u>	-	<u>3.3.2</u>	<u>TO</u>	<u>NGET</u>	Within 5 Business Days following request for confirmation that the TO is satisfied that the User Equipment can be Energised or	<u>Unstructured</u> Email / paper	77	Confirmation that the TO is in agreement with the proposal to release the ION or Energisation Notice

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						Synchronised is satisfied.			
<u>393</u>	<u>19-3</u>	-	<u>3.3.2</u>	<u>T0</u>	NGET	Within 5 Business Days following request for confirmation that the TO is satisfied that the User Equipment can be Energised or Synchronised is dissatisfied.	<u>Unstructured</u> <u>Email /</u> paper	77	Response to request providing reasons why the TO is not satisfied with the proposal to release the ION or Energisation Notice
<u>394</u>	<u>19-3</u>	-	<u>3.3.3</u>	NGET	<u>TO</u>	Following issue of ION or Energisation Notice to the User	Structured email / paper	<u>1. 96</u> <u>2. 95</u>	1. Interim Operational Notification 2. Energisation Notice
<u>395</u>	<u>19-3</u>	-	<u>3.4.3</u>	<u>NGET</u>	<u>TO</u>	As need arises to update Parties on unresolved Compliance issues	Structured email / paper	<u>96</u>	Interim Operational Notification
<u>396</u>	<u>19-3</u>	-	<u>3.5.3</u>	<u>NGET</u>	<u>TO</u>	Following receipt of the FCCCR from the User and following confirmation that both NGET and the TO have valid control system models	Unstructured Email / paper	<u>98</u>	Extracts from Final Connection Conditions Compliance Reports for matters associated with the TO Construction Offer including all updates to NETS Grid Code DRC data, network models and excitation models
<u>397</u>	<u>19-3</u>	-	<u>3.5.4</u>	<u>NGET</u>	<u>TO</u>	Once FCCCR is suitably complete and the User Equipment meets all the requirements defined in the Relevant Standards	<u>Structured</u> email / paper	<u>216</u>	Statement of Completeness (SOC) for signature
<u>398</u>	<u>19-3</u>	-	<u>3.5.4</u>	<u>NGET</u>	<u>TO</u>	<u>Within 5 Business Days of receipt</u> of the Statement of Completeness from NGET and in	<u>Structured</u> email / paper	<u>216</u>	Signed Statement of Completeness (SOC)

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						agreement with the proposal			
<u>399</u>	<u>19-3</u>	-	<u>3.5.4</u>	<u>TO</u>	<u>NGET</u>	Within 5 Business Days of receipt of the Statement of Completeness from NGET and not agreement with the proposal	Unstructured Email / paper	<u>78</u>	Notification and the reasons why the TO is not in agreement with the Statement of Agreement
<u>400</u>	<u>19-3</u>	-	<u>3.5.5</u>	NGET	<u>TO</u>	Following receipt of a signed SOC and issue of FON to the User	Structured email / paper	<u>99</u>	Copy of Final Operational Notification (FON)
<u>401</u>	<u>19-3</u>	-	<u>3.6.1</u>	<u>NGET</u>	<u>TO</u>	Where it is suspected that a User is not complying with the Grid Code in respect of the matters deemed to be of joint interest in the ION and FON process	<u>Unstructured</u> <u>Email /</u> paper	<u>78</u>	Notification together with any information that will assist in determining any non-compliance
402	<u>19-4</u>	-	3.2.9 AppB Item 1(1)	<u>TO</u>	<u>NGET</u>	<u>9 weeks in advance of Plant and</u> <u>Apparatus being connected to</u> <u>the transmission system</u>	Structured email / paper	<u>1. 158</u> <u>2. 126</u> <u>3. 159</u>	1. HV System Change Certificate - Provisional 2. Operations Diagram 3. Site Responsibility Schedules
<u>403</u>	<u>19-4</u>	-	3.2.9 AppB Item 1(1)	<u>NGET</u>	<u>TO</u>	Following receipt of the provisional HVSCC	Structured email / paper	<u>158</u>	HVSCC - Signed acknowledgement completed
<u>404</u>	<u>19-4</u>	-	<u>3.2.9 AppB Item</u> <u>1(2)</u>	<u>TO</u>	<u>NGET</u>	<u>3 days in advance of Plant and Apparatus connected to the System</u>	Structured email / paper	<u>158</u>	HV System Change Certificate - Final
<u>405</u>	<u>19-4</u>	-	3.2.9 AppB Item 1(2)	<u>NGET</u>	<u>TO</u>	Following receipt of the final HVSCC	Structured email / paper	<u>158</u>	HV System Change Certificate - Final Part 2 signed
<u>406</u>	<u>19-4</u>	-	3.2.9 AppB Item 1(3)	<u>TO</u>	<u>NGET</u>	Date the document becomes effective	Structured email / paper	<u>158</u>	HV System Change Certificate - Signed

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<u>407</u>	<u>19-4</u>	-	3.3.16, AppB Item 2 (1)	<u>TO</u>	<u>NGET</u>	On completion of all Off-load Testing and inspections and the asset is ready for On-load Tesing	Structured email / paper	<u>160</u>	Accpetance Certificate - Part 1
<u>408</u>	<u>19-4</u>	-	3.3.16, AppB Item 2 (2)	<u>NGET</u>	<u>TO</u>	On receipt of Acceptance Certificate with Part 1 signed	<u>Structured</u> email / paper	<u>78</u>	notification form acknowledging the part 1 of the Acceptance Certificate
<u>409</u>	<u>19-4</u>	-	<u>3.3.18, AppB Item</u> <u>2 (2)</u>	<u>TO</u>	<u>NGET</u>	On completion of Commissioning Switching Programme and final inspections	<u>Structured</u> email / paper	<u>160</u>	Accpetance Certificate - Part 2
<u>410</u>	<u>19-4</u>	-	3.3.18, AppB Item 2 (2)	<u>NGET</u>	<u>TO</u>	On receipt of Acceptance Certificate with Part 2 signed	Structured email / paper	<u>160</u>	Accpetance Certificate - Part 2 signed
<u>411</u>	<u>19-4</u>	-	3.3.20, AppB Item 3	<u>TO</u>	<u>NGET</u>	Immediately following decommissioning	Structured email / paper	<u>190</u>	Decommissioning Report
412	<u>19-4</u>	-	3.2.4AppC Item 1	<u>TO</u>	NGET	<u>12 weeks in advance of</u> <u>energisation</u>	Unstructured email / paper	<u>1. 161</u> <u>2. 162</u> <u>3. 163</u> <u>4. 164</u> <u>5. 165</u> <u>6. 166</u> <u>7. 167</u> <u>8. 172</u>	Normal Capability Limits. As part of the Service Capability Specification 1. Substation Abbreviation Codes 2. Branch Data 3. Circuit Breaker Data 4. Transformer Data 5. Quadrature Booster Data 6. Reactive Compensation Equipment 7. Control Arrangements 8. Automatic Control Switching Scheme

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<u>413</u>	<u>19-4</u>	-	3.2.4AppC Item 2	<u>TO</u>	NGET	<u>12 weeks in advance of</u> <u>energisation</u>	Unstructured email / paper	1. 168 2. 169 3. 170 4. 171 5. 172 6. 173 7. 174 8. 175 9. 176	Protection and DAR Schedules.         As part of the Service Capability         Specification         1. Circuit Protection Data         2. Transformer Protection Data         3. Quadrature Booster         Protection Data         4. Reactive Plant Protection         Data         5. Automatic Switching Schemes         6. Generator Intertrip Schemes         7. Demand Intertrip Schemes         8. Reverse Power Operation         Schemes         9. System Synchronising         Equipment
<u>414</u>	<u>19-4</u>	-	3.2.4AppC Item 3 (1)	<u>TO</u>	<u>NGET</u>	At outset of scheme	Unstructured email / paper	<u>177</u>	Schedule of Technical Data. As part of the Service Capability Specification
<u>415</u>	<u>19-4</u>	-	3.2.4AppC Item 3 (2)	<u>TO</u>	<u>NGET</u>	20 weeks in advance of energisation	Unstructured email / paper	<u>177</u>	Schedule of Technical Data. As part of the Service Capability Specification
<u>416</u>	<u>19-4</u>	-	3.2.4AppC Item 3 (3)	<u>T0</u>	<u>NGET</u>	As updates become available	Unstructured email / paper	<u>177</u>	Schedule of Technical Data - updates. As part of the Service Capability Specification
<u>417</u>	<u>19-4</u>	_	3.2.4AppC Item 4	<u>TO</u>	<u>NGET</u>	Prior to first energisation and when at a time confirmed at the Stage 2 Commissioning Panel	Unstructured email / paper	<u>178</u>	Written description of Operational Tripping

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<u>418</u>	<u>19-4</u>	-	3.2.4AppC Item 5	<u>TO</u>	<u>NGET</u>	Prior to first energisation and when at a time confirmed at the Stage 2 Commissioning Panel	Unstructured email / paper	<u>180</u>	Extracts of Manual and Handbooks. As part of the Service Capability Specification
<u>419</u>	<u>19-4</u>	-	3.2.4AppC Item 7 (1), 3.3.7	<u>TO</u>	<u>NGET</u>	6 weeks in advance of draft Equipment energisation	Unstructured email / paper	<u>181</u>	Commissioning Switching Programme and On-load Tests - draft
<u>420</u>	<u>19-4</u>	-	3.2.4AppC Item 7 (2), 3.3.8	<u>NGET</u>	<u>TO</u>	4 weeks in advance of energisation	Unstructured email / paper	<u>46</u>	Comments on Commissioning Switching Programme and On- load Tests
<u>421</u>	<u>19-4</u>	-	3.2.4AppC Item 7 (3), 3.3.7	<u>TO</u>	NGET	2 weeks in advance of energisation	Unstructured email / paper	<u>181</u>	Commissioning Switching Programme and On-load Tests - signatures
<u>422</u>	<u>19-4</u>	-	3.2.4AppC Item 7 (4), 3.3.7	<u>TO</u>	<u>NGET</u>	<u>1 week in advance of</u> energisation	Unstructured email / paper	<u>181</u>	Commissioning Switching Programme and On-load Tests - final
<u>423</u>	<u>19-4</u>	-	3.2.4AppC Item 8 (1)	<u>TO</u>	<u>NGET</u>	<u>9 weeks in advance of</u> <u>energisation or on issue of</u> <u>HVSCC, draft new/revised</u> <u>diagram.sheet issued by TO for</u> <u>comment</u>	<u>Unstructured</u> email / paper	<u>126</u>	Operation Diagram or equivalent
<u>424</u>	<u>19-4</u>	-	3.2.4AppC Item 8 (2)	<u>TO</u>	<u>NGET</u>	4 weeks in advance of energisation/HVSCC, final diagram/sheet issued and circulated by the TO	Unstructured email / paper	<u>126</u>	Operation Diagram or equivalent
<u>425</u>	<u>19-4</u>	-	3.2.4AppC Item 9 (1)	<u>T0</u>	<u>NGET</u>	6 weeks in advance of either the issue of HVSCC, or energisation/decommissioning of secondary Plant and Apparatus, draft SRS circulated by the TO	<u>Structured</u> email / paper	<u>159</u>	Site Responsibility Schedule

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<u>426</u>	<u>19-4</u>	-	3.2.4AppC Item 9 (2)	<u>TO</u>	<u>NGET</u>	2 weeks in advance of either the issue of HVSCC, or energisation/decommissioning of secondary Plant and Apparatus, draft SRS circulated by the TO	<u>Structured</u> email / paper	<u>159</u>	Site Responsibility Schedule
427	<u>19-4</u>	-	3.2.4AppC Item 9 (3)	<u>TO</u>	<u>NGET</u>	3 days in advance of HVSCC, or energisation/decommissioning copies signed by all Parties and circulated by the TO	Structured email / paper	<u>159</u>	Site Responsibility Schedule
<u>428</u>	<u>19-4</u>	-	<u>3.3.12</u>	<u>TO</u>	<u>NGET</u>	Following need to change the Commissioning Switching Programme and prior to implementation	Unstructured email / paper	<u>181</u>	Revised Commissioning Switching Programme with a revised unique version issue number
429	<u>19-4</u>	-	<u>3.3.12</u>	<u>TO</u>	<u>NGET</u>	Following need to change the Commissioning Switching Programme following commencement	Unstructured email / paper	<u>181</u>	Revised Commissioning Switching Programme with a revised unique version issue number
<u>430</u>	<u>19-4</u>	-	<u>3.3.6, 3.3.13</u>	<u>TO</u>	NGET	In line with the timescales for the provision of the Commissioning Switching Programmes	Unstructured email / paper	<u>182</u>	Commissioning Method Statement
<u>431</u>	<u>19-4</u>	-	<u>3.3.13</u>	<u>NGET</u>	<u>TO</u>	On receipt of Commissioning Method Statement	<u>Unstructured</u> email	<u>78</u>	Notification form indicating approval or otherwise of the Commissioning Method Statement.
<u>432</u>	<u>19-4</u>	-	<u>3.3.14</u>	NGET	<u>TO</u>	Following notification that there is a potential Operational Effect on the National Electricity Transmission System associated with a Commissioning Method Statement	<u>Unstructured</u> email	77	Request to change the Commissioning Method Statement to include the Scheme Number to allow for identification.

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<u>433</u>	<u>19-6</u>	-	<u>3.1.1</u>	<u>NGET</u>	<u>TO</u>	By 1st September Annually	Structured email	<u>77</u>	Request for proposed daily charge-out rates
434	<u>19-6</u>	-	<u>3.1.2</u>	<u>TO</u>	NGET	Following request from NGET and sent by the 30th September each year	Structured email	77	Proposed daily charge-out rates by grades for the following financial year and an explanation for any significant variation from the previous year
<u>435</u>	<u>19-6</u>	-	<u>3.1.3</u>	NGET	<u>TO</u>	By 15th October annually	Unstructured email / paper	<u>27</u>	Average NGET chargeout rates for following year
<u>436</u>	<u>19-6</u>	-	<u>3.1.4</u>	<u>TO</u>	<u>NGET</u>	On receipt of Forecast and by 30th October annually	Unstructured email / paper	<u>28</u>	Forecast of TO portion of fixed price application fee
<u>437</u>	<u>19-6</u>	-	<u>3.1.6</u>	NGET	<u>TO</u>	Following calculation of fee	Unstructured Email / paper	<u>27</u>	Application Fees and Fixed Price daily charge out rates
<u>438</u>	<u>19-6</u>	-	<u>3.2.2</u>	NGET	<u>TO</u>	Following request from Applicant of appropriate fee for an Application	Unstructured email / Paper	<u>117</u>	Request for Application fee details
<u>439</u>	<u>19-6</u>	-	<u>3.2.3</u>	<u>TO</u>	NGET	Following request from NGET of appropriate fee for an Application	Unstructured email / Paper	<u>118</u>	Confirmation of Application fee
<u>440</u>	<u>19-6</u>	-	<u>3.4.2</u>	<u>TO</u>	<u>NGET</u>	Receipt of SBN with Fee Clearance date	Unstructured Paper	<u>82</u>	Invoice to NGET for Fee
441	<u>19-6</u>	-	<u>3.5.1</u>	<u>NGET</u>	<u>TO</u>	Within two working days of cancellation of application or signing of offer	Unstructured email / Paper	<u>31</u>	Notification of cancellation of application or signing of offer
<u>442</u>	<u>19-6</u>	-	<u>3.5.2</u>	<u>TO</u>	<u>NGET</u>	Within 30 days of cancellation/signing of offer	<u>Unstructured</u> email / <u>Paper</u>	<u>32</u>	Details of outturn application charge

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Transfer <u>Ref</u>	Lead STCP Ref	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> <u>Reference</u>	Information
<u>443</u>	<u>19-6</u>	-	<u>3.5.3</u>	<u>TO</u>	<u>NGET</u>	Following notification of cancellation/signing of offer	Unstructured Paper	<u>82</u>	Invoice or credit for the balance between the advanced fee and the final fee
<u>444</u>	<u>19-6</u>	-	<u>3.6.1</u>	<u>NGET</u>	<u>TO</u>	Following recognition that a refund is due	Unstructured Paper	<u>33</u>	Details of Application Refund
<u>445</u>	<u>19-6</u>	-	<u>3.7.1</u>	<u>NGET</u>	<u>TO</u>	By 1st Sept and 1st March/ biannually	Unstructured email / Paper	<u>34</u>	Application Fee Status Report
<u>446</u>	<u>19-6</u>	-	<u>3.7.2</u>	<u>TO</u>	<u>NGET</u>	Within 10 working days of receipt of Application Fee Status Report	Unstructured email / paper	<u>35</u>	Details of Discrepancies identified within the Application Fee Status Report
<u>447</u>	<u>20-1</u>	-	<u>3.1.2</u>	<u>NGET</u>	<u>TO</u>	Minimum 5 business days before NETS SYS Form Outline meeting	Unstructured email / paper	<u>44</u>	Stakeholder responses to the consultation process
<u>448</u>	<u>20-1</u>	-	<u>3.1.4</u>	<u>NGET</u>	<u>TO</u>	After evaluation meeting	Unstructured email / paper	<u>45</u>	Draft of the NETS SYS Form Outline
<u>449</u>	<u>20-1</u>	-	<u>3.1.4</u>	<u>TO</u>	NGET	Following receipt of the draft NETS SYS Form Outline Document	Unstructured email / paper	<u>46</u>	Comments on the draft of the NETS SYS Form Outline
<u>450</u>	<u>20-1</u>	-	<u>3.1.9</u>	<u>NGET</u>	<u>TO</u>	Within 10 business days of receipt of conclusions from Authority on the NETS SYS Form Outline	Unstructured email / paper	<u>48</u>	Draft Study Guidelines including SYS Programme
<u>451</u>	<u>20-1</u>	-	<u>3.1.10</u>	<u>TO</u>	<u>NGET</u>	Within 10 business days of receipt of draft Study Guidelines including a SYS Programme	Unstructured email / paper	<u>46</u>	Comments on draft Study Guidelines
<u>452</u>	<u>20-1</u>	-	<u>3.1.11</u>	<u>NGET</u>	<u>T0</u>	Within 10 business days of receipt of comments on the draft Study Guidelines comments from the TOs	Unstructured email / paper	<u>48</u>	Revised draft Study Guidelinese

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<u>Transfer</u> <u>Ref</u>	Lead STCP <u>Ref</u>	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> <u>Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> <u>Reference</u>	Information
<u>453</u>	<u>20-1</u>	-	<u>3.1.14</u>	NGET	<u>TO</u>	Following receipt of NETS SYS Form conclusions of the Authority	Unstructured email / paper	<u>78</u>	Notification of the conclusions of made by the Authority on the NETS SYS Form
<u>454</u>	<u>20-1</u>	-	<u>3.1.15</u>	NGET	<u>TO</u>	Within 10 Business Days after confirmation of the NETS SYS Form from the Authority	Unstructured email / paper	<u>48</u>	Revised Study Guidelinese
<u>455</u>	<u>20-1</u>	-	<u>3.1.16</u>	<u>TO</u>	NGET	Within 10 Business Days of receipt of the revised Study Guidelines	Unstructured email / paper	<u>46</u>	Comments on the Study Guidelines document
<u>456</u>	<u>20-1</u>	-	<u>3.1.17</u>	<u>NGET</u>	<u>TO</u>	Within 10 Business Days of receipt of TOs' comments	Unstructured email / paper	<u>48</u>	Revised Study Guidelinese
<u>457</u>	<u>20-1</u>	-	<u>3.3.3</u>	<u>TO</u>	NGET	In accordance with the Study Guidelines	Unstructured email / paper	<u>46</u>	Comments on the Transmission System Boundary Capabilities to include areas of opportunities and those boundaries that are close to their Boundary Capability Limits
<u>458</u>	<u>20-1</u>	-	<u>3.3.5</u>	<u>TO</u>	NGET	In accordance with Study guidelines	Unstructured email / paper	<u>52</u>	Reactive compensation equipment that the TO considers is required
<u>459</u>	<u>20-1</u>	-	<u>3.4.1</u>	<u>TO</u>	<u>NGET</u>	In accordance with the SYS Programme	Unstructured email / paper	<u>53</u>	Network analysis output and relevant text
<u>460</u>	<u>20-1</u>	-	<u>3.4.3a</u>	<u>NGET</u>	<u>TO</u>	In accordance with the SYS Programme	Unstructured email / paper	<u>54</u>	Relevant sections of draft NETS SYS document for comment
<u>461</u>	<u>20-1</u>	-	<u>3.4.3</u>	<u>TO</u>	NGET	Within 10 business days of receipt of relevant sections of draft SYS document	Unstructured email / paper	<u>46</u>	Comments on draft NETS SYS document
<u>462</u>	<u>20-1</u>	-	<u>3.4.4</u>	<u>NGET</u>	<u>T0</u>	In line with dates set out by the SYS Programme	Unstructured email / paper	<u>54</u>	Relevant sections of the updated NETS SYS document

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Transfer <u>Ref</u>	Lead STCP Ref	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> Reference	Information
<u>463</u>	<u>20-1</u>	-	<u>3.4.5</u>	<u>TO</u>	<u>NGET</u>	Following agreement to the relevant section sof the SYS Programme and in accordance with the SYS Programme	<u>Unstructured</u> <u>paper</u>	<u>55</u>	Formal written approval of SYS Document
<u>464</u>	<u>20-1</u>	-	<u>3.5.1, 3.5.2</u>	<u>NGET</u>	<u>TO</u>	One calendar month before publication of a SYS Update	Unstructured email / paper	<u>1.78</u> <u>2.54</u>	1. Notification that an update to the SYS is to be produced and a request to the TOs to verify any changes to any committed schemes in the period since the previous SYS or SYS Update.Additionally, technical information relating to generators that have entered connection agreements since the previous SYS or SYS Update will be provided.2. First draft of the SYS Update
<u>465</u>	<u>20-1</u>	-	<u>3.5.3</u>	<u>TO</u>	<u>NGET</u>	Within 10 business days of receipt of notification that an update to the NETS SYS is going to be produced.	Unstructured email	<u>78</u>	Notifictaiom of confirmation of any changes to committed schemes including any new committed schemes which require inclusion in the NETS SYS Update.
<u>466</u>	<u>20-1</u>	-	3.5.4	<u>NGET</u>	<u>TO</u>	Within 5 business days of receipt of information requested with the first draft of the SYS Update	Unstructured email / paper	<u>54</u>	Relevant sections of the 2nd draft of the SYS Update
<u>467</u>	<u>20-1</u>	-	<u>3.5.5</u>	<u>TO</u>	<u>NGET</u>	Within 3 business days of receipt of the second draft of the SYS Update	Unstructured email / paper	<u>46</u>	Final comments on draft SYS Update

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Transfer <u>Ref</u>	Lead STCP <u>Ref</u>	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> Reference	Information
<u>468</u>	<u>22-1</u>	_	<u>3.2.5</u>	<u>TO</u>	<u>NGET</u>	At the start of the Investment Planning process	Unstructured email / paper	213	Proposed list of transmission sites to reflect the geographic spread, the mix of relevant substation voltages and any sites where there is a concern over fault duties.
<u>469</u>	<u>22-1</u>	-	<u>3.2.7</u>	<u>NGET</u>	<u>TO</u>	Following receipt of JPC proposed change criteria, proposed list of transmission sites and determination of its own Generation sites.	<u>Unstructured</u> email / paper	<u>60</u>	Draft Boundary of Influence
<u>470</u>	<u>22-1</u>	-	<u>3.2.8</u>	<u>NGET</u>	<u>TO</u>	Following disagreement of the Boundary of Influence by the TO and agreement by the JPC that changes are required	<u>Unstructured</u> email / paper	<u>60</u>	Redraft Boundary of Influence that becomes the approved Boundary of Influence
<u>471</u>	<u>22-1</u>	-	<u>3.3.3, 3.3.4</u>	<u>NGET</u>	<u>TO</u>	Following agreement of the Boundary of Influence and creation of a ranking Order for Winter Peak	Structured email / paper	<u>138</u>	Ranking Order for the Winter Peak edited to protect any sensitive User information
<u>472</u>	<u>22-1</u>	-	<u>3.3.4</u>	<u>NGET</u>	<u>TO</u>	Following agreement of the Boundary of Influence and creation of a ranking Order for Winter Peak	<u>Unstructured</u> email / paper	<u>1. 139</u> <u>2. 211</u> <u>3. 212</u>	1. NETS Demand Forecast for each year2. Estimate of losses for each year3. Demand Forecast for each Transmission Licence area
<u>473</u>	<u>22-1</u>	-	<u>3.3.5</u>	<u>NGET</u>	<u>TO</u>	Following disagreement of the Ranking Orders or demand forecasts	Unstructured email / paper	<u>1. 138</u> <u>2. 139</u> <u>3. 212</u>	1. Redraft Ranking Order         2. Redraft NETS Demand         Forecast         3. Redraft Demand Forecast for         each Transmission Licence area

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<u>Transfer</u> <u>Ref</u>	Lead STCP <u>Ref</u>	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> <u>Reference</u>	Information
<u>474</u>	<u>22-1</u>	-	<u>3.3.6</u>	<u>TO</u>	<u>NGET</u>	TOs shall submit PLDs to NGET in respect of proposed network configuration changes	Unstructured email / paper	<u>63</u>	Project Listing Document
<u>475</u>	<u>22-1</u>	-	<u>3.3.7</u>	<u>TO</u>	NGET	Following exchange of PLDs, TO shall submit TO Models to NGET	Unstructured email / paper	<u>217</u>	TO Model for each year
<u>476</u>	<u>22-1</u>	-	<u>3.3.9</u>	<u>TO</u>	NGET	Following receipt of comments from NGET	Unstructured email / paper	<u>1. 63</u> <u>2. 217</u>	1. Issue new PLDs 2. Revise and Resubmit TO Models
<u>477</u>	<u>22-1</u>	-	<u>3.3.13</u>	NGET	<u>TO</u>	Following the creation of Hybrid NETS Investment Planning Models	Unstructured email / paper	<u>135</u>	relevant Hybrid NETS Investment Planning Model
<u>478</u>	<u>22-1</u>	-	<u>3.4.1</u>	<u>NGET</u>	<u>TO</u>	Following creation of a Ranking Order for Summer Minimum	<u>Structured</u> email / paper	<u>138</u>	Ranking Order for the Summer Minimum edited to protect any sensitive User information
<u>479</u>	<u>22-1</u>	-	<u>3.4.1</u>	<u>NGET</u>	<u>TO</u>	Following creation of a Ranking Order for Summer Minimum	Unstructured email / paper	<u>1. 139</u> <u>2. 211</u> <u>3. 212</u>	1. NETS Demand Forecast for each year2. Estimate of losses for each year3. Demand Forecast for each Transmission Licence area
<u>480</u>	<u>22-1</u>	-	<u>3.4.2</u>	<u>NGET</u>	<u>TO</u>	Following disagreement of the Ranking Orders or demand forecasts	<u>Unstructured</u> email / paper	<u>1. 138</u> <u>2. 139</u> <u>3. 212</u>	1. Redraft Ranking Order         2. Redraft NETS Demand         Forecast         3. Redraft Demand Forecast for         each Transmission Licence area
<u>481</u>	<u>22-1</u>	-	<u>3.4.3</u>	<u>TO</u>	<u>NGET</u>	TOs shall exchange PLDs in respect of proposed network configuration changes	Unstructured email / paper	<u>63</u>	Project Listing Document
<u>482</u>	<u>22-1</u>	-	<u>3.4.4</u>	<u>TO</u>	<u>NGET</u>	Following exchange of PLDs, TO shall submit TO Models to NGET	Unstructured email / paper	<u>217</u>	TO Model for each year

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Transfer <u>Ref</u>	Lead STCP <u>Ref</u>	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> <u>Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> <u>Reference</u>	Information
<u>483</u>	<u>22-1</u>	-	<u>3.4.6</u>	<u>TO</u>	<u>NGET</u>	Following receipt of comments from NGET	Unstructured email / paper	<u>1. 63</u> <u>2. 217</u>	1. Issue new PLDs 2. Revise and Resubmit TO Models
<u>484</u>	<u>22-1</u>	-	<u>3.4.11</u>	<u>NGET</u>	<u>TO</u>	Following the creation Summer Minimum NETS Investment Planning Models	Unstructured email / paper	<u>135</u>	relevant Summer Minimum NETS Investment Planning Model
<u>485</u>	<u>22-1</u>	-	<u>3.5.1</u>	NGET	<u>TO</u>	Following creation of a Ranking Order	Structured email / paper	<u>138</u>	Ranking Order edited to protect any sensitive User information
<u>486</u>	<u>22-1</u>	-	<u>3.5.1</u>	<u>NGET</u>	<u>TO</u>	Following creation of a Ranking Order	Unstructured email / paper	<u>1. 139</u> <u>2. 211</u> <u>3. 212</u>	1. NETS Demand Forecast for each year         2. Estimate of losses for each year         3. Demand Forecast for each Transmission Licence area
<u>487</u>	<u>22-1</u>	-	<u>3.5.2</u>	<u>NGET</u>	<u>TO</u>	Following disagreement of the Ranking Orders or demand forecasts	<u>Unstructured</u> email / paper	<u>1. 138</u> <u>2. 139</u> <u>3. 212</u>	1. Redraft Ranking Order         2. Redraft NETS Demand         Forecast         3. Redraft Demand Forecast for         each Transmission Licence area
<u>488</u>	<u>22-1</u>	-	<u>3.5.3</u>	<u>TO</u>	<u>NGET</u>	TOs shall exchange PLDs in respect of proposed network configuration changes	Unstructured email / paper	<u>63</u>	Project Listing Document
<u>489</u>	<u>22-1</u>	-	<u>3.5.4</u>	<u>TO</u>	<u>NGET</u>	Following exchange of PLDs, TO shall submit TO Models to NGET	Unstructured email / paper	<u>217</u>	TO Model for each of the seven years
<u>490</u>	<u>22-1</u>	-	<u>3.5.6</u>	<u>TO</u>	<u>NGET</u>	Following receipt of comments from NGET	Unstructured email / paper	<u>1. 63</u> <u>2. 217</u>	1. Issue new PLDs 2. Revise and Resubmit TO Models
<u>491</u>	<u>22-1</u>	-	<u>3.4.10</u>	NGET	<u>TO</u>	Following the creation of the Preliminary NETS SYS Models	Unstructured email / paper	<u>135</u>	relevant Preliminary NETS SYS Model

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Transfer <u>Ref</u>	Lead STCP <u>Ref</u>	Related STCP Ref	Paragraph Reference - bold refers to Lead STCP reference	<u>From</u> Party	<u>To</u> Party	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item</u> Reference	Information
<u>492</u>	<u>22-1</u>	-	<u>3.6.4</u>	<u>TO</u>	<u>NGET</u>	In timescales agreed in the SYS Study Guidelines	Unstructured email / paper	<u>217</u>	compliant TO Model for each of the seven years
<u>493</u>	<u>22-1</u>	-	<u>3.6.5</u>	<u>TO</u>	<u>NGET</u>	Following receipt of comments from NGET	<u>Unstructured</u> per	<u>1. 63</u> <u>2. 217</u>	1. Issue new PLDs 2. Revise and Resubmit TO Models
<u>494</u>	<u>22-1</u>	-	<u>3.6.9</u>	<u>NGET</u>	<u>TO</u>	Following the creation of the Final Compliant NETS SYS Models	Unstructured email / paper	<u>135</u>	relevant Final Compliant NETS SYS Model
<u>495</u>	<u>22-1</u>	-	<u>3.7.2</u>	<u>TO</u>	NGET	When schemes are confirmed (or confirmed schemes postponed or cancelled)	Unstructured email / paper	<u>1. 63</u> <u>2. 217</u>	1. Updated PLD 2. Updated TO Model
<u>496</u>	<u>22-1</u>	-	<u>3.7.2</u>	<u>NGET</u>	<u>TO</u>	Following receipt of updated PLD and updated TO Model from TO	Unstructured email / paper	<u>1. 135</u> <u>2. 138</u>	1. Reissue relevant NETS Model to relevant TO 2. Update Ranking Order
<u>497</u>	<u>22-1</u>	-	<u>3.7.4</u>	<u>NGET</u>	<u>TO</u>	Following convergence of base case models	Unstructured email / paper	<u>135</u>	Reissue NETS SYS quarterly models
<u>498</u>	<u>22-1</u>	-	<u>3.8.1</u>	<u>NGET</u>	<u>TO</u>	Following a NGET Construction Application	Unstructured email / paper	<u>1. 129</u> <u>2. 138</u>	1. Construction Planning Assumptions 2. Contracted Generation Ranking Order
<u>499</u>	<u>22-1</u>	-	<u>3.9.4</u>	<u>NGET</u>	<u>TO</u>	Following a requirement for a new site location code	Structured email / paper	<u>191</u>	update for Data Lookup Tables
<u>500</u>	<u>22-1</u>	-	<u>3.9.6</u>	<u>NGET</u>	<u>TO</u>	Following receipt of comments from NGET	Structured email / paper	<u>191</u>	re-submit update for Data Lookup Tables

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# <u>Data List</u>

Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
1	TO Site Specific Charges	<u>A schedule of the expected connection</u> <u>charges from TO owned post vesting</u> <u>connection assets</u>	TO Date Financial Year Month Customer Site Post Vesting Connection Assets Expected Charge	-	-
2	Update TO New Connection Income Schedule - Current Financial Year	An update to the expected connection charges from TO owned post vesting connection assets following changes notified or agreed with the User	TO Date Financial Year Month Customer Site Post Vesting Connection Assets Expected Charge Update	-	<u>No longer deemed</u> <u>necessary</u>

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# Issue 3<u>4</u> – 07<del>xx/12xx/2009</del>31/01/2006

Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>3</u>	Expansion Constant Cost and Population Information for Transmission Overhead Lines and Cables	Typical cost in specified price base of providing one kilometre of the common types of 400kV, 275kV, and 132kV overhead line and cable, together with the number of kilometres of each type currently installed. The costs will include all construction, installation and engineering costs.	TO YearCosts in £/Km400kV - Overhead Line Typical Cost400kV - Cable Typical Cost275kV - Overhead Line Typical Cost275kV - Cable Typical Cost132kV - Overhead Line Typical Cost132kV - Cable Typical Cost132kV - Km of Overhead Line Installed400kV - Km of Cable Installed275kV - Km of Cable Installed132kV - Km of Cable Installed132kV - Km of Overhead Line Installed132kV - Km Cable Installed	-	<u>No longer deemed</u> <u>necessary</u>
4	Forecast Total TO Maintenance Costs for Connection Assets	Forecast of total TO maintenance costs for connection assets for the following Financial Year. Maintenance activities are as defined in the Statement of Connection Charging Methodology.	<u>TO</u> <u>Year</u> <u>Forecast Cost of Maintaining Connection Assets</u> Forecast of General Transmission Operating Cost	-	<u>No longer deemed</u> <u>necessary</u>
5	Site Specific Maintenance Cost	The monetary amount of the reconciliation of Site Specific Maintenance charges between TO and NGET	<u>TO</u> <u>Date</u> <u>Year</u> <u>Direct Maintenance Costs</u> <u>Non-asset Specific Overheads</u>	-	<u>No longer deemed</u> necessary

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# Issue <u>34</u> – <u>07xx/12xx/2009</u>31/01/2006

Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>6</u>	NGET Connection Application	The application form required to be submitted by the applicant for new connection.	See Schedule 5 of the STC	-	-
2	Affected Party Contact Details	Information identifying the contact of an Affected Party for an application for connection or modification.	<u>Scheme Number</u> <u>Affected Party Lead Party</u> <u>Affected Party Telephone Number</u> <u>Affected Party Email Address</u>	-	-
<u>8</u>	Predicted Generation and Demand Backgrounds	Estimated Generation and Demand backgrounds	Ranking Order (see separate entry 138) Demand Totals (see separate entry 139)	-	No longer deemed necessary
2	Schedule of Works	<u>A file that lists all connection assets</u> <u>and attributes required, a description of</u> <u>one-off works and a description of</u> <u>infrastructure works.</u>	Overhead Line Type <u>Tower Type</u> <u>Tower Composition</u> <u>Tower Length</u> <u>Tower Nominal Rating</u> <u>Cable Type</u> <u>Cable Nominal Rating</u> <u>Cable Length</u> <u>Transformer Type</u> <u>Transformer Voltage</u> <u>Transformer Nominal Rating</u> <u>Switchgear Type</u> <u>Switchgear - Air or Gas Insulated</u> <u>Switchgear - Indoor or Outdoor</u>	-	No longer deemed necessary - exchanged data items as described in Appendix B7 18-1 - see 205
<u>10</u>	Charging Information Requirements	A spreadsheet listing all Transmission Connection Assets and attributes required	See Appendix B5 STCP18-1	Appendix B5 STCP18-1	-

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# Issue 3<u>4</u> – 07<del>xx/12xx/2009</del>31/01/2006

<u>Data</u> <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
11	Outage Schedule	The schedule of outage requirements	Asset Reference Date From Date To Outage Period Outage Date Flexibility	-	<u>No longer deemed</u> necessary
<u>12</u> <u>13</u>	<u>TO Construction Offer</u> <u>Charging Consultation Data</u> <u>Request Notification</u>	An offer made by a TO to NGET A notice that NGET will be requesting data to enable the charging consultation	See Schedule 8 of the STC <u>NGET Contact Name</u> <u>Notification of Planned Charging Consultation</u> <u>Requiring Data</u>	-	- <u>No longer deemed</u> <u>necessary -</u> <u>superseded by Data</u> <u>Item 3</u>
<u>14</u>	Charging Consultation Data Request	<u>A request form detailing the data</u> requirements to enable the charging <u>consultation</u>	See Appendix B STCP 14-2	Appendix B 14-2	-
<u>15</u>	Customer Query Request and Response	<u>A request for assistance of the TO to</u> help in the response to a customer query and the subsequent acknowledgement.	Request Number         TO Contact Name         NGET Contact Name         Date of Request         Date Response Required         User Concerned         Site         Details of Enquiry (free text)	-	-
<u>16</u>	Indemnity Proposal	A proposal identifying the works and the associated proposed indemnity.	See Appendix B3 STCP 18-1	<u>Appendix B3 18-</u> <u>1</u>	-

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# Issue 34 – 07xx/12xx/200931/01/2006

<u>Data</u> <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>17</u>	Indemnity Offer Request	<u>The request for an Indemnity Offer that</u> <u>outlines the constraints under which the</u> <u>Indemnity Offer is to be submitted</u>	<u>Proposal Number</u> <u>Details of Work</u> <u>Period of Indemnity Cover</u> <u>Special Terms (free text)</u>	-	-
18	Indemnity Offer	<u>The offer document setting out the</u> <u>terms of the indemnity</u>	Proposal Number Nature and Value of Work (free text) Period of Indemnity Cover Indemnity Signature Required By Date Special Terms (free text) TO Signature	-	-
<u>19</u>	Indemnity Agreement Status Report	Status of the Indemnity Agreement during the period of the indemnity	See Appendix B5 STCP 18-1	<u>Appendix B5 18-</u> <u>1</u>	-

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
20	Disaster Recovery Plans	Details of contingency plans to cope with events to maintain the capability to monitor and operate the transmission system.	Party Date of Plan Emergency Control Centre Location Estimated Time to Evacuate Emergency Control Centre Emergency Control Centre Phone Number(s) Emergency Control Centre Fax Number(s) Disaster Recover Plan Other Details (free text)	-	-
21	Contingency Communication and Contact Details	Information to enable communication to be made and contact details of the disaster recovery site	Party Date Date of Change of Control Centre Control Centre Change Statement (free text) Control Centre Location Control Centre Telephone Number(s) Control Centre Fax Number(s)	-	-
22	SIC Communication and Contact Details	Information to enable communication to be made and contact details of the system incident centre	See Appendix B STCP 6-3	Appendix B STCP6-3	-
<u>23</u>	Media Statement	A statement produced to inform the media	Date Media Statement Details (free text)	-	-
24	Risk of Serious Disturbance	<u>A statement that details a risk that a</u> <u>serious disturbance may affect the</u> <u>transmission system</u>	Party Date Risk of Serious Disturbance Date Risk of Serious Disturbance Time Risk of Serious Disturbance Details (free text)	-	-
<u>25</u>	SIC Stand-down	Notification of the standing down of an <u>SIC</u>	See Appendix C STCP 6-3	Appendix C STCP6-3	-

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# Issue 3<u>4</u> – 07<del>xx/12xx/2009</del>31/01/2006

Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
26	<u>Transmission Status</u> <u>Certificate</u>	A certificate that formally sanctions the release of Plant and / or Apparatus, or for activities such as complex re- configuration, transferring operational authority to the relevant TO for Operational Switching in accordance with an agreed Switching Method. Also used for the Return Transmission Service Certificate and the Isolation Transmission Certificate	See Appendix C STCP1-1. STCP 1-1 Appendix B provides a full explanation of the form	<u>Appendix C</u> <u>STCP1-1</u>	-
27	<u>NGET Daily Charge-out</u> <u>Rates</u>	NGET average charge out rates by grade and fixed price application charge for following Financial Year to be included in the Statement of Use of System Charges	<u>Financial Year</u> <u>Resource Type</u> <u>Daily Charge-out Rate</u> <u>Application Fixed Price</u>	-	-
28	TO Components of Fixed Price Application Fee	TO forecast of their portion of the fixed price application fee and matrix for following Financial Year	TO Financial Year Resource Type Application Type Number of days for Application analysis Daily Charge-out Rate	-	-

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<u>Data</u> <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>29</u>	<u>NETSO Forecast of</u> <u>chargeout fees and matrix</u> <u>of application fees</u>	NETSO Schedule of daily charge-out rates by grade and matrix of Application Fees for following Financial Year	Financial Year Resource Type Application Type Number of days for Application analysis Daily Charge-out Rate	-	<u>No longer deemed</u> <u>necessary</u>
<u>30</u>	Application Fee Discrepancy Information	Details of discrepancy in Application fee applied	<u>Scheme Number</u> <u>Applicant</u> <u>Site</u> Fee Discrepancy Details (free text) Updated TO Fee	-	-
31	<u>Acceptance / Cancellation</u> of offer	Formal notification that customer has cancelled its application or signed offer	<u>Scheme Number</u> <u>Applicant</u> <u>Site</u> Date of signing / cancellation	-	-
32	Outturn Information	Details of outturn application charge	<u>Scheme Number</u> <u>Applicant</u> <u>Site</u> <u>Application charge details up to point of cancellation</u> <u>/ signing of offer</u> <u>Grades and Mandays by Financial Year</u>	-	-

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
33	Application Refund Invoice	Invoice for Application refund relating to TOs portion only	From         Contact Details         To         Invoice Reference         Scheme Number         Applicant         Site         Amount of Fee Including Agreed Reductions         Excluding VAT         VAT         Bank Sort Code         Bank Account Number	-	-
<u>34</u>	Application Fee Status Report	Application Fee Status Report	TO Applicant Scheme NumberProject Location Size Signed Offer Date/ Cancellation Date Fee Type (Fixed or Variable) Fee Received Exc VAT Reconciled Fee Exc VAT Feasibility Study Fee Reduction Exc VAT Completion Date Forecast Repayment Date Actual Repayment Date	-	-

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	Standard Data Attributes	<u>Proforma</u>	<u>Notes</u>
35	Application Fee Discrepancy Details	Application Fee Status Report Discrepancies	Applicant Scheme Number Application Fee Discrepancy Details (free text)	-	-
<u>36</u>	Final Project Report	<u>A report that is produced at the</u> <u>conclusion of a scheme.</u>	See Section 7.3.2 STCP19-2	-	-
37	Notification of Closure	Notification of Closure	Scheme Number Date NGET Contact Notification of Closure Statement (free text)	-	No longer deemed necessary
38	Final Project Report Acceptance	Final Project Report Acceptance and outcome of reconciliation with User	Scheme Number Date NGET Contact Final Project Report Statement (free text)	-	No longer deemed necessary
<u>39</u>	TO Termination Notice	TO Termination Notice	Construction Agreement Details (free text) <u>Termination Date</u> <u>Termination Details (free text)</u>	-	No longer deemed necessary
40	Statement of Final Sums	Statement of Final Sums	Scheme NumberCosts Incurred Evidence (free text)Costs Incurred InterestCosts Paid Evidence (free text)Costs Paid InterestCosts Committed Evidence (free text)Costs Committed InterestTO Conclusion Statement (free text)TO Conclusion Statement Signatory	-	-

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>41</u>	Termination Report	Termination Report	Scheme Number         Site Address         Date of Termination         Estimated Cost and Evidence of Costs of Removal of         Equipment         Estimated Cost and Evidence of Costs of         Disconnection         Estimated Cost and Evidence of Costs of Storage         Estimated Cost and Evidence of Costs of Storage         Estimated Cost and Evidence of Costs of making         good the site         Estimated Cost and Evidence of Costs of Other         Termination associated elements         Assets for which Termination Amounts are Payable         Assets to be re-used at same Connection Site         Assets to be re-used elsewhere in National Electricity         Transmission System         Assets which are to be desposed or made redundant         Outstanding Works and programme for their         completion         Other agreement consideration         Disconnection and removal of assets timescales         De-commissioning timescales         Environment Issues         Consent Issues         Consideration of removal of communications		

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	Standard Data Attributes	<u>Proforma</u>	<u>Notes</u>
<u>42</u>	Notification of Termination Amounts	Notification to TO of Termination Amounts	Scheme Number NGET Contact Date Bilateral Agreement Details (free text) TO's element of Termination Amounts	-	No longer deemed necessary
<u>43</u>	SYS Feedback	Comments from TO to NGET on previous SYS publication	<u>TO</u> <u>SYS Reference Year</u> <u>Comments on NGET SYS Contribution (free text)</u>	-	No longer deemed necessary
44	SYS Feedback Response	Response from NGET to stakeholder comments on SYS	Stakeholder Response to SYS (free text)	-	-
45	NETS SYS Form Outline	An outline of the form that the SYS will take including the TO deliverables as presented by NGET. The document will outline the sections, appendices and tables that will form the Final SYS document	SYS Form Outline Document (free text)	-	-
46	Comments	Comments form returned on information provided	Reference Information         From Party         To Party         From Party Contact         To Party Contact         Date         Comments (free text)	-	-
<u>47</u>	Authority Conclusions on the SYS Form	Conclusions from Authority on the draft SYS Form and stakeholder comments	SYS Form Authority Conclusions (free text)	-	No longer deemed necessary

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Data Item	<u>Item Name</u>	Item Description	Standard Data Attributes	<u>Proforma</u>	<u>Notes</u>
Reference					
<u>48</u>	Study Guidelines	Document outlining how SYS studies should be performed. The information will include definitions, assumptions, business rules and guidance	Study Guidelines Details (free text)	-	-
<u>49</u>	Draft Guideline Comments	Comments on the Draft Study Guidelines presented by NGET	Draft Study Guideline Comments	-	No longer deemed necessary
<u>50</u>	Approval of Guidelines and SYS Programme	Notification that the revised guidelines submitted by NGET following Authority consideration are approved	Approval of Guidelines and SYS Programme Statement	-	No longer deemed necessary
<u>51</u>	SYS Form Commentary	Commentary provided by the TO on the SYS Form	<u>TO</u> <u>Date</u> <u>SYS Form Commentary (free text)</u>	-	No longer deemed necessary
52	Reactive Compensation requirements	Reactive compenasation equipment identified to be required on the network	TO Date Year Required Indicative Equipment Type (e.g. SVC, MSC etc) Capacative or Inductive Rating Indicator Mvar Range Point of Connection (elcetrical location and system voltage)	-	-
<u>53</u>	Networks analysis output and relevant text	Networks analysis output and relevant text. This will be carried out in a form determined by the Study Guidelines.	TO Date Network Analysis and Relevant Text (free text)	-	-
<u>54</u>	Draft SYS sections	Draft SYS sections	Draft SYS (free text)	_	_

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>55</u>	Formal Approval of SYS	Company letter approving the SYS document	<u>Company Name</u> <u>Date</u> <u>Approval Statement (free text)</u> <u>Signature</u> <u>Company Contact</u>	-	-
56	Extension to Timescales Notification	Written notification of timescale extension	NGET Contact TO Contact Scheme Number Notification of Agreed Timescale Extension Statement (free text)	-	No longer deemed necessary - application always made to the Authority and not to a Party
57	Notification of slippage	Written notification of slippage in programme	Scheme Number Notification of Slippage Expected Slippage Period Other Information (free text)	-	<u>No longer deemed</u> <u>necessary</u>
58	DNO Network Data Request	DNO Network data required to process an NGET System Construction Application. This is extracted from DRC Schedule 5 of the Grid Code	DNO Network Data Requirement Details (free text)	-	-
<u>59</u>	DNO Network Data	DNO Network data as requested	Scheme Number NGET Lead Person DNO Network Data As Required for Application (free text)	-	-

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>60</u>	Boundary of Influence Document	Details the boundaries within which a Party has an interest in connection developments. Schedule 4 of the STC	See Schedule 4 of STC	-	-
<u>61</u>	Study Data File	Study results on selected circuits	Contingency Identifier Loadflow (MW flow for identified circuits) Short Circuit (Fault current at a node and contributary in-feeds, if needed) Voltage (at each node) System Stability Result Details (free text)	-	No longer deemed necessary
<u>62</u>	<u>TO Investment Planning</u> <u>Network</u>	<u>Updated TO Investment Planning</u> <u>Network. SPT and SHETL provide</u> <u>datasets as produced by PSS/E.</u>	<u>As Datasets</u>	-	<u>No longer deemed</u> <u>necessary</u>
<u>63</u>	Project Listing Document	Project Listing Document	See Appendix B STCP16-1	<u>Appendix B</u> <u>STCP16-1</u>	-

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Data <u>Item</u> <u>Referen</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>64</u>	<u>Operational Assessment</u> <u>Report</u>	<u>A report that provides an analysis of</u> <u>the operational impact based on the</u> <u>project listings</u>	Report Number         Date/Issue         Construction Phase Constraint Costs         Estimate Enduring Constraint Costs         Problematic Outages         Outage Combinations         Problematic Transmission Reinforcements         Operational Complexity Issues         Customer Impact Outages         Report Details (free text)	-	-
<u>65</u>	Instruction to Proceed	Letter to proceed construction resulting from a TO Construction Offer, an Indemnity Agreement or an infrastructure option development	Scheme Number Offer Acceptance Data or Indemnity Agreement Date Offer Acceptance or Indemnity Agreement Statement (free text) Authorised Signature	-	<u>No longer deemed</u> <u>necessary</u>

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	Standard Data Attributes	<u>Proforma</u>	<u>Notes</u>
<u>66</u>	Stage -by-Stage Document	Detailed proposals for each stage of the works in accordance with the agreed timetable and Project Listing	Construction Project Identifier Scheme Numbers Assets which are live Assets which are dead : and Assets which are being worked on Contingency arrangements if required (free text) Assets to be commissioned on Stage Completion Assets to be De-commissioned on Stage Completion Stage-by-Stage Diagrams Outage Statement (free text)	-	-
<u>67</u>	Acceptance / Rejection Notice	Notice of acceptance or rejection of outage proposals and stage by stage documents	Scheme Number Date Stage-by-stage Doument Acceptance/Rejection Indicator Rejection Reason Outage Proposals Acceptance/Rejection Indicator Rejection Reason	-	<u>No longer deemed</u> <u>necessary</u>
<u>68</u>	TO Infrastructure Construction Programme	The construction schedule compliant with the Initial Project Meeting developed for each Investment Planning Construction Programme	See Section 6.2.2 STCP19-2	-	-

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>69</u>	Exchange Acknowledgement Form	<u>Acknowledgement Form exchanged</u> <u>between STC Parties to confirm</u> <u>acceptance / rejection of an exchange</u>	See Appendix B STCP12-1	Appendix B STCP12-1	-
<u>70</u>	Consents Confirmation Form	Confirmation that consents have been obtained	Scheme Number Details of consents Including Caveats	-	No longer deemed necessary
<u>71</u>	Consents Progress Reports	Consents Progress Reports	See Appendix B STCP19-2	Appendix B STCP19-2	-
<u>72</u>	Construction Progress Report	Construction Progress Reports	See Appendix B STCP19-2	Appendix B STCP19-2	-
<u>73</u>	Final Sums Reports	Final Sums Reports	See Appendix D STCP19-2	Appendix D STCP19-2	-
<u>74</u>	Outage Proposal	<u>A request for an outage booking</u>	Asset Reference Outage Booking Type Work content/phasing Date From Date To Outage Duration ERTS Outage Date Flexibility Firm Placement Date Requirement Indicator Generator Outage Dependency Dates Other Information		-

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
75	Local Joint Restoration Plan	Detail of the agreed method and procedures the TO will use to restore parts of the transmission network and coordinate the actions of Black Start Station gensets.	LJRP Reference         Issue Number         Date LJRP Updated         Black Start Station(s)         Gensets at Black Start Stations         Non-Black Start Stations         Gensets at Non-BlackStart Stations         TO Affected         TO Sites Affected         NGET Requirement in BlackStart (free text)         TO Requirement in Black Start (free text)         Other information (free text)         NGET Signatory         TO Signatory         Date of Implementation	-	-
76	Service Restoration Proposal	Service Restoration Proposal	Event Id <u>Transmission Service id</u> <u>Service Restoration Proposal Detail (free text)</u>	-	The Transmission Service id is used to describe the Unique Circuit Name/Reference or site id, for example.

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
77	<u>STCP IR</u>	Request / response form for information. The Information Required item can be used as a request for information including reasons for suc a request where the exchange requires such information	See Appendix B STCP12-1	<u>Appendix B</u> <u>STCP12-1</u>	-
78	Notifcation Form	<u>A generic form that allows a party to</u> provide notice or acknowledgement of information	Date From To Notification Statement (free text)	-	-
<u>79</u>	SIR	Supplementary Information Request Form	See Appendix B STCP12-1	-	-
80	Scheme Briefing Note	<u>A document that details the progress of</u> <u>a construction project. The proforma</u> <u>in Appendix B1 of STCP 18-1 details</u> <u>the attributes within this Item</u>	See Appendix B1 STCP18-1	<u>Appendix B1</u> <u>STCP18-1</u>	-
<u>81</u>	Connection Infrastructure Options Note	A document that details the connection options of a construction project.	See Appendix B2 STCP18-1	Appendix B2 STCP18-1	-

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
82	Invoice	Invoice/Credit note for payment as required	From Contact Details To Date Payment Details (free text) Charge Details (free text) Reference Purchase Order Number Amount Excluding VAT VAT Bank Sort Code Bank Account Number	-	-

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<u>Data</u> Item ference	<u>Item Name</u>	Item Description	Standard Data Attributes	<u>Proforma</u>	<u>Notes</u>
	De-Synchronised Island Procedure (DIP)	De-Synchronised Island Procedure (DIP)	TO       Contact         TO Contact       TO Signatory         NGET Signatory       NIGET Signatory         DIP Issue Number       DIP Date of Implementation         User       User Site         Indirect Data Method Indicator       Indirect Data Method Indicator         Direct Data Method Indicator       Direct Data Method Indicator         Direct Data Method Indicator       Control Features Method Indicator         Control Features Method Conditions (free text)       Requirements of NGET Statement (free text)         Requirements of TO Statement (free text)       Requirements of Statement (free text)         Requirements of User Statement (free text)       Action Taken in Uncovered Circumstances Statement (free text)         Action Taken in Uncovered Circumstances Statement (free text)       Action Taken in Uncovered Circumstances Statement (free text)         Available Generation       Generation Arrangements (free text)         Voltage Control Analysis (free text)       Voltage Control Analysis (free text)         Contingency Arrangements (free text)       Contingency Arrangements (free text)         Control Features       Method         Dub Update Frequency       Dither Information (free text)         In Addition DIP transferred by wav of a DIOC:       Generator BMU         BMU MW       Bock Load/Free Govermor Action Indicator		

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>84</u>	Changes to DIP	Details of change requirements	<u>TO Contact</u> <u>NGET Contact</u> <u>DIP Issue Number</u> <u>Change to DIP Statement (free text)</u>	-	-
<u>85</u>	DIOC	De-Synchronised Island Certificate	See Appendix A STCP6-2	<u>Appendix A</u> <u>STCP6-2</u>	-
<u>86</u>	Outage Plan Data	Outline Plan based on TO outage definitions for all accepted known construction and maintenance works for Year Ahead.Where the information relates to transmission system outages the information provided will only contain outage information within the TO's own transmission area and the TO's "zone of influence".Where information relates to User outages only that which connects to the TO's transmission system will be provided and that have a direct operational interaction with planned TO actions.	Basic Data Reference         Outage Equipment Description         Branch assets         Substations involved         SO Significance         External Interested parties         NETSO interested parties         TO interested parties         Operational Comments (free text)         Licensed Area         Valid from         Valid To         Equipment Owner         Basic Group         Free Codes         Tower refs         Outage Type         Demand at risk	-	

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
87	Detailed Outage Data	Details of all core and non-core outage proposals and new proposals for construction and maintenance. Where the information relates to transmission system outages the information provided will only contain outage information within the TO's own transmission area and the TO's "zone of influence". Where information relates to User outages only that which connects to the TO's transmission system will be provided and that have a direct operational interaction with planned TO actions.	Basic Reference         Additional Outage description (free text)         Outage Number (to be detailed in TOGA SIS)         Detail of Work (free text)         Requested By         TO priority         TO comments (inc. flexibility) (free text)         Proposed Start Date         Proposed End Date         Proposed End Time         APA Date & Time         Duration         Outage Window Start         Outage Window Start         Outage Window End         ERTS Night         TO Person         Outage Code 1         Outage Code 2         Outage Code 3         Outage Code 4         CD         Service         Change description (free text)         NGET conments (free text)         NGET Contact         Agreed Sart         Agreed End         Operational Comments         Request batch No.         Plan outage Start         Prane         Prane         Outage Code         Outage Code         Outage Code 3         Outage Code 4         CD         Service         Rameet Sart		

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Data <u>Item</u> <u>Reference</u>	Item Name	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
88	Asset Nomenclature Change Notice	Notice setting out proposed changes to numbering and/or nomenclature of Plant and Apparatus	Party Date Asset Nomenclature Change Effective Date Plant/Apparatus Reference Asset Nomenclature Change Details (free text)	-	-
<u>89</u>	STCP10-1 Appendix A	Proforma developed for changes to asset nomenclature and numbering	-	-	No longer deemed necessary
<u>90</u>	STCP10-1 Appendix B	Spreadsheet developed for changes to asset nomenclature and numbering	-	-	No longer deemed necessary
<u>91</u>	Substation Drawing	Diagram of substation(s) where changes have been made	-	-	No longer deemed necessary
92	ICCCR Extract	Relevant parts of technical schedules extracted from ICCCR and submitted by the User. The extracts will include all updates to NETS Grid Code DRC Data, network models and excitation models.	Site Specific Technical Conditions (free text)	-	-
<u>93</u>	Contact Details	Contact details for liaison between STC Parties	Party Contact Name Contact Email Contact Telephone Number(s)	-	-

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<u>Data</u> <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
94	Connection Site Specification	Document relating to the specification details of a site being connected to the transmission system	CUSC Appendix A Information CUSC Appendix C Information CUSC Appendix F1 Schedule Information CUSC Appendix F2 Schedule Information CUSC Appendix F3 Schedule Information CUSC Appendix F4 Schedule Information CUSC Appendix F5 Schedule Information	-	-
<u>95</u>	Energisation Notice	<u>A letter that indicates a User's</u> <u>readiness to energise User Equipment</u> <u>for the purpose of Commissioning such</u> <u>User Equipment</u>	See Appendix B STCP 19-3	Appendix B 19-3	-
<u>96</u>	Interim Operational Notification	Interim Operational Notification that acknowledges the work that has been carried out highlighting unresolved issues that prevent the issue of the Final Operational Notification	See Appendix C STCP 19-3	Appendix C 19-3	-
<u>97</u>	Schedule of Unresolved Compliance issues	Schedule of Unresolved Compliance issues	See Appendix D STCP 19-3	Appendix D 19-3	-
<u>98</u>	FCCCR extract	Relevant parts of technical schedules extracted from FCCCR and submitted by the User. The extracts will include all updates to NETS Grid Code DRC Data, network models and excitation models.	Site Specific Technical Conditions (free text)	-	-

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	Standard Data Attributes	<u>Proforma</u>	<u>Notes</u>
<u>99</u>	Final Operational Notification	Final Operational Notification that acknowledges the compliance of the Power Station	See Appendix B6 STCP19-3	Appendix B6 STCP19-3	-
<u>100</u>	Modification of Facilities Certificate	Required informtion following a change to non-primary equipment	See Appendix B STCP4-1	Appendix B STCP4-1	-
<u>101</u>	<u>Test Proposal</u>	<u>A proposal for carrying out tests.</u>	<u>Test Proposer</u> <u>Site</u> <u>Affected User</u> <u>Reason for test (free text)</u> <u>Contact name and number</u> <u>Tests procedure (free text)</u>	-	-
102	Detailed Tests Programme	Detailed proposal for User tests	See Appendix B STCP8-3	Appendix B STCP8-3	The submission may not be confined to the values defined in Appendix B of STCP8-3
103	Operational Safety Bulletin	<u>A document that informs the</u> <u>operational safety of Plant or</u> <u>Apparatus.</u>	Reference         Date         From         To         Reason For Issue (free text)         Any Actions Required         Affected Apparatus         Issued by Date	-	-

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Data Item Reference	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>104</u>	User information	Technical Limitations,operational restrictions and Safety Bulletins sent by User	-	-	<u>No longer deemed</u> <u>necessary</u>
105	Operational Capability Limit Record	<u>A record of the technical limits, as</u> <u>notified to NGET, that Transmission</u> <u>Services are capable of being provided</u>	See Appendix B STCP04-4	Appendix B STCP 4-4	-
<u>106</u>	Enhanced OCL Request Record	<u>A request and response to an</u> <u>enhancement of an OCL and the</u> <u>subsequent cancellation</u>	See Appendix C STCP04-4	Appendix C STCP 4-4	-
107	Data Co-ordinator Contact Sheet	Data Co-ordinator Contact Sheet	Party Exchange Role <u>Name</u> Telephone number Email address	-	-
108	Agreement for access	Agreement for SP access to NGET interface site to install/repair/replace data transmission equipment	-	-	No longer deemed necessary
109	Alarm Operational Information	Appropriate details associated with the equipment subject to a Class 1 or Class 2 Alarm	Plant identifier(s)         Condition of the associated Plant and Apparatus (free text)         Revision to Plant and Apparatus OCL         Location of Event associated with Class 1 Alarm         Estimated time for TO to attend appropriate site         Service Reduction Risk Apply Flag (yes/no)         Service Reduction Apply Flag (yes/no)         Other relevant information (free text)	-	-

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>110</u>	Notification of Change to Previously Provided Information	<u>A notice provided by a Party that</u> <u>informs another Party that previously</u> provided information has changed.	<u>Identifying Reference</u> <u>Change Details (free text)</u>	-	-
	Actual Connection Asset Maintenance Cost Template	A template that lists the sites and the level of disaggregation that NGET require to reconcile site specific maintenance charging. The level of disaggregation differs from year to year so the format of this data item cannot be defined.	Transmission Owner Financial Year Customer Site id Customer/Site Actual Direct Maintenance Cost (placeholder) Total Direct System Maintenance Cost (placeholder) Total System Maintenance Cost (placeholder)	-	<u>No longer deemed</u> <u>necessary</u>
112	Actual Connection Asset Maintenance Cost	The costs by site and in total at an aggregated level requested by NGET in their submission of Actual Connection Asset Maintenance Cost Template.	Transmission Owner         Financial Year         Customer         Site id         Customer/Site Actual Direct Maintenance Cost         Total Direct System Maintenance Cost         Total System Maintenance Cost	-	<u>No longer deemed</u> <u>necessary</u>
113	Schedule of TO Connection Assets	<u>A list of sites of all connection assets</u> <u>owned by the TO that are currently</u> <u>included in the relevant Appendix A of</u> <u>each Bilateral Connection Agreement</u>	<u>Transmission Owner</u> <u>Financial Year</u> <u>Site Id</u> <u>Asset Ids</u>	-	<u>No longer deemed</u> <u>necessary</u>

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<u>Data</u> <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>114</u>	Audit Consistency Confirmation Statement	<u>A statement provided by the instigating</u> party in a data consistency audit that the data being checked is or is not consistent.	<u>Audit Consistency Consistency Indicator</u> <u>Evidence of Inconsistency (free text)</u> <u>Recoverable Action Statement (free text)</u>	-	-
115	Duty Manager Contact Details	The contact details of NGET and TO Duty Managers.	Party Duty Manager Name Duty Manager Telephone Number Duty Manager Fax Number Duty Manager Email Address Duty Manager Address	-	-
116	Numbering and Nomenclature Standards	The asset numbering and nomenclature standards adopted and recorded by NGET and TOS.	As agreed between Parties	-	-
117	Application Fee Enquiry	<u>A request made to ascertain the details</u> of the application fee.	<u>Scheme Number</u> <u>Applicant</u> <u>Site</u> <u>Request for confirmation of fee or fee reduction in</u> <u>respect of TO's fee details (free text)</u> <u>Special terms details (free text)</u>	-	-
118	Application Fee Enquiry Response	<u>A response made to a request for</u> <u>confirmation or reduction in respect of</u> <u>TO's fee</u>	<u>Scheme Number</u> <u>Site</u> <u>Confirmation of fee or fee reduction in respect of</u> <u>TO's Fee Excluding VAT</u> <u>Special terms details (free text)</u>	-	-

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
119	Competency of Application	Notification of the competency of an application. In the event that an application is non-competent the TO will provide the reason for this.	Affected Party TO Lead Person NGET Lead Person Scheme Number Competency Statement (free text) Reason for Non-competency (free text)	-	-
120	NGET Modification Application	The application required to be submitted by the applicant for modification to an existing connection.	See Schedule 6 of the STC	-	-
121	Non-competent Application	Notification of an application that is considered by NGET to be technically non-competent	<u>Scheme Number</u> <u>NGET Lead Person</u> <u>Reason for Non-competency (free text)</u> <u>Missing Data Details (free text)</u>	-	<u>No longer deemed</u> <u>necessary - see item</u> <u>119</u>
122	Competency Letter to Applicant	Copy of letter of competency sent to Applicant providing the date by which an offer is made	Scheme Number Offer to Customer Proposed Date	-	<u>No longer deemed</u> <u>necessary</u>
<u>123</u>	Construction Planning Assumptions Not Required Notice	Notification that for an Application there is no requirement to supply Construction Planning Assumptions	<u>Scheme Number</u> <u>NGET Lead Person</u> <u>Construction Planning Assumptions Not Required</u> <u>Notice (free text)</u>	-	-
124	Revised TO Construction Offer Requirement	Notification that a revised TO Construction Offer is required following the carrying out of detailed system studies	<u>Scheme Number</u> <u>NGET Lead Person</u> <u>Revised TO Construction Offer Notice Details (free</u> <u>text)</u>	-	-

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
125	<u>Real Time Data</u> <u>Information</u>	Data Items contained on the real time data spreadsheet	Sub-station         Display Digits         Engineering Units         Exdesc         Point Id         Point Source         Point Type         Record No         Span         Step         Typical Value         Zero	A sample of a Real Time Data Spreadsheet is contained in Appendix C of STCP4-1	-
126	Operation Diagrams	The Operation Diagram shall include all HV Apparatus and the connections to all external circuits and incorporate numbering, nomenclature and labelling, as set out in OC11. The nomenclature used shall conform with that used on the relevant Connection Site and circuit. The Operation Diagram (and the list of technical details) is intended to provide an accurate record of the layout and circuit interconnections, ratings and numbering and nomenclature of HV Apparatus and related Plant. Diagrams should indicating physical site layout within Substations	Diagram	-	-

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<u>Data</u> <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>127</u>	Datalink Proposed Outage	Information pertaining to a proposed outage up to another Party's interface.	Outage Reference Number Proposed Outage Dates Outage Content (free text) Datalink Operational Impact (free text) Other Details (free text)	-	-
128	<u>System Construction</u> <u>Application</u>	A system construction application submitted by NGET to a TO following application made by an Embedded Generator, Small Power Station Trading Party or a Distribution Interconnector Owner for Use of System	See Schedule 7 of the STC	-	-

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
129	Construction Planning Assumptions	Comprises Generation and Demand Backgrounds, NETS Network Model and other specific planning assumptions for each specific scheme	Contracted Generation Position         Rank         BM Unit         Station         Connection Node         Fuel Type         FLOP Zone         Registered Capacity         Apportioned TEC (MW)         Cumulative TEC (MW)         SYS Demand         GSP/BSP Demand Scaled to match National Forecast         Node         Peak Demand (MW)         Network Model         see Data Item 130         Generator Dynamic Characteristics         see Schedule 1 of Grid Code         Relevant Distribution Network Data to "sub         transient voltage level"         see Grid Code DRC Schedule 5         Other Information         Assumptions (free text)		

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
130	<u>Datasets</u>	A model showing interconnectivity between the nodes on the Transmission System but not necessarily a correct representation of demand and generation. SPT and SHETL provide datasets as produced by PSS/E. NGT provide datasets as produced by ELLA	As PSS/E and ELLA datasets	-	-
131	Application Programme (Draft) Confirmation	<u>A notice made to confirm or</u> <u>recommend amendment to the draft</u> <u>Application Programme</u>	TO         Date         Application Programme Reference         Confirmation of Draft Application Programme         Indicator         Amendment to Draft Application Programme Details         (free text)	-	-
<u>132</u>	Applicant Provided Data	Data provided by the Applicant to assist in the compilation of an Offer.	Scheme Number NGET Lead Person Applicant Data as Requested	-	-
<u>133</u>	Site Specific Technical Conditions	Site Specific Technical Conditions	<u>TO</u> <u>Scheme Number</u> <u>Site</u> <u>Technical Conditions Detail (free text)</u>	-	No longer deemed necessary
<u>134</u>	Outline Scope of Works	Outline Scope of Works	<u>TO</u> <u>Scheme Number</u> <u>Outline Scope of Works Details (free text)</u>	-	No longer deemed necessary

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>135</u>	NETS SYS Models	A model of the connectivity between the nodes on the National Electricity Transmission System required for the Seven Year Statement	Year NETS Contracted Generation Position Rank BM Unit Station Connection Node Fuel Type FLOP Zone Registered Capacity Apportioned TEC (MW) Cumulative TEC (MW) NETS SYS Demand GSP/BSP Demand Scaled to match National Forecast Node Peak Demand (MW) Network Model see Data Item 130 Generator Dynamic Characteristics see Schedule 1 of Grid Code Relevant Distribution Network Data to "sub transient voltage level" see Grid Code DRC Schedule 5	-	
<u>136</u>	Loadflow Results	Report of the loadflow results following the study of the agreed set of contingencies with the Winter Peak Condition. This will be carried out in a form determined by the Study	Loadflow Results Report (free text)	-	No longer deemed necessary

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	<u>Data</u> <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
			Guidelines.			
	<u>137</u>	Construction Programme comments	Comments provided on Stage-by-Stage Document or TO Infrastructure Construction Programme where the Party considers the programme is inappropriate	Construction Programme Identifier Scheme Numbers Date Party Party Contact Construction Programme Comments (free text)	-	-
	138	Ranking Order	This forms the Generation Background required for investment planning etc.	Date         Generation Background Type         Rank         BM Unit Id         Station         Transmission Connection Node         Fuel Type         Transmission Entry Capacity         Cumulative TEC         Boundary of Influence Zone	Example STCP22-1, Appendix A	-
	<u>139</u>	Demand Totals	This forms the demand background required for investment planning etc.	Date Year Demand Total Type Total MW Demand	-	Demand Total Type is designed to allow for different studies such as summer and overnight

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It	o <u>ata</u> tem erence	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
		ELLA Datasets	Information on datasets from ELLA application	-	-	<u>No longer deemed</u> <u>necessary -</u> <u>represented by</u> <u>Network</u> <u>Model/NETS</u> <u>Network Model</u>
<u>141</u>		PSS/E Datasets	Information on datasets from PSS/E application	-	-	<u>No longer deemed</u> <u>necessary -</u> <u>represented by</u> <u>Network Model</u>
142		Notification of Black Start Completion	Formal notification of completion of Black Start and after NGET has deemed/declared system operation to be normal.	NGET Contact         Date         Date and Time System Declared Normal         LJRP Reference         Completion of Black Start Statement (free text)	-	-
143		<u>User Black Start Reports</u>	Reports provided by Users on their capability to carry out a Local Joint Restoration Plan	TO Date LJRP reference User Reference Report References Report Details (free text)	-	-
144		Grid Code DRC Data	-	-	-	No longer deemed necessary - Included within the ICCCR and FCCCR extracts

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<u>Data</u> <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>145</u>	Excitation Models	-	-	-	No longer deemed necessary - Included within the ICCCR and FCCCR extracts
<u>146</u>	User Notice to Disconnect	Notification from the User of the requirement to disconnect a connection asset	<u>User Name</u> <u>Site Name</u> <u>Site Address</u> <u>User Contact Name</u> <u>User Contact Telephone Number</u> <u>Disconnection Statement (free text)</u>	-	No longer deemed necessary
<u>147</u>	Permission for Access to Land	<u>A letter that allows access to land</u>	TO TO Contact Location Access to Land Statement (free text)	-	<u>No longer deemed</u> <u>necessary</u>
148	Site Names and Voltages for Modelling	<u>A list of sites and their voltages for</u> modelling the impact of additional generation	TO Date Site Name Site Voltage	-	<u>No longer deemed</u> <u>necessary</u>

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<u>Data</u> <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>149</u>	<u>Circuits Look Up Table</u>	<u>A request for an addition, deletion or</u> <u>change to a Circuit</u>	Owner         PSS/e From         PSS/e To         PSS/e Circuit Number         NETSO From         NETSO To         NETSO Parallel Circuit Identifier         NETSO Circuit Reference         Addition/Deletion/Change         Submitted By         Submitted On         Applicable From         Applicable To	<u>Example</u> <u>STCP22-1, 4.3.3</u>	<u>No longer deemed</u> necessary - see 191
<u>150</u>	Reactive Compensation Look Up Table	<u>A request for an addition, deletion or change to Reactive Compensation</u>	Owner         NETSO From         NETSO To         NETSO Reference         NETSO Unit Number         MVAr Generation         MVAr Absorbtion         Conpensation Type         Connection Voltage         Addition/Deletion/Change         Submitted By         Submitted On         Applicable From         Applicable To	Example STCP22-1, 4.3.4	<u>No longer deemed</u> necessary - see 191

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>151</u>	<u>Transformer Look Up</u> <u>Table</u>	<u>A request for an addition, deletion or change to a Transformer</u>	Owner         PSS/e Node 1         PSS/e Node 2         PSS/e Node 3         PSS/e Circuit Number         NETSO HV Node         NETSO LV Node         NETSO Tertiary Node         NETSO SGT Number         NETSO Circuit Reference         Addition/Deletion/Change         Submitted By         Submitted On         Applicable From         Applicable To	<u>Example</u> <u>STCP22-1, 4.3.5</u>	<u>No longer deemed</u> necessary - see 191

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	Standard Data Attributes	<u>Proforma</u>	<u>Notes</u>
<u>152</u>	<u>Generation Look Up Table</u>	<u>A request for an addition, deletion or change to a Generator</u>	Owner         Power Station Name         Unit Number         Generator Unique Id (BMU Id)         Plant Type         NETSO SLC Name         NETSO Connection Site         NETSO Generator Transformer Code         PSS/e Extended Name         PSS/e Generator Id         Addition/Deletion/Change         Submitted By         Submitted On         Applicable From         Applicable To	Example STCP22-1, 4.3.6	<u>No longer deemed</u> necessary - see 191
<u>153</u>	<u>Generation Technical Data</u> <u>Look Up Table</u>	<u>A request for an addition, deletion or change to Generation Technical data</u>	Owner         Power Station Name         Unit Number         Generator Unique Id (BMU Id)         Grid Code Generator Transformer Parameters         Grid Code Fuel Type         Excitation NETSO Reference         Excitation Scottish PSS/e Reference         Addition/Deletion/Change         Submitted By         Submitted On         Applicable From         Applicable To	Example STCP22-1, 4.3.7	<u>No longer deemed</u> necessary - see 191

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>154</u>	<u>Lead Party Feasibility</u> <u>Study Offer</u>	<u>An offer made by a supporting Party to</u> <u>a feasibility study</u>	Party Lead Party Contact Other Party Contact Feasibility Study id Staff Grade Number of Days Timescales to Carry out Work Computing Requirements (free text) Travel Requirements (free text) Subsistence Requirements (free text) Other Party Contact Lead Party Signature	-	-
155	Study Output Report	<u>The result of work carried out in</u> <u>support of a feasibility study</u>	Party Feasibility Study id Other Party Contact Lead Party Contact Date Study Report (free text)	-	-
<u>156</u>	Customer Study Report	The result of the work carried out to compile a report to the Customer for feasibility.	Party Feasibility Study id Customer Lead Party Contact Date Feasibilty Study Report (free text) Lead Party Signed	-	-

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<u>Data</u> <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>157</u>	Signed Agreement	An agreement signed by a Party	Party Agreement Reference Agreement Statement (free text) Signatory	-	-
<u>158</u>	HV system Change Certificate	A certificate that is used to record when HV Plant and Apparatus is added or removed from the TO transmission system	See Appendix D, Attachment A STCP19-4	<u>Appendix D,</u> <u>Attachment A</u> <u>STCP19-4</u>	-

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R	<u>Data</u> <u>Item</u> Reference	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
	<u>59</u>	<u>Site Responsibility</u> <u>Schedules</u>	<u>A schedule setting out the safety and operational rules and processes to be adopted at a Connection Site.</u>	Area         Schedule Identifier         Complex         Connection Site         Item of Plant / Apparatus         Plant Apparatus Owner         Site Manager         Safety Rules         Control or Other Responsible Person         Operational Procedures (free text)         Control or Other Responsible Engineer         Party Responsible for Undertaking Inspections,         Investigating Faults & Maintenance         Other Remarks (free text)         Page Number         Issue Number         Date         Notes (free text)         Signatory         Signatory Company         Signatory Date	-	-
	<u>60</u>	Acceptance Certificate	A certificate that confirms satisfactory completion of Stage 1 and Stage 2 of the commissioning programme.	See Appendix D, Attachment B STCP 19-4	<u>Appendix D,</u> <u>Attachment B</u> <u>STCP19-4</u>	-

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>161</u>	Substation Abbreviation Codes	Names of substations, their four letter codes and the relevant voltages	Sub-station Name Sub-station code Votage Details	-	-
<u>162</u>	Branch Data	As part of a Circuit: A branch may only exists between two definite end points (nodes) such as bussing points or substations. There is at least one branch in each circuit. A bussing point is a junction between two or more branches where no switchgear is installed.	Unique circuit Name/Reference Branch Number Rated Voltage Branch Length Composite thermal rating sheets Pre-fault continuous rating for each season - Spring, Summer, Autumn, Winter (Other) Post-fault continuous rating for each season - Spring, Summer, Autumn, Winter (Other) Short Term Ratings: 6 hour, 20 minute, 10 minute & 5 minute rating for each season - Spring, Summer, Autumn, Winter (Other) Short Term Ratings: 6 hour, 20 minute, 10 minute & 5 minute rating for each season - Spring, Summer, Autumn, Winter (Other) Positive phase sequence resistance Positive phase sequence reactance Positive phase sequence susceptance Zero phase sequence SELF reactance Zero phase sequence SELF susceptance Zero phase sequence MUTUAL resistance Zero phase sequence MUTUAL reactance Zero phase sequence MUTUAL susceptance		

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>163</u>	<u>Circuit Breaker Data</u>	Fault limitation information. Either single value provided for an entire substation based on the least rated circuit breaker installed or for individual items where agreed between parties Also to cover busbar section / coupler cct breakers	OwnerSubstation Location IdentifierCircuit Breaker Unique Identifier in SubstationSingle Line Diagram ReferenceRated VoltageOperating VoltageRated 3-phase rms short-circuit breaking currentRated 1-phase rms short-circuit breaking currentRated 3-phase rms short-circuit making currentRated 1-phase rms short-circuit making currentRated 1-phase rms short-circuit making currentRated rms continuous currentDC time constant applied at testing of asymmetricbreaking abilities (Seconds)	-	-

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>164</u>	Transformer Data	Data Attributes pertaining to Transformers	OwnerSubstation Location IdentifierTransformer Unique Identifier in SubstationSingle Line Diagram Reference NumberHV / LV Voltage RatioContinuous Rating (MVA)Cyclic overload capabilityShort Term Rating (Cooled / UnCooled)LV - HV Rating (specific type)Winding Arrangement / Vector GroupPositive sequence resistance nominal tapPositive sequence reactance nominal tapZero sequence impedances on nominal tap (% onRating)Tap changer rangeTap changer step sizeNominal Tap NumberTapped windingTap changer type: on load or off circuitEarthing Method (Direct, resistance, or reactance)Earth Impedance (if not directly earthed) (Ohms)	-	

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>165</u>	Quadrature Booster Data	Data Attributes pertaining to Quadrature Booster	Owner         Substation Location Identifier         Quadrate Booster Unique Identifier in Substation         Single Line Diagram Reference         Rating (MVA)         Design Voltage (kV)         Middle tap no-load line current (A)         Number of taps         Tap Step Size         Maximum Boost injected volts         Maximum Buck injected volts         Maximum Phase angle boost, lead         Maximum phase angle of buck, lag         Z in-N positive sequence impedance (%)         Z out-N positive sequence impedance (%)         Z in-out middle tap positive sequence impedance (%)         Z in-out highest tap positive sequence impedance (%)         Z in-out lowest tap positive sequence impedance (%)         Z in-out lowest tap positive sequence impedance (%)         Z in-out lowest tap copper loss at full load         Lowest tap copper loss at full load         Lowest tap copper loss at full load		

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
	Reactive Compensation Equipment	Data Attributes pertaining to Reactive Compensation Equipment	Owner         Substation Location Identifier         Single Line Diagram Reference         Type of Equipment (Reactor, capacitor, SVC)         Inductive rating of its operating range         Capacitate rating of its operating range         Number of Units for MSC's and Reactors         Number of phases for MSC's and Reactors         Connection Voltage for MSC's and Reactors (kV)         Connection arrangement of Windings for MSC's and         Reactors         Details of any automatic control logic to enable         operating characteristics to be determined for MSC's         and Reactors         Tap Changer Range         Tap Changer Step Size         Nominal Tap Number         Tapped Winding Type (on Load or Off load circuit)         Reference to SVC Transformer data for SVC's         Information necessary to represent a SVC in the         steady state         Operating Voltage         Electrical Parameters         Connection	-	-

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>167</u>	Control Arrangements	Control Arrangements	OwnerSubstation Location identifierUnique owner equipment identifierSingle Line Diagram ReferenceLists & Nomenclature of isolatorsLists & Nomenclature of circuit breakersLists & Nomenclature of operational earth switchesLists & Nomenclature of 132kV fault devices andother 132kVdevices which have telemetered indicationsLists & Nomenclature of the above equipment whichis handdressedLoss & Control indication of site, and suspected dataindications	-	-

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<u>Data</u> <u>Item</u> <u>Referenc</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
168	Circuit Protection Data	Circuit protection information	Owner         Unique circuit Name/Reference to which protection         applies         Single Line Diagram Reference         1st Main Protection Type         1st Main Protection DAR times & operating         sequence for transient and persistent faults (DLC,         CSC, Reversion)         1st Main Protection Operating Issues/problems         2nd Main Protection Operating Issues/problems         Backup Protection Operating Issues/problems         Backup Protection         Ferroresonance Scheme         Protection Signalling Type         Protection Signalling Channel Reference         Intertripping Identifier         Intertripping uppe         Intertripping unstabalisation availability	-	

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>169</u>	Transformer Protection Data	Transformer protection information	OwnerSubstation Location IdentifierTransformer Unique Identifier in SubstationSingle Line Diagram Reference NumberMain Protection TypeMain Protection Overall operating times & SettingsMain Protection overall operating times & SettingsMain Protection overall operating times & SettingsMain Protection co-ordinating gapsMain Protection winding temp settingsBack-up Protection TypeBack-up Protection SettingsBack-up Protection fault interfering isolators	-	-
170	Quadrature Booster Protection Data	Quadrature booster protection information	Owner           Substation Location Identifier           Quadrate Booster Unique Identifier in Substation           Single Line Diagram Reference           Main Protection Type           Main Protection overall operating times           Main Protection intertrips           Main Protection co-ordinating gaps           Main Protection winding temperature /core           temperature protection           Backup Protection Type           Backup Protection fault interfering isolators           Minimum Trip Load	-	-

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>171</u>	Reactive Plant Protection Data	Reactive Plant protection information	Owner Reactive Plant Identifier Circuit Location end ref1 Circuit Location end ref2 Diagram reference Main Protection Type Main Protection overall operating times Automatic Switching Schedules	-	-
172	Automatic Switching Codes	Operational Technical Data for Automatic switching schemes	OwnerSubstation IdentifierDiagram referenceAutomatic Switching SchemesScheme LogicOperational Sequence TimingFault Contingency Capability & Limitations	-	-
<u>173</u>	Generator Intertrip Schemes	Details of operational generator intertrip schemes installed at all NGET operated and interface sites	Owner Substation Identifier Diagram reference Sequential Element ID Generator Operational Tripping Schemes	-	-
<u>174</u>	Demand Intertrip Schemes	Operational Technical data for Demand inter Trip Schemes	Owner Substation Identifier Diagram reference Demand Intertrip schemes	-	-

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<u>Data</u> <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>175</u>	Reverse Power Operation Schemes	Operational Technical data for Reverse Power Schemes	Owner Substation Identifier Diagram reference Reverse Power Schemes	-	-
<u>176</u>	System Synchronising Equipment	Details of System Sychronising Equipment	Owner Substation Identifier Diagram reference Power System Synchroniser Location Power System Synchroniser Specification	-	-

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Dat		Item Description	Standard Data Attributes	<u>Proforma</u>	<u>Notes</u>
Iter Refere					
	Schedule of Technical Data	Information that lists the characteristics of the assets of a commissioning project	Reactive Compensation           Type           Capacitive or Inductive Rating           Operating Range           Automatic Control Logic (free text)           Connection Point           Sub Station Infrastructure           Rated 3-Pinase RMS Short-Circuit Withstand Current           Single Phase RMS Short-Circuit Withstand           Rated Daration of Short Circuit Withstand           Rated Voltage           Connection Joint           Circuit Parameters           Start Node           End Node           Rated Voltage           Operating Voltage           Operating Voltage           Operating Voltage           Operating Voltage           Pris R, X and B           OPsice Sequence R, X and B           ZPS (scl) Impedence R, X and B           ZPS (sc	-	-
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Data <u>Item</u> <u>Referen</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
	Operational Tripping / Equipment Operation	Process following/resulting from the tripping out of equipment	<u>Operational Tripping Statement Title</u> <u>Version</u> <u>Date of Issue</u> <u>Operational Tripping Statement (free text)</u>	-	-
<u>179</u>	Equipment Operation	Process of how site equipment is operated	Equipment Operation Statement Title Version Date of Issue Equipment Operation Statement (free text)	-	No longer deemed necessary
<u>180</u>	Extracts of Manual and Handbooks	Relevant parts of operational manuals and handbooks to assist in the operation of the system	Extracts of Manuals and Handbooks	-	-
<u>181</u>	Commissioning Switching Programme and On Load Tests	Commissioning switching programme model and on load testing	Appendix E STCP19-4 Reference to Operation Diagrams	Appendix E STCP19-4	-
<u>182</u>	Commissioning Method Statement	A step-by-step procedure defining Stage 2 (On-load) commissioning activities that do not require switching instructions from NGET	Scheme Number Scheme Name Stage 2 Commissioning Activity Desription (free text) Step-by-step Procedure (free text) Operational Effects	-	-

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
183	Testing Programme	<u>A written schedule identifying the</u> sequence in which a series of tests are to be undertaken	Test IdTest Programme Version NumberTest Programme Issue NumberMeans of Communication DetailsLocation of PartiesChange Control Process StatementSupporting Documentation StatementTest Plant and Apparatus Reference(s)Affected Plant and Apparatus Reference(s)Operational Effects StatementService Reduction StatementPlant and Apparatus Initial ConditionsProtection Required StatementProtection Settings AppliedTest Programme StatementCircuit From Nodal ReferenceSequence of Testing StatementExpected Result Statement	-	<u>No longer deemed</u> <u>necessary - see 102</u>
<u>184</u>	TEC Decrease Notice	Notification of a request to make a reduction in TEC	Scheme Number Copy of Decrease in TEC Notice	-	-

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>185</u>	NGET/TO Indemnity Agreement	<u>The signed agreement of the Indemnity</u> <u>Offer</u>	Proposal Number Nature and Value of Work (free text) Period of Indemnity Cover Indemnity Signature Required By Date Special Terms TO Signatory NGET Signatory	-	-
186	Operational Notes	Information on those outages planned in 2 weeks ahead. Where the information relates to transmission system outages, the information provided will only contain outage information within the TO's own transmission area and the TO's "zone of influence" . Where information relates to User outages only information that has a direct operational interaction with planned TO actions will be provided.	Outage Summary Statement (inc. Dates)         Non-standard Substation Running Arrangements List         Outage Information Notes (free text)         Control Room Comments (free text)         Outages Requiring Commissioning Programmes         Fault Level Control Guidance (free text)         DNO Network Information (free text)         Voltage Control Guidance (free text)         Special Actions Arranged (free text)         Substation Running Arrangements (free text)	-	-
187	<u>Non-standard Running</u> <u>Arrangements</u>	Details of running arrangements	Site Equipment Reference Arrangements (free text) Diagram Notes (free text)	-	-

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
188	Outage Change Request	Notice given of a change required to the Outage Plan.Where the information relates to transmission system outages, the information provided will only contain outage information within the TO's own transmission area and the TO's "zone of influence".Where information relates to User 	Change Request Id Change Code Party NGET Contact TO Contact Date Dates and Times for Outage Outage Change Request Statement (free text) Change Request Status (Pending/Agreed/Rejected)	-	-
<u>189</u>	Site Safety Notifications	Notices that indicate technical limitations, operational restrictions, special network arrangements at a transmission site. See also Operational Safety Bulletin	<u>Date</u> <u>Site Name</u> <u>Site Safety Notification Statement (free text)</u>	-	-
<u>190</u>	Decommissioning Report	<u>A report declaring that Plant and</u> <u>Apparatus is no longer available for</u> <u>operational service</u>	See Appendix D, Attachment C STCP 19-4	Appendix D. Attachment C STCP19-4	-
<u>191</u>	Data Lookup Table	<u>A request for an addition, deletion or change to a location code, circuits, reactive compensation, transformers, generation and/or technical data</u>	See Appendix B STCP 22-1	Appendix B 22-1	-

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>192</u>	Isolation Confirmation	Confirmation made by the Implementing Safety Co-ordinator that Isolation has been established identifying the Requesting Safety Co- ordinator's HV Apparatus up to the boundary between each relevant Party's Transmission Systems for which Isolation has been provided.	RISSP Identification NumberImplementing Safety Co-ordinator PartyImplementing Safety Co-ordinator Party ContactDateLocation of Isolation PointHV Apparatus Name of Isolation PointHV Apparatus Nomenclature of Isolation PointHV Apparatus Numbering of Isolation PointHV Apparatus Position of Isolation PointHV Apparatus Position of Isolation PointIsolation Method - Device/Physical SeparationIsolation Physical Separation Statement	-	-
<u>193</u>	Earthing Confirmation	Confirmation made by the Implementing Safety Co-ordinator that Earthing has been established identifying the Requesting Safety Co- ordinator's HV Apparatus up to the boundary between each relevant Party's Transmission Systems for which Isolation has been provided.	RISSP Identification NumberImplementing Safety Co-ordinator PartyImplementing Safety Co-ordinator Party ContactDateLocation of Earthing PointHV Apparatus Name of Earthing PointHV Apparatus Nomenclature of Earthing PointHV Apparatus Numbering of Earthing PointHV Apparatus Numbering of Earthing PointHV Apparatus Position of Earthing PointEarthing Method - Immobilised and Locked/OtherMethodEarthing Immobilised and Locked StatementEarthing Other Method Statement	-	-

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>194</u>	Safety Coordinator Details	<u>A list of authorised safety coordinators</u>	Party Date Safety Coordinator Name Safety Coordinator Telephone Number Safety Coordinator Email Address	-	-
<u>195</u>	Significant Incident Report	<u>A report that provides information on</u> <u>an Event considered to be a Significant</u> <u>Incident by any Party</u>	See Appendix B STCP3-1	Appendix B STCP3-1	-
<u>196</u>	Follow-up Significant Incident Report	<u>A report that provides updated</u> <u>information on an Event.</u>	See Appendix C STCP3-1	<u>Appendix C</u> <u>STCP3-1</u>	-
<u>197</u>	Transmission Licence Condition Report	<u>A report produced under statutory and</u> <u>licence obligations</u>	From <u>To</u> <u>Date</u> <u>Report Statement</u> <u>Report Details (unique to each Party)</u>	-	-
<u>198</u>	Notification of Specified Events Report	A report produced by each TO as Distributors on an Event	As defined in the ESQCR Proforma	-	No longer deemed necessary
<u>199</u>	Contracted Generation and Demand Backgrounds	Actual Generation and Demand backgrounds	Ranking Order (see separate entry 138) Demand Totals (see separate entry 139)	-	No longer deemed necessary - see 138, 139

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
200	<u>Telephony and Resilience</u> <u>Information</u>	Details of the telephony infrastructure between the TO's Control Centre and agreed Users.	Date         TO         User Site         User Type         Telephony Infratstructure Details         Telephony Technical Characteristics/Protocols         Level of Resilience Details         Mains Independence Required Indicator         Diagrams	-	No longer deemed necessary
201	Handset Equipment Notification	Confirmation of a requirement to install telephony handset equipment for the User to contact NGET via the relevant TO's new or existing telephony infrastructure	Date NGET Contact TO Contact Location Details (free text) Telephony Requirements (free text)	-	No longer deemed necessary
202	<u>Telephony Infrastructure</u> <u>Outage Information</u>	Details of the telephony equipment and specification of the outage of that equipment	Date         NGET Contact         TO Contact         Telephony Equipment Details         Start Date of Outage         Duration of Works         Works Content (free text)         Telephony Services Impact (free text)	-	<u>No longer deemed</u> <u>necessary</u>

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Data <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
203	Amendment Notification	<u>A notice made to vary the agreement of a TO Construction Agreement or Connection Site Specification</u>	Date <u>TO Contact</u> <u>TO Construction Agreement/Connection Site</u> <u>Specification Identifier</u> <u>Appendices Requiring Amendment</u> <u>Amendment Details (free text)</u> <u>Amendment Reason (free text)</u>	-	-
204	TO Construction Agreement Date Amendment Notice	A notice allowed under STC Schedule 9, 3.2 that gives rise to a delay in the carrying out of the Affected Party's Works	Date         Affected Party Contact         TO Construction Agreement/Connection Site         Specification Identifier         Delay Reason (free text)         Expected Delay Duration	-	-
<u>205</u>	Other Charging Information Requirements	A spreadsheet listing all Transmission Connection Assets with Gross Asset Values in a specificed price base, and other specified attributes	See Appendix B6 STCP18-1	Appendix B6 STCP18-1	-
206	Transmission System Impact Confirmation	Notification from the TO of the impact, if any, on their Transmission System as a result of an NGET Construction Application. Where there is no impact notification of any technical design or operational criteria which the TO intends to assume will apply to User Equipment at the Relevant Connection Site will be given	<u>TO</u> <u>Date</u> <u>Scheme Number</u> <u>Impact on Transmission System Indicator (Y/N)</u> <u>User Equipment Technical Design Intended</u> <u>User Equipment Operational Criteria Intended</u>	-	-

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<u>Data</u> <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>207</u>	Detailed TO Construction Programme	The construction schedule compliant with the TO Construction Agreement(s) developed for each Construction Project	See Section 5.2.1.3 STCP19-2	-	-
<u>208</u>	Bi-annual Termination Amounts Report	An estimate of payments required to be paid by NGET in respect of temination amounts	See Appendix F STCP19-2	Appendix F STCP19-2	-
<u>209</u>	Outage Change Costs Proforma	A form that enables the TO to estimate its costs of an Outage change	See Appendix C STCP11-3	Appendix C STCP11-3	-
210	Project Listings	<u>A reference to all Project Listing</u> <u>Documents</u>	Project Listing Reference Project Listing Date Project Listing Document Number Project Listing Document Version Project Listing Document Status	-	-
211	Estimate of Losses	This provides the losses required for investment planning etc.	Date Year Losses Type Estimate of Losses (MW)	-	-
212	Demand Forecast by Transmission Licence Area	<u>This forms the demand background</u> required for investment planning etc.	Date Year Demand Total Type Total MW Demand	-	-
213	Transmission Sites	<u>A list of transmission sites</u>	Date TO Transmission Site Identifier Reason for Transmission Site Inclusion	-	-

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<u>Data</u> <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>214</u>	Generation Background	<u>A list of all generation Plant.</u>	Date Year Generation Background Reference Generation Plant Identifier Additional Information	-	-
<u>215</u>	Compliance Monitoring Statement	<u>A structured list of requirements</u> required to confirm compliance to appropriate elecrical standards for connection	See Appendix B1 STCP19-3	<u>Appendix B1</u> <u>STCP19-3</u>	-
<u>216</u>	Statement of Completeness	<u>A document that confirms NGET's</u> satisfaction that the FCCCR is suitably complete	See Appendix B5 STCP19-3	Appendix B5 STCP19-3	-

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<u>Data</u> <u>Item</u> <u>Reference</u>	<u>Item Name</u>	Item Description	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
217	<u>TO Model</u>	<u>A model of the connectivity between</u> the nodes on the Transmission System	Year NETS Contracted Generation Position Rank BM Unit Station Connection Node Fuel Type FLOP Zone Registered Capacity Apportioned TEC (MW) Cumulative TEC (MW) NETS SYS Demand GSP/BSP Demand Scaled to match National Forecast Node Peak Demand (MW) Network Model see Data Item 130 Generator Dynamic Characteristics see Schedule 1 of Grid Code Relevant Distribution Network Data to "sub transient voltage level" see Grid Code DRC Schedule 5		
<u>218</u>	Request for an Outage Change Cost Estimate	A form requesting that the TO estimate its costs of an Outage change	See Appendix B STCP11-3	<u>Appendix B</u> <u>STCP11-3</u>	-

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### <u>Appendix D: Services Capability Specification Guidance</u> <u>Notes for Offshore Transmission Owners</u>

These Guidance Notes consists of 3 parts;

Part 1 Services Provided: a description of the services to be provided by the OFTO to <u>NGET.</u>

Part 2 Update Process: a description of the process for updating the OFTO SCS Data.

#### Part 3 Information to be provided: a description of the SCS Data to be provided by the OFTO to NGET together with example proforma to be used for data submission:

Section 1: Diagrams Substation Operational Diagrams

Section 2: Circuits, Plant & Apparatus Branch Data ZPS Mutual Coupling Data Circuit Breaker Data Transformer Data Reactive Compensation Equipment Data Thermal Ratings Data

Section 3: Protection Protection Policy Protection & Automatic Switching Schedule Generator Intertrip Schemes Demand Intertrip Schemes

> Section 4: System Availability Substation Operational Guide

Sectiopn5: Automatic Control Systems Automatic Switching Schemes

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# SERVICES CAPABILITY SPECIFICATION

# **GUIDANCE NOTES**

# FOR

# **OFFSHORE TRANSMISSION OWNERS**

# (VERSION 1)

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4	Update Process
Part 2	Update Process
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Part 3	Information to be Provided
Section 1	Drawings
Section 2	Circuits, Plant & Apparatus
Section 3	Protection
Section 4	System Availability
Section 5	Automatic Control Systems

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# Part 1 - Services Provided

### 1. Background

- 1.1. Section C Part 1 paragraph 2.1 of the SO/TO Code states that the TO shall provide services to NGET. These Transmission Services are defined as:
  - 1.1.1.making available those parts of its Transmission System which are intended for the purposes of conveying, or affecting the flow of, electricity, so that such parts are capable of doing so and are fit for those purposes:
  - 1.1.2.a means of enabling NGET to direct the configuration of those parts of that Transmission Owner's Transmission System made available to it and, consistent with such means, giving effect to any such direction from time to time; and
  - 1.1.3.a means of enabling NGET to obtain information in relation to that Transmission Owner's Transmission System which is needed by NGET to enable it to co-ordinate and direct the flow of electricity onto and over the National Electricity Transmission System and, consistent with such means, providing information to NGET.
- 1.2 This document is the Services Capability Specification (SCS) Guidance Notes.
- 1.3 This document also describes the processes for updating the SCS.

### 2. Scope

- 2.1 The services described in this document will be provided in respect of the Transmission System owned by the Offshore Transmission Owner (TO).
- 2.2 For the avoidance of doubt, and as contemplated by the STC, this provides the definitive source of technical limits and parameters to which the system has been designed and should be operated in the absence of specific Operational Capability Limits (OCL).
- 2.3 Words and phrases in this SCS shall be construed in accordance with the STC except where the context otherwise requires.
- 2.4 The assets described in this document comprise the system of high voltage electric lines owned by the Offshore TO within its authorised area and includes electrical plant and meters owned or operated by such holders of a transmission licence in connection with the transmission of electricity.

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### 3. Making Available Parts of the Transmission System

- 3.1. This describes in reasonable detail those parts of its Transmission System which the Offshore TO makes available to NGET in accordance with the STC and as referred to in Section 1.1.1 of this Services Capability Schedule. This section includes without limitation information on those parts of the Transmission System, and the parameters, conditions and levels to which they are normally capable of being made available, and the technical limits which that would normally be applied to the provision of this service.
- 3.2 This section provides an overview of the information to be provided and should be read in conjunction with STCP 12-1 Data Exchange Mechanism and the detailed specification provided in Part 3 of this document. If there are discrepancies between STCP12-1 and this document, STCP12-1 should be taken as being the description of the information to be provided.
- 3.3 Information Relating To Network Configuration
- 3.3.1 This information comprises the Substation Operational Diagram which provides a graphical, and connectivity view of the network.
- 3.3.2 The diagrams referred to in 3.3.1 shall include all HV Apparatus and the connections to all external circuits. They will utilise STCP 10-1 (Asset and Nomenclature) standards of numbering, nomenclature and labelling.
- 3.3.3 The diagrams will provide a record, which is accurate in all material respects, of the layout and circuit interconnections, ratings & numbering, and nomenclature of HV Apparatus and related Plant.
- <u>3.3.4 The Offshore TO —diagrams supplied under this Services Capability</u> <u>Specification will conform to best industry practice, an example of which is</u> <u>given later in this documentthe Offshore TO drafting practices and formats.</u>
- 3.3.5 The diagrams supplied under this section are detailed in Part 3 Section 1 of this document.
- 3.4 Information Relating to Circuits, Plant and Apparatus
- <u>3.4.1 The Offshore TO will for each circuit in the network provide details of the name and operating voltage.</u>
- 3.4.2 The Offshore TO will for each circuit in the network provide information to allow NGET to build models of the network. This information shall include positive and zero sequence resistance, reactance and susceptance, all to a 100MVA base. It will also include the zero sequence resistance, reactance and susceptance for the mutual coupling between circuits.
- <u>3.4.3 The Offshore TO will provide pre-fault continuous, post-fault continuous and short term ratings for each circuit for the summer, spring/autumn and winter periods.</u>
- <u>3.4.4 The Offshore TO will provide for each circuit breaker on the network details of fault capability.</u>
- 3.4.5 The Offshore TO will provide for each transformer on the network details of rated voltages, ratings, voltage ratios, positive and zero sequence resistance, reactance and susceptance, all to a 100MVA base.

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- <u>3.4.6 The Offshore TO will provide for each Reactive Compensation Equipment on</u> <u>the network, details of rated voltages, ratings, losses and taps</u>
- 3.4.7 The ratings referred to in this Section 3.4 that will be supplied for circuits, circuit breakers, transformers, and reactive control devices shall constitute the Normal Capability Level (NCL).
- 3.4.8 Information relating to the NCLs of circuits, which may be made up of overhead and underground sections, will be provided as a composite figure.
- 3.4.9 For the avoidance of doubt, and as contemplated by the STC, the Operational Capability Level (OCL) will be equal to the NCL unless otherwise notified by the Offshore TO.
- 3.4.10 It is recognised that normal protection and DAR operation following transient faults will temporarily remove the affected plant from operation. This is part of the normal capability of plant and circuits.
- 3.4.11 The information supplied under this section is detailed in part 3 Section 2 of this document.
- 3.5 Protection Operation and Auto-Switching
- 3.5.1 The Offshore TO will provide information in respect the Offshore TO protection policy in respect of the equipment made available. NGET must operate the Offshore TO Transmission network in accordance with this policy unless authorised to deviate from this policy.
- 3.5.2 The Offshore TO will provide details of protection and automatic switching operations in schedule format for each circuit.
- 3.5.3 This schedule will be to provide details of line protection equipment, protection telecommunication services, protection signalling equipment, Intertripping equipment, circuit breaker tripping initialisation, overall clearance times, load limitations, synchronising facilities, DAR schedules and ferroresonance protection.
- 3.5.4 The information supplied under this section is detailed in Part 3 Section 3 of this document.
- 3.5.5 The Offshore TO will provide information in respect of System, Generator and Demand Intertripping Schemes made available.
- 3.6 System Availability
- <u>3.6.1 The Offshore TO shall provide details of any transmission system planning derogations.</u>
- 3.6.2 Where planning derogations impact upon connections, they shall normally be listed in the Connection Site Specification, as set out in the STC Section D2.2.7.3.
- <u>3.6.3</u> The Offshore TO will provide details of any technical limits or other operational matters which apply across its Transmission System, either for a full system or for outage conditions, which are not detailed in other sections.

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- <u>3.6.4 The Offshore TO will provide details of any technical limits or other</u> <u>operational matters which apply on its Transmission System on a substation</u> <u>by substation basis, either for a full system or for outage conditions.</u>
- 3.6.5 These technical limits and other operational matters shall be treated by NGET as NCLs, and NGET shall ensure that these NCLs are not breached.
- 3.6.6 The information supplied under this section is detailed in Part 3 Section 4 of this document.
- 4. Update Process
- 4.1 SCS Changes
- 4.1.1 To allow NGET to operate the system in a safe and secure manner, the Offshore TO shall ensure that the data provided to NGET under the SCS is properly controlled, maintained and ensure that changes are notified within reasonable timescales. The process described more fully in Part 2 Schedule Section 1 of this document explains the SCS change mechanism.
- 4.1.2 Changes to the dataset contained in the SCS will be initiated as a consequence of changes made to the network. Factors, which initiate changes, will include:
  - Investment Plans involving commissioning or decommissioning of assets
  - Investment Plans not tied to commissioning or decommissioning of assets
     i.e. a variation to Transmission Services
  - The final removal of assets from drawings within the SCS which are not available for operational purposes or available for configuration by NGET after removal from safety distance
  - Agreed Form changes
  - Agreed refreshes of data, consolidating and confirming previous changes
  - Typographical error corrections
- 4.1.3 The data will be regarded first as Commissioning Data when sent to NGET, and then as SCS Data when incorporated into the SCS under the process described in Part 2 below. For the avoidance of doubt, commissioning data will only become SCS data once the Acceptance Certificate, Part 2 has been signed.
- 5. Automatic Control Management Systems
- 5.1. SCS Changes
- 5.1.1. The Offshore TO will provide information in respect of the Offshore TO automatic control management system in respect of the equipment made available. NGET must operate the Offshore TO Transmission network in accordance with this policy unless authorised to deviate from this policy.
- 5.1.2. The Offshore TO will provide details of automatic control management system operations in schedule format for each circuit.
- 5.1.3. This schedule will be to provide details of automatic control management equipment, telecommunication services if relevant, switching signalling equipment and sequence mal-operation.
- 5.1.4. The information supplied under this section is detailed in Part 3 Section 5 of this document.

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# Part 2 – Update Process

# Section 1 - SCS Update Process

- 1 SCS Updates
- 1.1 Process General
- 1.1.1 The data contained in the SCS will be the definitive source of data supplied by the Offshore TO and to be used by NGET in the operation of the Offshore TO Transmission System.
- 1.1.2 Changes to the dataset contained in the SCS will arise from the Investment Planning process and from agreed changes to the Form. A general data refresh or correction of typographical errors may also take place pursuant to the investment planning process.
- 1.1.3 Changes to the SCS data will be initiated when data contained in the SCS changes.
- 1.1.4 For every data exchange intimated to NGET, pursuant to the SCS, the following records will be maintained:
  - a record will be kept of the date and time of issue of the data
  - the name of senders and recipients of the data will be recorded
  - the proposed effective date and time will be sent along with the notification
  - a copy of the information sent will be retained by the Offshore TO
- 1.1.5
   On receipt of a data change, NGET will acknowledge receipt of the revised

   SCS data. Acceptance of receipt is agreement to use the information from the proposed start date. If NGET rejects the data, then a reason shall be provided.
- 1.2 Data Updates Commissioning
- 1.2.1
   Within the time frames specified in STCP 19-4 Commissioning and

   Decommissioning and ahead of on-load testing, the Offshore TO will send to

   NGET, data for the scheme that is to be commissioned.
- 1.2.2 Data sent before on-load testing will be Commissioning Data. This data will not describe any assets that are being made available, but will form the Offshore TO estimate created in line with good industry practice of the parameters and technical limits relating to the scheme that it is proposed will be commissioned. This data will therefore be suitable, for example, for system studies following commissioning of the scheme. This data will also form limits that should be adhered to by NGET during on-load commissioning.

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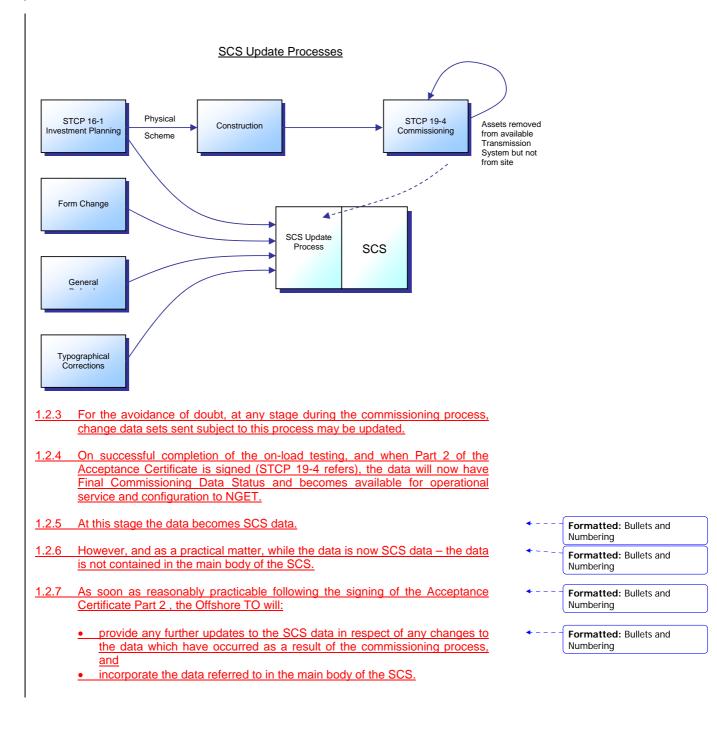
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#### <u>1.3 Data Updates – Decommissioning</u>

- 1.3.1 For the avoidance of doubt, any items of plant which are shown on the Substation Operational Diagrams which are shown as not connected to the Offshore TO network, do not form part of the system which the Offshore TO makes available to NGET.
- 1.3.2 When a Decommissioning Report is signed and declaration \*A on the Decommissioning Report is indicated, then the associated Plant and Apparatus will remain in the relevant drawings in SCS but not available for operational use by NGET. If declaration \*B on the Decommissioning Report is indicated, then the relevant data corresponding to the associated Plant and Apparatus will be removed from the SCS.
- 1.3.3 At this stage the assets ceases to be available, and the changes are made to the SCS data.
- <u>1.3.4 The Offshore TO will update the main body of the SCS as in section 1.1 above.</u>
- 1.4 Data Updates General Refresh / Typographical Corrections
- 1.4.1
   For general data refreshes/typographical corrections to the data, the Offshore

   TO will update the main body of the SCS as per section 1.1 above.

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# Part 3 – Information to be provided

## Section 1 – Diagrams

Information / data to be supplied

<u>Items</u>	Description	Reference	STCP12-1 Data Item List Reference
Substation Operational Diagram	A drawing which includes all HV Apparatus and the connections to all external circuits, with all numbering, nomenclature and labelling	Part 3 Section 1.1	<u>126</u>

General Remarks

Substation Operational Diagrams form the definitive drawings of the Offshore TO network.

Substation Operational Diagrams may show items which are not connected to the Offshore TO network, including:

 Plant and Apparatus owned by the Offshore TO but not connected to the Offshore TO network **Formatted:** Bullets and Numbering

Access roads

For the avoidance of doubt, none of the items shown which are not connected to the Offshore TO network form part of the system that the Offshore TO makes available to NGET.

Additionally, these diagrams will show Plant and Apparatus owned by Users. For the avoidance of doubt, the SCS is not the definitive statement of either:

- The boundaries (control or commercial) between the Offshore TO network and that of the Users, or
- Layout and configuration of the User's Plant and Apparatus

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# Section 2 – Circuits, Plant & Apparatus

Information / data to be supplied

I

<u>ltems</u>	Description	Reference	STCP12-1 Data tem List Reference
Branch Data	<u>Circuit name</u>	Part 3 Section 2.1	<u>162</u>
	Node names		
	Rated / operating voltage		
	Post fault continuous ratings		
	Positive phase sequence resistance (R1)		
	Positive phase sequence reactance (X1)		
	Positive phase sequence susceptance (B1)		
	Zero phase sequence self resistance (R0)		
	Zero phase sequence self reactance (X0)		
	Zero phase sequence self susceptance (B0)		
	<u>Circuit lengths (km)</u>		
	NGET line code		
Mutual Coupling Data	Circuit 1 name	Part 3 Section 2.2	<u>162</u>
	Circuit 2 name		
	Node names		
	Zero sequence mutual resistance (R0m)		
	Zero sequence mutual reactance (X0m)		
	Zero sequence mutual susceptance		
	<u>(B0m)</u>		
	Parameters describing percentages of line coupled		
Circuit Breaker Data	Location / substation	Part 3 Section 2.3	<u>163</u>
	Circuit breaker name		
	Voltage		
	Manufacturer / Model / Type		
	Year commissioned		
	Assumed operating times:		
	Circuit breaker (mS)		
	Minimum protection & trip (mS)		
	Total (mS)		
	Rated RMS continuous current (A)		
	<u>3 Phase:</u>		
	Fault rating RMS symmetrical (MVA)		
	Fault break rating RMS symmetrical (kA)		
	Fault break rating RMS asymmetrical (kA)		

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	Fault break rating MS peak		
	asymmetrical (kA)		
<u>ltems</u>	Description	Reference	STCP12-1 Data Item List Reference
<u>Circuit Breaker</u> Data (continued)	<u>1 Phase:</u>	Part 3 Section 2.3	<u>163</u>
	Fault rating RMS Symmetrical (MVA)		
	Fault break rating RMS Symmetrical (kA)		
	Fault break rating RMS Asymmetrical (kA)		
	Fault break rating RMS Peak		
	Asymmetrical (kA)		
Transformer Data	Location / substation	Part 3 Section 2.4	<u>164</u>
	Transformer name		
	Voltage HV (kV)		
	Voltage LV (kV)		
	Node names		
	Rating (MVA)		
	PPS parameters: R1 (%100MVA)		
	PPS parameters: X1 (%100MVA)		
	ZPS parameters: R0 (%100MVA)		
	ZPS parameters: X0 (%100MVA)		
	Taps: Tap low (%)		
	<u>Taps: Tap high (%)</u>		
	Taps: Tap step size (%)		
	Winding arrangement (Vector group)		
	Tap changer type		
	Earthing method (direct, resistance or reactance)		
	Earth impedance (ohms)		
	NGET line code		
<u>Reactive</u> <u>Compensation</u> Equipment Data	Location / substation	Part 3 Section 2.5	<u>166</u>
	<u>Type of equipment (reactor, capacitor,</u> SVC)		
	Equipment name / number		
	Voltage (kV)		
	Node name		
	Rating (MVAr)		
	Electrical parameters		
	Connection		
<u>Short-Term</u> <u>Ratings Data</u>	Composite thermal rating sheets	Part 3 Section 2.6	<u>162</u>
<u></u> _			

### Remarks

Ratings

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<u>Under Branch Data (Part 3, Section 2.1), NGET will insert the appropriate NGET line code. Under Transformer Data (Part 3, Section 2.4), NGET will insert the appropriate line code. The Offshore TO will not change this information in line with Good Industry Practice.</u>

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Fault Levels

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NGET are permitted to operate the Offshore TO Transmission System up to 100% of the fault capabilities provided in Part 3, Section 2.3.

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# Section 3 – Protection

Information / data to be supplied

ltems	Description	Reference	STCP12-1 Data Equipment Item List Reference
Protection Policy	Information in respect of Offshore TO Protection Policy	Part 3 Section 3.1	
132kV Protection and Automatic Switching Data	Single Line Diagram	Part 3 Section 3.2	<u>168, 169, 171,</u> <u>172, 178</u>
	Line protection equipment		
	Protection telecommunication services Protection signalling equipment		
	Intertripping equipment		
	Intertripping & protection unstabilisation equipment		
	Circuit breaker tripping initiation		
	Line fault overall clearance times		
	Load limitations		
	Circuit breakers fail protection	_	
	Synchronising facilities		
	Auto switching (DAR) schedules		
Generator Intertrip Schemes	Descriptions of Generator Intertrip Schemes	Part 3 Section 3.3	<u>173</u>
Demand Intertrip Schemes	Description of Demand Intertripping Schemes	Part 3 Section 3.4	<u>174</u>

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# Section 4 – System Availability

Information / data to be supplied

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<u>Items</u>	Description	Reference	STCP12-1 Data Equipment Item List Reference
Planning Derogations	Derogations from the NETS SQSS which pertain to the general transmission system. Details of site specific derogations will be specified in the appropriate Connection Site Specification.	Part <u>3</u> Section 4.1	
General Limitations	Limitations to the operation of the Offshore TO equipment which applies generally across the system and which has not been identified via the parameters and technical limits given above.	Part 3 Section 4.2	
Substation Operating Guides	Limitations to the operation of the Offshore TO equipment which is specific to an individual substation, identifying the equipment, the substation and the technical limitations.	Part 3 Section 4.3	<u>179</u>

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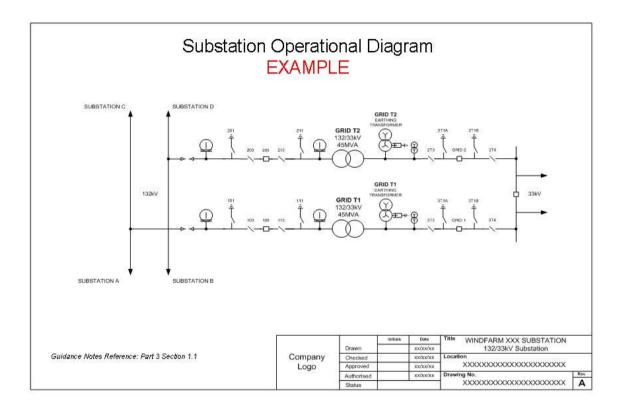
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# <u>Section 5 – Automatic Control Management</u> <u>Systems</u>

<u>ltems</u>	Description	Reference	STCP12-1 Data Equipmer Item List Reference
Auto Control Policy	Information in respect of Offshore TO Automatic Switching Scheme	Part 3 Section 5.1	
Auto Control Scheme	Make, Model & Variations of Scheme	Part 3 Section 5.2	<u>172</u>
	Scheme Operational Sequences & Timings		
	Scheme Operational Equipment Diagram Scheme Logic diagram		
	Scheme Mal-operation Contingency Capability & Limitations	Part 3 Section 5.3	

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## **EXAMPLE**

Offshore TO Name

#### Services Capability Specification

Guidance Notes Reference: Part 3 - 2.1 Branch Data

		Voltage		PPS PARAMETERS			ZPS PARAMETERS			Махі	mum Cont Ratings			
Node 1	Node 2		Circuit	R1	X1	B1	R0	XO	В0	Winter	Spr/Aut	Summer	Lengths	NGET
		kV		%100MVA	%100MVA	%100MVA	%100MVA	%100MVA	%100MVA	MVA	MVA	MVA	(km)	Line Code
Name	Name	132	Location A - Location B	0.7910	3.9010	0.9940	2.0240	10.1750	0.0000	146	146	146	18.30	C123
			EXAMPLE											

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### **EXAMPLE**

Offshore TO Name

#### Services Capability Specification

Guidance Notes Reference: Part 3 - 2.2 ZPS Mutual Coupling Data

			Coupled to			R <sub>om</sub>	X	Вом	
Circuit 1 Name	Circuit 1 Node 1	Circuit 1 Node 2	Circuit 2 Name	Circuit 2 Node 1	Circuit 2 Node 2	"*OM	× <sub>om</sub>	- 0141	
						%100MVA	%100MVA	%100MVA	
Circuit A	Name	Name	Circuit B	Name	Name	0.3019	0.7436	0.0199	
			EXAMPLE						

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## **EXAMPLE**

#### Offshore TO Name

Services Capability Specification Guidance Notes Reference: Part 3 - 2.3 Circuit Breakers

	Assumed Operating Times						3 Phase				1 Phase							
Location	Name	Voltage	Maker	Model	Туре	Year Commissioned	Circuit Breaker (mS)	Minimum Protection & Trip Relay (mS)	Total Time (mS)	Continuous Rating (A)	Fault Rating (RMS Symmetrical) (3 phase) (MVA)	Fault Break Rating (RMS Symmetrical) (3 phase) (kA)	Fault Break Rating (Peak Asymmetrical) (3 phase) (kA)	Fault Make Rating (Peak Asymmetrical) (3 phase) (kA)	Fault Rating (RMS Symmetrical) (1 phase) (MVA)	Fault Break Rating (RMS Symmetrical) (1 phase) (kA)	Fault Break Rating (Peak Asymmetrical) (1 phase) (kA)	Fault Make Rating (Peak Asymmetrical) (1 phase) (kA)
Site A	120	132KV	BRUSH	DB145	SF6	1991	60	30	90	2500	7202	31.5	59.2	78.8				
					EXAM	/IPLE												
		-																

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### **EXAMPLE**

Offshore TO Name

Services Capability Specification

Guidance Notes Reference: Part 3 - 2.4 Transformers

HV Node	HV	LV Node	LV	Rating	Transformer	PPS PAR	AMETERS	ZPS PAR.	AMETERS		Taps		Winding	Earthing		NGET Line Code
						R1	X1	R0	X0	Tap Low	Tap High	Tap Step		Method	Impedance	
	kV		kV	MVA		%100MVA	%100MVA	%100MVA	%100MVA	%	%	%		Method	Impedance	
Name	132	Name	33	90	Grid T1	0.7407	27.2333	0.7407	27.2333	-20	10	1.67	2			T123
					EXAMPLE											

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## **EXAMPLE**

**Offshore TO Name** 

Services Capability Specification Guidance Notes Reference: Part 3 - 2.5 Reactive Compensation Equipment

#### SWITCHED SHUNT REACTORS

ltem	Node	kV	Reactor	Rating	P Loss	Taps	Connection
			No.	MVAr	kW		
1	Name	33	1	1 x 60	240.0	10 taps from 30MVA to 60MVA	LV of 132/33 kV SGT1
			EXAMPLE				

NOTE: Please refer to Substation Operating Guides for details of restrictions on the operation of reactors and tap positions.

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### **EXAMPLE**

CIRCUIT RATING SCHEDULE

Voltage	
132kV	

Offshore TO Name

NGET Code	Lir	ie	
			Issue Date

CIRCUIT Name from Site A - Site B

			Wir	nter			Spring/	Autumn	l		Sum	nmer	
OVERALL CCT RAT	INGS	%Nom	Limit	Amps	MVA	%Nom	Limit	Amps	MVA	%Nom	Limit	Amps	MVA
Pre-Fault Continu		84%	Line	485	111	84%	Line	450	103	84%	Line	390	89
Post-Fault Contine	uous	100%	Line	580	132	100%	Line	540	123	100%	Line	465	106
Prefault load exceeds line prefault continuous rating	6hr 20m 10m 5m 3m	95% mva 125	Line Line Line Line Line	580 580 580 580 580	132 132 132 132 132 132	95% mva 116	Line Line Line Line Line	540 540 540 540 540	123 123 123 123 123	95% mva 100	Line Line Line Line Line	465 465 465 465 465	106 106 106 106 106
Short Term Overloads	6hr 20m 10m 5m 3m	90% mva 118	Line Line Line Line Line	580 580 580 580 580 580	132 132 132 132 132 132	90% mva 110	Line Line Line Line Line	540 540 540 540 540	123 123 123 123 123	90% mva 95	Line Line Line Line Line	465 465 465 465 465	106 106 106 106 106
Limiting Item and permitted overload values for different times and	6hr 20m 10m 5m 3m	84% mva 110	Line Line Line Line Line	580 590 630 710 810	132 135 144 163 185	84% mva 103	Line Line Line Line Line	540 545 580 655 740	123 125 133 149 170	84% mva 89	Line Line Line Line Line	465 470 495 555 625	106 108 113 126 143
pre-fault loads	6hr 20m 10m 5m 3m	75% mva 99	Line Line Line Line Line	580 595 650 760 885	132 136 149 173 203	75% mva 92	Line Line Line Line Line	540 555 600 695 810	123 126 137 159 185	75% mva 79	Line Line Line Line Line	465 475 510 585 685	106 109 116 134 156
	6hr 20m 10m 5m 3m	60% mva 79	Line Line Line Line Line	580 605 675 820 985	132 138 155 187 226	60% mva 73	Line Line Line Line Line	540 560 620 750 900	123 128 142 172 206	60% mva 63	Line Line Line Line Line	465 480 530 635 755	106 110 121 145 173
	6hr 20m 10m 5m 3m	30% mva 39	Line Line Line Line Line	580 615 710 895 1110	132 141 163 205 255	30% mva 36	Line Line Line Line Line	540 570 655 820 1010	123 130 150 187 230	30% mva 31	Line Line Line Line Line	465 490 555 690 845	106 112 127 158 193
	6hr 20m 10m 5m 3m												
	6hr 20m 10m 5m 3m												

Notes or Restrictions Detailed

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### **EXAMPLE**

Offshore TO Name

Services Capability SpecificationGuidance Notes Reference: Part 3 – 3.1 Protection PolicyDate: xx/xx/2009

# **PROTECTION POLICY**

Substation: Wind Farm No1: 132/33kV

**Details of Protection Policy:** 

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### EXAMPLE

Offshore TO Name

Services Capability Specification Guidance Notes Reference: Part 3 – 3.2 Protection & Automatic Switching Schedule

Circuit: Site End A – Site End B T1 132kV Date: xx/xx/2009



Reversion: NO

LINE PROTECTION	<u>SITE END A</u>	<u>SITE END B</u>
<u>1st M.P.</u>		
Back-up Earth Fault		

**Telecommunications Routes** 

PROTECTION SIGNALLING	<u>SITE END A</u>	<u>SITE END B</u>
<u>1st M.P.</u>		
INTERTRIPPING	SITE END A	SITE END B
<u>1st Intertrip</u>	<u>YES</u>	<u>YES</u>

INTERTRIPPING AND PROTECTION UNSTABILISATION INITIATION		<u>SITE E</u>	END A	<u>SITE END B</u>		
		<u>INTERTRIP</u>	<u>UNSTAB.</u>	<u>INTERTRIP</u>	<u>UNSTAB.</u>	
	<u>1st &amp; 2nd M.P.</u>					
SOURCE	Busbar Protection					
	CB Fail Prot					

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<u>SYNCHRONISING</u> FACILITIES	<u>SITE I</u>	SITE END A SITE END E		ND B
FACILITIES	<u>105</u>	<u>1T0</u>	<u>1T0</u>	
Dead Line Charge.	<u>YES</u>			
Circuit Check Synch.			<u>YES</u>	
Live Circuit Close.				

TRANSFORMER INFORMATION	<u>SITE END A</u>	<u>SITE END B</u>
	<u>N/A</u>	<u>T1</u>
Minimum Trip Load (MVA) (LV EI O/C)		
Co-ordinating Gaps in Protected Zone		

### 5 DAR SEQUENCE SCHEDULES

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#### REVERSION: NO

### **<u>1. TRANSIENT LINE FAULT</u>**

LOCATION	OPERATION	TIME (Seconds)
<u>SITE END A</u>	Close CB 105 to Dead Line Charge	<u>15 sec</u>
<u>SITE END B</u>	Close CB 1T0 to Circuit Check Synch	<u>20 sec</u>

DCC – Dead Line Charge SCC – Circuit Cehck Synch

### 2. TRANSIENT LINE FAULT WITH FERRO RESONANCE

LOCATION	<b>OPERATION</b>	TIME (Seconds)
SITE END A		sec
SITE END B		

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### 3. PERSISTENT LINE FAULT

LOCATION	OPERATION	TIME (Seconds)
<u>SITE END A</u>	Close CB 105 to Dead Line Charge & Trips	<u>15 sec</u>
	Isol 103 opens	sec

## 4. T1 FAULT AT SITE END A

LOCATION	<b>OPERATION</b>	TIME (Seconds)
SITE END A	Close CB105 to Dead Line Charge & Trips	<u>15 sec</u>
	Isol 113 opens	<u>sec</u>
	Close CB 105 to Dead Line Charge	<u>sec</u>

#### <u>NOTES</u>

<u>1)</u>

	Revision & Date	Author	Reason for revision
	<u>Draft</u>		First issue.
l			
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### EXAMPLE

Offshore TO Name

Services Capability Specification Guidance Notes Reference: Part 3 – 3.3 Generator Intertrip Schemes Date: xx/xx/2009

# **GENERATOR INTERTRIP SCHEMES**

# Substation: Wind Farm No1: 132/33kV

**Details of Generator Intertrip Schemes:** 

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### EXAMPLE

Offshore TO Name

Services Capability Specification Guidance Notes Reference: Part 3 – 3.4 Demand Intertrip Schemes Date: xx/xx/2009

# **DEMAND INTERTRIP SCHEMES**

# Substation: Wind Farm No1: 132/33kV

**Details of Demand Intertrip Schemes:** 

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### **EXAMPLE**

#### **Offshore TO Name**

Services Capability Specification Guidance Notes Reference: Part 3 – 4.3 Substation Operational Guide Date: xx/xx/2009

# **SUBSTATION OPERATIONAL GUIDE**

## Substation: Wind Farm No1: 132kV

**Location Details:** 

Telephone Nos.	Map Ref.
	<u>Telephone Nos.</u>

National Grid Interface		
<b>Generator Interface</b>		

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### **EXAMPLE**

Offshore TO Name

Services Capability Specification Guidance Notes Reference: Part 3 – 5.1 Automatic Control Systems Date: xx/xx/2009

# **AUTOMATIC CONTROL POLICY**

Substation: Wind Farm No1: 132/33kV

**Details of Automatic Control Policy:** 

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### **EXAMPLE**

**Offshore TO Name** 

Services Capability Specification Guidance Notes Reference: Part 3 – 5.2 Automatic Control Schemes Date: xx/xx/2009

# **AUTOMATIC CONTROL SCHEMES**

# Substation: Wind Farm No1: 132/33kV

**Details of Automatic Control Schemes:** 

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## Appendix **EP**: Abbreviations & Definitions

#### Abbreviations

BETTA British Electricity Trading and Transmission ArrangementsSHETL Scottish Hydro-Electric Transmission LtdSIR Supplementary Information RequestSO System OperatorSPT Scottish Power Transmission LtdSTC SO-TO CodeSTCP SO-TO Code ProcedureTO Transmission OwnerOFTO Offshore Transmission OwnerSCS Services Capability Specification

#### Definitions

**STC Definitions Used:** NGET Party (or Parties)

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