

STCP 12-1 Issue ~~0043~~ Data Exchange Mechanism

STC Procedure Document Authorisation

Party Company	Name of Party Representative	Signature	Date
National Grid Electricity Transmission plc			
SP Transmission Ltd			
Scottish Hydro-Electric Transmission Ltd			
<u>Offshore Transmission Owners</u>			

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
<u>Issue 4</u>	<u>04xx/12xx/2009</u>	<u>Incorporating changes for offshore transmission</u>

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 ~~and~~
 - All Offshore Transmission Licence holders as appointed from time to time by the Authority

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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

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.

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

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

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

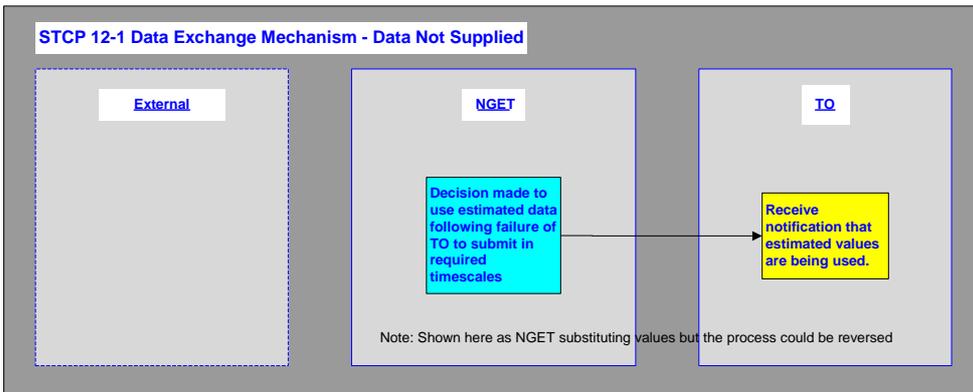
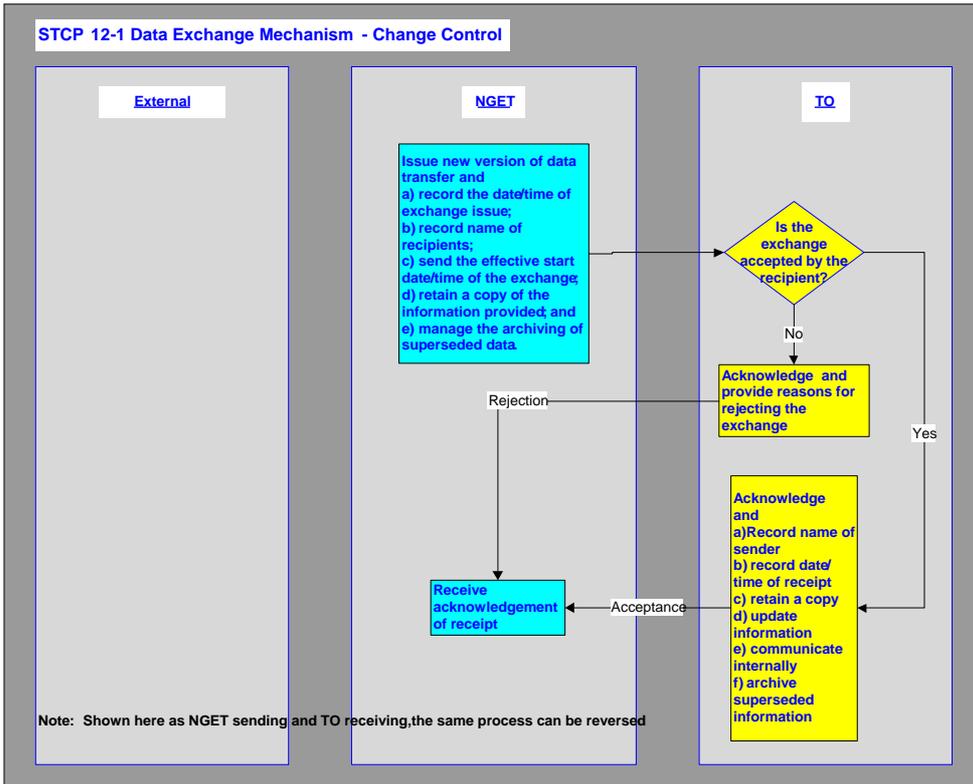
- 3.8.1 Services Capability data for the Offshore TO is exchanged between the Data Co-ordinators using the agreed process between the individual TO and NGET. This process may be defined in the specific Offshore TO Services Capability Specification Guidance Notes to enable each TO to meet their obligations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

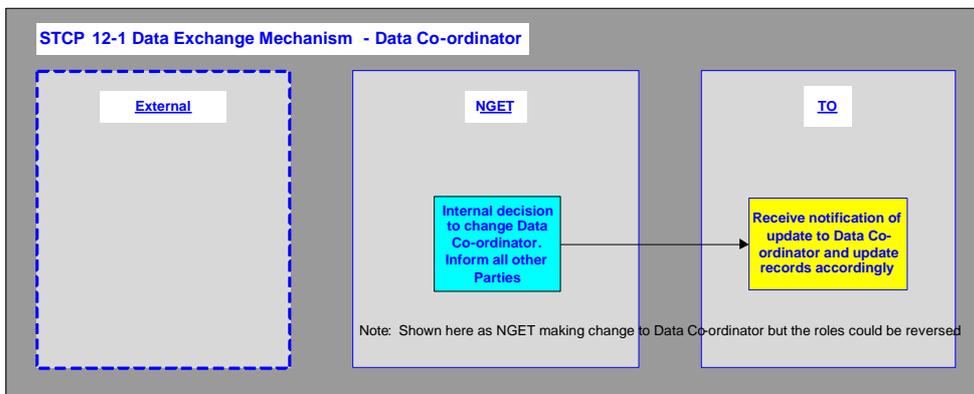
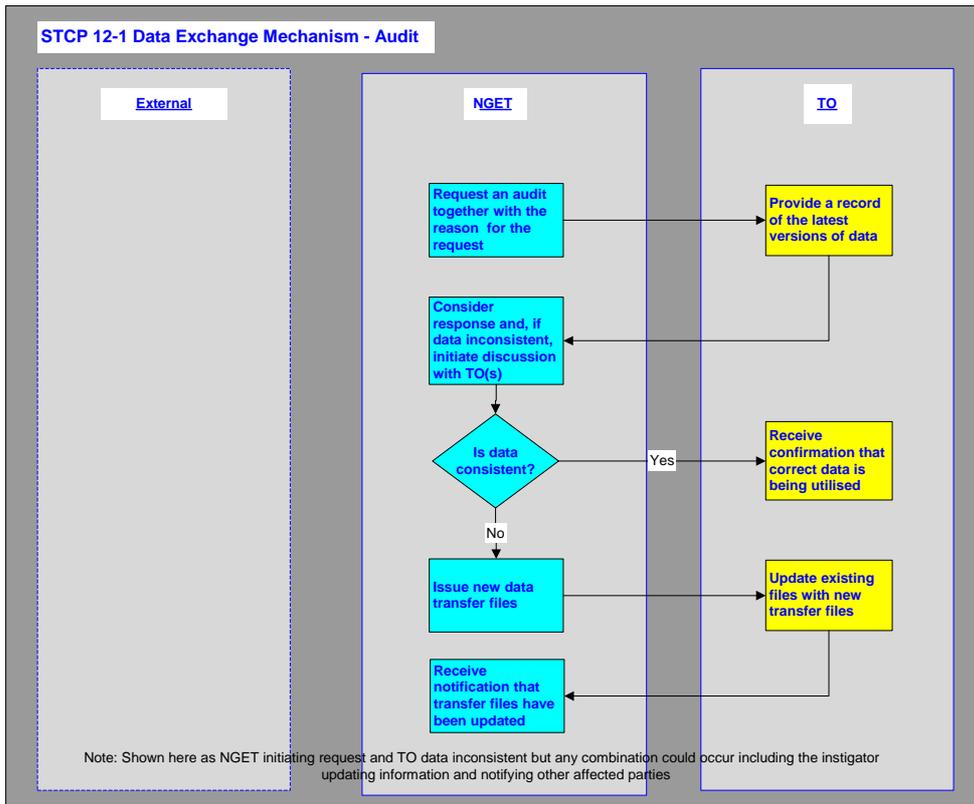
4 Maintenance of this STCP

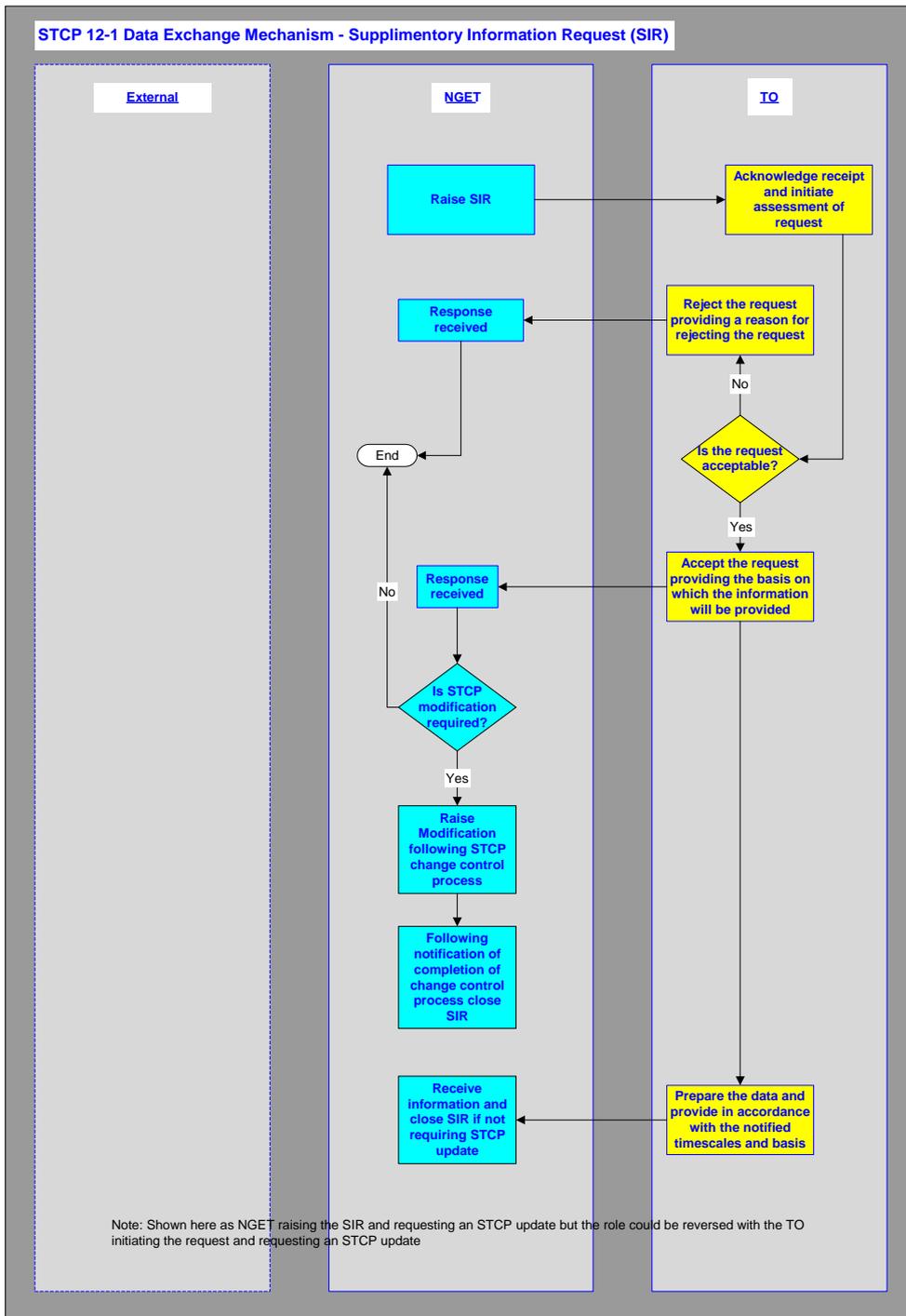
- 4.1 As stated above, one objective of this document is to provide a process for maintaining consistency between STC Processes.
- 4.2 Where a change is proposed to an individual STCP, the following principal steps shall be followed to assess the impact on other STCPs and ensure consistency between documents.
- 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.

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.







Appendix B: Standard Forms / Certificates**Supplementary Information Request (SIR)**

Originator Ref:		
From:		
To:		
Date:		
Date Response Required¹:		
Resolution Contacts – Originator:		
Recipient:		
Information Required (please state all data required):		
Is information to form part of an STCP?	Yes/No	
Purpose / Reason:		
Originator Date for Data Provision²:		
Response:		
Data effective from Date/Time³	Date:	Time:
Provision Target Date⁴:		Date SIR Closed:

¹ The date the instigator of the request requires a response from the receiving party as to whether the request can be serviced.

² The preferred date by which the instigator of the request requires the information.

³ If data provided as part of the response the date from which the data becomes effective.

⁴ The date by which the data will be provided.

STCP Information Request

STCP Information Request		STCP IR Reference⁵ (if any)
To:	From:	STCP Reference:
Date of Request:	Date Response required by:	Response to be sent to:
Information required (Please state all data required):		
STCP Information Response		
Date of Response:	Responder:	Response sent to:
Information Provided (describe all data and any attachments):		
Data effective from Date/Time	Date:	Time:

⁵ As a minimum, a prefix identifying the company shall be inserted

STCP Data Exchange Acknowledgement Form

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

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

<u>Transfer Ref</u>	<u>Lead STCP Ref</u>	<u>Related STCP Ref</u>	<u>Paragraph Reference - bold refers to Lead STCP reference</u>	<u>From Party</u>	<u>To Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item Reference</u>	<u>Information</u>
<u>1</u>	<u>1-1</u>	-	<u>3.4.2.5, 3.4.4.1, 3.4.5.1</u>	<u>NGET</u>	<u>TO</u>	Following the development of the proposed Switching Method for the release of Plant and / or Apparatus required for the Outage(s).	<u>Structured paper</u>	<u>26</u>	<u>Transmission Status Certificate - Parts 1.1, 1.2 and 2.1</u>
<u>2</u>	<u>1-1</u>	-	<u>3.4.2.6, 3.4.4.1, 3.4.5.1</u>	<u>NGET</u>	<u>TO</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 paper</u>	<u>26</u>	<u>Transmission Status Certificate - Parts 1.1, 1.2 and 2.1</u>
<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 paper</u>	<u>26</u>	<u>Transmission Status Certificate - Part 1.3, TO Contact Name</u>
<u>4</u>	<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 paper</u>	<u>26</u>	<u>Transmission Status Certificate - Parts 1.2 and 2.1</u>
<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	<u>Structured paper</u>	<u>26</u>	<u>Transmission Status Certificate - Part 1.3, TO Contact Name</u>
<u>6</u>	<u>1-1</u>	-	<u>3.4.2.8</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 release of Plant and/or Apparatus	<u>Structured paper</u>	<u>26</u>	<u>Transmission Status Certificate - Part 1.3, NGET Contact Name</u>

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

<u>Transfer Ref</u>	<u>Lead STCP Ref</u>	<u>Related STCP Ref</u>	<u>Paragraph Reference - bold refers to Lead STCP reference</u>	<u>From Party</u>	<u>To Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item Reference</u>	<u>Information</u>
<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	<u>Structured paper</u>	<u>26</u>	<u>Transmission Status Certificate - Parts 1.1, 1.2 and 2.1</u>
<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 paper</u>	<u>26</u>	<u>Transmission Status Certificate - Part 1.3, TO Contact Name</u>
<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 paper</u>	<u>26</u>	<u>Transmission Status Certificate - Part 1.3, NGET Contact Name</u>
<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	<u>Structured paper</u>	<u>26</u>	<u>Transmission Status Certificate - Part 3, Names and Date and Time</u>
<u>18</u>	<u>1-1</u>	-	<u>3.4.7.5, 3.6.3</u>	<u>TO</u>	<u>NGET</u>	Where there is a partial return to service of Plant and/or Apparatus indicated on the TSC	<u>Structured paper</u>	<u>26</u>	<u>Transmission Status Certificate - Part 3, Exceptions</u>
<u>19</u>	<u>1-1</u>	-	<u>3.4.7.6, 3.6.3</u>	<u>NGET</u>	<u>TO</u>	Following receipt of the cancellation notice where there are notified exceptions to that	<u>Structured paper</u>	<u>26</u>	<u>Isolation Transmission Status Certificate (isolation)- Part 2.1, Plant and / or Apparatus</u>

<u>Transfer Ref</u>	<u>Lead STCP Ref</u>	<u>Related STCP Ref</u>	<u>Paragraph Reference - bold refers to Lead STCP reference</u>	<u>From Party</u>	<u>To Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item Reference</u>	<u>Information</u>
						<u>cancellation</u>			<u>remaining under TO control.</u>
<u>20</u>	<u>1-1</u>	-	<u>3.4.7.7, 3.6.3</u>	<u>NGET</u>	<u>TO</u>	<u>Following the issue of the Isolation Transmission Service Certificate</u>	<u>Structured paper</u>	<u>26</u>	<u>Isolation Transmission Status Certificate - Part 2.2, NGET Contact Name</u>
<u>21</u>	<u>1-1</u>	-	<u>3.4.7.7, 3.6.3</u>	<u>TO</u>	<u>NGET</u>	<u>Following the issue of the Isolation Transmission Service Certificate</u>	<u>Structured paper</u>	<u>26</u>	<u>Isolation Transmission Status Certificate - Part 2.2, TO Contact Name</u>
<u>22</u>	<u>1-1</u>	-	<u>3.4.7.8, 3.6.3</u>	<u>TO</u>	<u>NGET</u>	<u>Following completion and exchange of Part 2.2 of the Isolation TSC</u>	<u>Structured paper</u>	<u>26</u>	<u>Transmission Status Certificate (original) - Part 3, Names and Date and Time</u>
<u>23</u>	<u>1-1</u>	-	<u>3.4.7.8, 3.6.3</u>	<u>NGET</u>	<u>TO</u>	<u>Following completion and exchange of Part 2.2 of the Isolation TSC</u>	<u>Structured paper</u>	<u>26</u>	<u>Transmission Status Certificate (original) - Part 3, Names and Date and Time</u>
<u>24</u>	<u>1-1</u>	-	<u>3.4.7.10, 3.6.3</u>	<u>NGET</u>	<u>TO</u>	<u>Following receipt of the TSC with part 3 completed</u>	<u>Structured paper</u>	<u>26</u>	<u>Return Transmission Status Certificate - Parts 1, 1.1, and 1.2</u>
<u>25</u>	<u>1-1</u>	-	<u>3.4.7.11</u>	<u>NGET</u>	<u>TO</u>	<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>	<u>Structured paper</u>	<u>26</u>	<u>Return Transmission Status Certificate - Parts 1.1, 1.2 and 2.1</u>

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

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

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

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

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

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

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

<u>Transfer Ref</u>	<u>Lead STCP Ref</u>	<u>Related STCP Ref</u>	<u>Paragraph Reference - bold refers to Lead STCP reference</u>	<u>From Party</u>	<u>To Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item Reference</u>	<u>Information</u>
<u>72</u>	<u>4-4</u>	-	<u>3.1.1</u>	<u>TO</u>	<u>NGET</u>	<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</u>	<u>Structured email / paper</u>	<u>76</u>	<u>Service Restoration Proposal</u>
<u>73</u>	<u>4-4</u>	-	<u>3.1.1</u>	<u>TO</u>	<u>NGET</u>	<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</u>	<u>Structured email / paper</u>	<u>105</u>	<u>Operational Capability Limits Record</u>
<u>74</u>	<u>4-4</u>	-	<u>3.2.3</u>	<u>TO</u>	<u>NGET</u>	<u>Following identification that an OCLR is unclear or inconsistent with another OCLR and following verbal notification</u>	<u>Structured email / paper</u>	<u>105</u>	<u>Operational Capability Limits Record. There may also be a need to cancel an existing OCLR</u>
<u>75</u>	<u>4-4</u>	-	<u>3.3.1</u>	<u>TO</u>	<u>NGET</u>	<u>Following identification that it is acceptable to operate Plant and Apparatus above its NCL with limitations and restrictions</u>	<u>Structured email / paper</u>	<u>105</u>	<u>Operational Capability Limits Record</u>
<u>76</u>	<u>4-4</u>	-	<u>3.3.3</u>	<u>NGET</u>	<u>TO</u>	<u>Identification that it is necessary to operate plant and apparatus in excess of its declared normal capability limit</u>	<u>Structured email / paper</u>	<u>106</u>	<u>Enhanced OCL Request Record - part 1</u>
<u>77</u>	<u>4-4</u>	-	<u>3.3.6</u>	<u>TO</u>	<u>NGET</u>	<u>Following receipt of enhanced request and assessment of the request</u>	<u>Structured email / paper</u>	<u>106</u>	<u>Enhanced OCL Request Record - part 2</u>
<u>78</u>	<u>4-4</u>	-	<u>3.3.7</u>	<u>TO</u>	<u>NGET</u>	<u>Following acceptance of a request to enhance OCL</u>	<u>Structured email / paper</u>	<u>105</u>	<u>Operational Capability Limits Record</u>

<u>Transfer Ref</u>	<u>Lead STCP Ref</u>	<u>Related STCP Ref</u>	<u>Paragraph Reference - bold refers to Lead STCP reference</u>	<u>From Party</u>	<u>To Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item Reference</u>	<u>Information</u>
<u>79</u>	<u>4-4</u>	-	<u>3.6.1, 3.6.2</u>	<u>TO</u>	<u>NGET</u>	<u>Following the requirement to permanently cancel an Enhanced OCL</u>	<u>Structured email / paper</u>	<u>105</u>	<u>Operational Capability Limits Record. A new OCLR should be issued simultaneously with the cancellation of the OCLR that contains the Enhanced OCL</u>
<u>80</u>	<u>4-4</u>	-	<u>3.6.2</u>	<u>TO</u>	<u>NGET</u>	<u>Following permanent cancellation of enhanced OCLs</u>	<u>Structured email / paper</u>	<u>106</u>	<u>Enhanced OCL Request Record - part 3</u>
<u>81</u>	<u>4-4</u>	-	<u>3.6.2</u>	<u>NGET</u>	<u>TO</u>	<u>Following permanent cancellation of enhanced OCLs</u>	<u>Structured email / paper</u>	<u>106</u>	<u>Enhanced OCL Request Record - part 3</u>
<u>82</u>	<u>4-4</u>	-	<u>3.8.1</u>	<u>TO</u>	<u>NGET</u>	<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</u>	<u>Unstructured FAX</u>	<u>103</u>	<u>Operational Safety Bulletin.</u>
<u>83</u>	<u>4-4</u>	-	<u>3.8.2</u>	<u>NGET</u>	<u>TO</u>	<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</u>	<u>Unstructured FAX</u>	<u>103</u>	<u>Operational Safety Bulletin</u>
<u>84</u>	<u>4-5</u>	-	<u>3.3.1</u>	<u>TO</u>	<u>NGET</u>	<u>Following a Party's acknowledgement that a proposed change may have a significant impact on its ability to provide the required infrastructure</u>	<u>Unstructured email</u>	<u>78</u>	<u>Notification that proposed changes may have a significant impact on that Party's ability to provide the required telephony infrastructure.</u>
<u>85</u>	<u>4-5</u>	-	<u>3.4.1</u>	<u>TO</u>	<u>NGET</u>	<u>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</u>	<u>Unstructured email</u>	<u>78</u>	<u>Notification that an outage is required that could impact on the ability to provide the required telephony infrastructure.</u>

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

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

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

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

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

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

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

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

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146	10-1	-	3.1.3	TO	NGET	Following notification from NGET of User changes to asset nomenclature	Unstructured email	78	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
147	10-1	-	3.1.4	NGET	TO	Change or additions to Plant and Apparatus numbering and nomenclature at NGET-TO or TO-TO interface	Unstructured Email / paper	88	NGET notifying appropriate TO of changes to asset nomenclature. There is no requirement for a response to this notice.
148	10-1	-	3.1.9	NGET	TO	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	116	Asset numbering and nomenclature standards adopted by each of the STC Parties
149	11-1	11-2 8-2 8-3 8-4	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)	TO	NGET	At any time during years 2 to 6	Structured email / paper	74	Outage Proposal

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

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

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169	11-1	-	5.3.1	NGET	TO	As a change to the Outage Plan is identified	Unstructured email / paper	188	An outage change notification sent to TOs which are materially affected by a change
170	11-2	-	4.1.6	NGET	TO	After an Outage cannot be placed on the dates requested by a TO and the proposal of alternative dates	Unstructured email / paper	188	An outage change proposal
171	11-2	-	4.3.3	TO	NGET	On supplying 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	11-2	-	4.3.3	NGET	TO	On receipt of an Outage Request and a request for an acknowledgement once the Outage Request has been included in the Outage Plan	Structured email	77	Response to a request for acknowledgement that an Outage Request has been agreed
173	11-3	-	3.2.2	NGET	TO	If NGET believes an Outage Change may be required	Structured email	218	Request for an Outage Change Cost Estimate
174	11-3	-	3.2.5 3.2.7	TO	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.	Structured email	209	Outage Change Cost Estimate
175	11-3	-	3.2.9	NGET	TO	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
176	11-3	-	3.2.10	TO	NGET	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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						<u>Outage Change Cost Estimate</u>			<u>Change Cost Estimate</u>
<u>177</u>	<u>11-3</u>	-	<u>3.2.14</u>	<u>NGET</u>	<u>TO</u>	<u>Following assessment of the Outage change request</u>	<u>Structured email</u>	<u>209</u>	<u>Approval or Rejection of Outage Change Cost Estimate</u>
<u>178</u>	<u>11-3</u>	-	<u>5.1.2</u>	<u>TO</u>	<u>NGET</u>	<u>Each month in which there are significant changes of potential significant changes to any Outage Change Cost Estimate</u>	<u>Unstructured email</u>	<u>78</u>	<u>Notification form stating any significant change or potential significant change to cost estimates</u>
<u>179</u>	<u>12-1</u>	-	<u>3.3.2</u>	<u>NGET</u>	<u>TO</u>	<u>Request for an audit of defined information</u>	<u>Structured email</u>	<u>77</u>	<u>STCP IR (request)</u>
<u>180</u>	<u>12-1</u>	-	<u>3.3.3</u>	<u>NGET</u>	<u>TO</u>	<u>Response to a request for an audit of the information and the requested information</u>	<u>Structured email</u>	<u>77</u>	<u>STCP IR (response)</u>
<u>181</u>	<u>12-1</u>	-	<u>3.3.3</u>	<u>NGET</u>	<u>TO</u>	<u>On completion of a consistency check</u>	<u>Unstructured email</u>	<u>114</u>	<u>Audit consistency statement</u>
<u>182</u>	<u>12-1</u>	-	<u>3.2.2.2</u>	<u>NGET</u>	<u>TO</u>	<u>Acknowledge / rejection of any data transfer</u>	<u>Structured Email</u>	<u>69</u>	<u>Acknowledgement of receipt of transfer</u>
<u>183</u>	<u>12-1</u>	-	<u>3.5.3</u>	<u>NGET</u>	<u>TO</u>	<u>Requirement for Supplementary Information</u>	<u>Structured Email</u>	<u>79</u>	<u>Supplementary Information Request</u>
<u>184</u>	<u>12-1</u>	-	<u>3.5.8</u>	<u>NGET</u>	<u>TO</u>	<u>On receipt of SIR</u>	<u>Structured Email</u>	<u>79</u>	<u>Response to the Supplementary Information Request</u>
<u>185</u>	<u>12-1</u>	-	<u>3.7.1</u>	<u>NGET</u>	<u>TO</u>	<u>Changes to Data Co-ordinators</u>	<u>Unstructured email</u>	<u>107</u>	<u>Details of new data co-ordinator and /or the deletion of the existing co-ordinator</u>
<u>186</u>	<u>13-1</u>	-	<u>3.1.1</u>	<u>NGET</u>	<u>TO</u>	<u>By 1st November each year</u>	<u>Structured email</u>	<u>77</u>	<u>Request for forecast of TO General System Charge for the following Financial Year</u>

<u>Transfer Ref</u>	<u>Lead STCP Ref</u>	<u>Related STCP Ref</u>	<u>Paragraph Reference - bold refers to Lead STCP reference</u>	<u>From Party</u>	<u>To Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item Reference</u>	<u>Information</u>
<u>187</u>	<u>13-1</u>	-	<u>3.1.1</u>	<u>TO</u>	<u>NGET</u>	<u>By 30th November each year</u>	<u>Structured email</u>	<u>77</u>	<u>Forecast TO General System Charge for the following Financial Year</u>
<u>188</u>	<u>13-1</u>	-	<u>3.1.3</u>	<u>TO</u>	<u>NGET</u>	<u>Following calculation of the monthly TO General System Charge</u>	<u>Structured paper</u>	<u>82</u>	<u>Invoice</u>
<u>189</u>	<u>13-1</u>	-	<u>3.1.2</u>	<u>NGET</u>	<u>TO</u>	<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</u>	<u>BACS transfer</u>	<u>BACS transfer</u>	<u>Payment of invoice</u>
<u>190</u>	<u>13-1</u>	-	<u>3.2.2</u>	<u>TO</u>	<u>NGET</u>	<u>By 30th November each year</u>	<u>Structured email</u>	<u>1</u>	<u>A schedule of TO Site-Specific Charges per site per customer for each month of the following financial year</u>
<u>191</u>	<u>13-1</u>	-	<u>3.2.3</u>	<u>NGET</u>	<u>TO</u>	<u>More than 3 months prior to a change to the schedule of the monthly TO Site-Specific Charges</u>	<u>Unstructured email</u>	<u>78</u>	<u>Notification form detailing the change to the schedule</u>
<u>192</u>	<u>13-1</u>	-	<u>3.2.5</u>	<u>TO</u>	<u>NGET</u>	<u>Following calculation of the monthly TO Site-Specific Charge</u>	<u>Structured paper</u>	<u>82</u>	<u>Invoice</u>
<u>193</u>	<u>13-1</u>	-	<u>3.2.4</u>	<u>NGET</u>	<u>TO</u>	<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</u>	<u>BACS transfer</u>	<u>BACS transfer</u>	<u>Payment of invoice</u>

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

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<u>198</u>	<u>14-1</u>	-	<u>3.2.2</u>	<u>TO</u>	<u>NGET</u>	<u>31 October / Annual</u>	<u>Structured email</u>	<u>77</u>	<u>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>
<u>199</u>	<u>14-1</u>	-	<u>4.1.2</u>	<u>NGET</u>	<u>TO</u>	<u>Following the use of substitute data where no data has been provided or the data is subject to dispute</u>	<u>Unstructured email</u>	<u>78</u>	<u>Notification that substitute data has been used</u>
<u>200</u>	<u>14-2</u>	-	<u>3.1.1</u>	<u>NGET</u>	<u>TO</u>	<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.</u>	<u>Unstructured email</u>	<u>78</u>	<u>Notification that data may be required to enable the charging consultation.</u>
<u>201</u>	<u>14-2</u>	-	<u>3.1.2</u>	<u>NGET</u>	<u>TO</u>	<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</u>	<u>Structured email</u>	<u>14</u>	<u>Request for data requirements for charging consultation.</u>
<u>202</u>	<u>14-2</u>	-	<u>3.1.5</u>	<u>TO</u>	<u>NGET</u>	<u>Within 10 Business Days of a formal request for data to assist in the planned charging consultation.</u>	<u>As agreed within the process</u>	<u>None - information provided as agreed within the process</u>	<u>Provision of data requirements for charging consultation. The information may be in any form including a verbal response.</u>
<u>203</u>	<u>14-3</u>	-	<u>3.1.1</u>	<u>NGET</u>	<u>TO</u>	<u>Following need to request assistance from TO to respond to</u>	<u>Structured email</u>	<u>15</u>	<u>Request for assistance following a customer charging query.</u>

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						<u>a customer query</u>			
<u>204</u>	<u>14-3</u>	-	<u>3.1.2</u>	<u>TO</u>	<u>NGET</u>	<u>Following receipt of a request for assistance.</u>	<u>Structured email</u>	<u>15</u>	<u>Response to a request for assistance from NGET resulting from an original query from a customer.</u>
<u>205</u>	<u>14-3</u>	-	<u>3.1.3</u>	<u>TO</u>	<u>NGET</u>	<u>Within 5 Business Days of the request to respond to an NGET charging query originating from a customer</u>	<u>As agreed within the process</u>	<u>None - information provided as agreed within the process</u>	<u>Provision of data requirements for charging consultation. The information may be in any form including a verbal response.</u>
<u>206</u>	<u>16-1</u>	-	<u>4.2.7</u>	<u>TO</u>	<u>NGET</u>	<u>Following identification of a number of options for system reinforcement or modification where additional data is required</u>	<u>Structured email</u>	<u>77</u>	<u>Request for additional data, including MWh & MVARh costs, estimate of constraint volumes, constraint locations</u>
<u>207</u>	<u>16-1</u>	-	<u>4.2.8</u>	<u>NGET</u>	<u>TO</u>	<u>Following request for more information to assist a TO with their economic analysis of the security standards</u>	<u>Structured email</u>	<u>77</u>	<u>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</u>
<u>208</u>	<u>16-1</u>	-	<u>4.2.9</u>	<u>TO</u>	<u>NGET</u>	<u>Following completion of Project Listing and PLD for each project within the BOI of the Party</u>	<u>Structured email / paper</u>	<u>1. 210 2. 63</u>	<u>1. Project Listing 2. Project Listings Document</u>
<u>209</u>	<u>16-1</u>	-	<u>4.2.11</u>	<u>NGET</u>	<u>TO</u>	<u>Following receipt of projects that fall within the BOI</u>	<u>Unstructured email / paper</u>	<u>46</u>	<u>Comments on projects within Project Listings sent to the Party</u>

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210	16-1	-	4.2.14	NGET	TO	Following completion of first draft of Operational Assessment on Project Listings	Structured email / paper	64	Draft Operational Assessment Report
211	16-1	-	4.2.15	TO	NGET	Following consideration of the Operational Assessment Report and its reviews	Structured email / paper	1. 210 2. 63 3. 130	1. Project Listing 2. Revised Project Listings Document 3. Revised Datasets
212	16-1	-	4.2.16	NGET	TO	Following completion of further Operational Assessment to reflect any agreed changes to the PLD(s).	Structured email / paper	64	Operational Assessment report
213	16-1	-	4.2.18	TO	NGET	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	1. 63 2. 210	1. Project Listing Document 2. Project Listings
214	16-1	-	4.2.18	NGET	TO	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	78	Notification form acknowledging the TO's final Project Listings
215	16-1	-	4.2.19	NGET	TO	Following the updating of any Project Listing and PLD	1. Structured email 2. Unstructured email	1. 63 2. 210	1. Project Listing Document 2. Project Listings

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

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<u>224</u>	<u>17-1</u>	-	<u>3.4.1</u>	<u>TO</u>	<u>NGET</u>	<u>Following receipt of request for information to assist with the Customer Feasibility Study Offer</u>	<u>1. Structured email 2. Unstructured email/paper</u>	<u>1. 77 2. 154</u>	<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>
<u>225</u>	<u>17-1</u>	-	<u>3.4.3</u>	<u>NGET</u>	<u>TO</u>	<u>Following clarification and the need to revise or withdraw its request for LPFSO.</u>	<u>Unstructured email/paper</u>	<u>78</u>	<u>Notification of revision to or withdrawal of Lead Party Feasibility Study Offer</u>
<u>226</u>	<u>17-1</u>	-	<u>3.4.3</u>	<u>TO</u>	<u>NGET</u>	<u>Following request to analyse original offer as a result of a clarification of that offer and the decision is made to revise</u>	<u>Structured email / paper</u>	<u>154</u>	<u>Revised Lead Party Feasibility Study Offer</u>
<u>227</u>	<u>17-1</u>	-	<u>3.4.3</u>	<u>TO</u>	<u>NGET</u>	<u>Following request to analyse original offer as a result of a clarification of that offer and the decision is made to withdraw offer</u>	<u>Unstructured email / paper</u>	<u>78</u>	<u>Notification provided to withdraw the LPFSO</u>
<u>228</u>	<u>17-1</u>	-	<u>3.5.1</u>	<u>TO</u>	<u>NGET</u>	<u>Within 10 Business Days or other agreed time period of the signing of the Lead Party Feasibility Study Offer</u>	<u>Unstructure email / paper</u>	<u>78</u>	<u>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</u>

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

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240	17-1	-	3.9.6	TO	NGET	Following receipt of Customer Study Report	Unstructured email / paper	157	Signed agreement to report
241	17-1	-	3.10.1	NGET	TO	Following issue of report to the customer	Unstructured email / paper	156	A copy or extract of the Customer Study Report
242	17-1	-	3.11.2	NGET	TO	Following query by the customer of the details of the invoice	Structured email	77	Request for information on the costs of the report
243	17-1	-	3.11.2	TO	NGET	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
244	18-1	19-6 18-2 16-1	3.2.2.4 (STC19-6, 3.4.1) (STC18-2, 3.3.2) (STC16-1, 4.5.5.1)	NGET	TO	Within 3 Business Days of receipt of Application	Structured email / paper	1. 6 (new connection) 2. 120 (modification) 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
245	18-1	-	3.2.3.1	TO	NGET	Within 2 Business Days of receipt of the NGET Construction application form and SBN	Unstructured email	7	TO contact details
246	18-1	-	3.2.3.1	NGET	TO	Following receipt of details of the TO Lead Person contact details	Structured email	80	Updated SBN
247	18-1	19-6	3.2.5.1 (STCP19-6, 3.4.1)	NGET	TO	On clearance of the application fee	Structured email	80	Updated SBN - Fee Cleared Actual Date

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248	18-1	-	3.2.6.1	TO	NGET	Within 5 business days of receipt of application	Unstructured email	119	Technical competency of an application.
249	18-1	-	3.2.7.2	NGET	TO	Following acknowledgement that the application is non-effective	Structured email	80	Updated SBN - Applicant Informed Non-effective
250	18-1	-	3.2.9.1	NGET	TO	Following receipt of missing/additional data from the Applicant	Structured email	1. 78 2. 80	1. Notification form complete with the missing/additional data from the User 2. Updated SBN - date missing/additional data received
251	18-1	-	3.2.9.2	TO	NGET	Within 3 Business Days following receipt of the additional technical information.	Unstructured email / paper	119	Technical competency of an application.
252	18-1	-	3.2.10.1	NGET	TO	Following assessment that application is competent	Structured email	80	Updated SBN - User Application Date, NGET Application Date, draft Application Programme dates
253	18-1	-	3.2.11.1	NGET	TO	Within 5 Business Days of the User Application Date if NGET generates Construction Planning Assumptions	Unstructured email	129	Construction Planning Assumptions
254	18-1	-	3.2.11.2	NGET	TO	Within 2 Business Days of User Application Date if NGET do not intend to generate a set of Construction Planning Assumptions	Unstructured email	123	Notification that NGET will not be requesting construction planning assumptions for this Application
255	18-1	-	3.2.11.3	NGET	TO	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	129	Revised and updated Construction Planning Assumptions which take account of the generation and demand backgrounds in STCP22-1

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256	18-1	-	3.2.12.1	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.
257	18-1	-	3.2.13.2	TO	NGET	1 Business Day prior to the meeting to agree the Application Programme	Structured email / paper	131	Confirmation or recommended amendment to draft Application Programme
258	18-1	-	3.2.16.2	TO	NGET	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
259	18-1	-	3.2.16.2	NGET	TO	Following request to update the Schedule of NETS Location Codes	Structured email	80	Updated SBN - Agree NETS Location Codes
260	18-1	-	3.2.17.1	TO	NGET	Following TO(s) consideration of preferred connection option	Structured email / paper	81	Updated CION - Section 1
261	18-1	-	3.2.18.4	NGET	TO	Following the carrying out of the Economic Impact assessment as defined within the Application Programme	Structured email / paper	81	Updated CION - Section 2

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262	18-1	-	3.2.20.3	TO	NGET	Following confirmation of the proposed connection and infrastructure option as defined within the Application Programme	Structured email / paper	81	Updated CION - Section 3
263	18-1	-	3.2.21.1	TO	NGET	Following completion of detailed design of connection infrastructure information	Structured email / paper	81	Updated CION - Section 3 . Detailed connection and infrastructure design
264	18-1	-	3.2.22.1	NGET	TO	Following agreement of the connection and infrastructure option	Structured email	10	Breakdown of works into connection asset, infrastructure and one off works
265	18-1	-	3.2.23.1 , 3.2.23.2	TO	NGET	Following receipt of a description of the charging and Offer information required	Structured email	1. 10 2. 205	1. Charging Information Requirements 2. Other Charging Information Requirements
266	18-1	-	3.2.25.1	TO	NGET	Following readiness to Offer Terms as defined in the Application Programme	Structured email	12	TO Construction Offer
267	18-1	-	3.2.25.2	NGET	TO	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	124	Request for the requirement of a revised TO Construction Offer once further detailed system studies have been undertaken
268	18-1	-	3.2.26.2	NGET	TO	Following request from the Applicant for extension to timescales	Structured email	77	Information to include Scheme Number, Reasons for the extension request, the extension required
269	18-1	-	3.2.26.2	TO	NGET	Following receipt of request to extend timescales and agreement to the request	Unstructured email / paper	78	Confirmation of increase in extension
270	18-1	-	3.2.26.2	NGET	TO	Following receipt of confirmation to extend timescales	Structured email	80	Updated SBN

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

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						<u>Report</u>			
<u>280</u>	<u>18-1</u>	-	<u>3.3.1.10</u>	<u>TO</u>	<u>NGET</u>	<u>Within 5 Business Days of receipt of request to clarify details of the Indemnity Agreement Status Report or as stated within that request</u>	<u>Structured email</u>	<u>77</u>	<u>Response to a request for clarification on details within the Indemnity Status Report.</u>
<u>281</u>	<u>18-1</u>	-	<u>3.3.1.11</u>	<u>NGET</u>	<u>TO</u>	<u>Following need to extend the term or the value of the indemnity</u>	<u>Structured email</u>	<u>77</u>	<u>Requirement to extend the term and/or value of the indemnity</u>
<u>282</u>	<u>18-1</u>	-	<u>3.3.1.12</u>	<u>NGET</u>	<u>TO</u>	<u>Following need to cease working under the terms of the indemnity</u>	<u>Unstructured email</u>	<u>78</u>	<u>Instruction to cease work under the Indemnity Agreement</u>
<u>283</u>	<u>18-1</u>	-	<u>3.3.1.13</u>	<u>TO</u>	<u>NGET</u>	<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.</u>	<u>Structured email / paper</u>	<u>82</u>	<u>Invoice and payment details</u>
<u>284</u>	<u>18-1</u>	-	<u>3.3.2.3</u>	<u>NGET</u>	<u>TO</u>	<u>Following the requirement to make an application for an extension to timescales</u>	<u>Structured email</u>	<u>77</u>	<u>Request for information to assist with an application to extend the application process timescales</u>
<u>285</u>	<u>18-1</u>	-	<u>3.3.2.3</u>	<u>TO</u>	<u>NGET</u>	<u>Following a request to provide information to assist in the application to extend the application process timescales</u>	<u>Structured email</u>	<u>77</u>	<u>Response to a request for information to assist with an application to extend the application process timescales</u>
<u>286</u>	<u>18-1</u>	-	<u>3.3.2.3, 3.3.2.4</u>	<u>TO</u>	<u>NGET</u>	<u>Following receipt of a request for information to assist with NGET's request to the Authority for extending the application process timetable</u>	<u>Structured email</u>	<u>77</u>	<u>Response to a request for information to assist with an extension request to the Authority</u>

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<u>287</u>	<u>18-1</u>	-	<u>3.3.2.4</u>	<u>TO</u>	<u>NGET</u>	<u>Following the decision to submit a request to extend the application process timescales to the Authority</u>	<u>Unstructured email</u>	<u>78</u>	<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>
<u>288</u>	<u>18-1</u>	-	<u>3.3.2.5</u>	<u>NGET</u>	<u>TO</u>	<u>Following the granting to an extension to the application timescales by the Authority</u>	<u>Structured email</u>	<u>80</u>	<u>Updated SBN</u>
<u>289</u>	<u>18-1</u>	-	<u>3.3.5.1.2</u>	<u>NGET</u>	<u>TO</u>	<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</u>	<u>Unstructured email</u>	<u>78</u>	<u>Notification form giving details of the required meeting of the Application Steering Group</u>
<u>290</u>	<u>18-1</u>	-	<u>3.3.5.1.3</u>	<u>NGET</u>	<u>TO</u>	<u>Following a modification to the Construction Planning Assumptions</u>	<u>Unstructured email</u>	<u>129</u>	<u>Modified Construction Planning Assumptions</u>
<u>291</u>	<u>18-1</u>	-	<u>3.3.5.2.1</u>	<u>TO</u>	<u>NGET</u>	<u>At any time prior to issuing its TO Construction Offer following the need to make a request to change its Construction Planning Assumptions</u>	<u>Structured email</u>	<u>77</u>	<u>Request for a change to the Construction Planning Assumptions including a reason for such request.</u>
<u>292</u>	<u>18-1</u>	-	<u>3.3.5.2.2</u>	<u>NGET</u>	<u>TO</u>	<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</u>	<u>Unstructured email</u>	<u>78</u>	<u>Notification form giving details of the required meeting of the Application Steering Group</u>

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						<u>Construction Planning Assumptions</u>			
<u>293</u>	<u>18-1</u>	-	<u>3.3.5.2.3</u>	<u>NGET</u>	<u>TO</u>	<u>Following receipt of request from TO to modify the Construction Planning Assumptions prior the issue of the Offer by NGET</u>	<u>Unstructured email</u>	<u>78</u>	<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>
<u>294</u>	<u>18-1</u>	-	<u>3.3.5.3.3</u>	<u>NGET</u>	<u>TO</u>	<u>Following the issuing of an Offer and the Construction Planning Assumptions need to be revised</u>	<u>Structured email</u>	<u>1. 129</u> <u>2. 80</u>	<u>1. Modified Construction 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>	<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</u>	<u>Structured email</u>	<u>77</u>	<u>Request for a change to the Construction Planning Assumptions including a reason for such request.</u>
<u>296</u>	<u>18-1</u>	-	<u>3.3.5.4.3</u>	<u>NGET</u>	<u>TO</u>	<u>Following receipt of request from TO to modify the Construction Planning Assumptions after the issue of the Offer by NGET</u>	<u>Unstructured email</u>	<u>78</u>	<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>
<u>297</u>	<u>18-1</u>	-	<u>3.3.5.4.5</u>	<u>NGET</u>	<u>TO</u>	<u>Following the issuing of an Offer and the revision of the Construction Planning Assumptions</u>	<u>Structured email</u>	<u>1. 129</u> <u>2. 80</u>	<u>1. Modified Construction Planning Assumptions</u> <u>2. Updated SBN</u>

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

<u>Transfer Ref</u>	<u>Lead STCP Ref</u>	<u>Related STCP Ref</u>	<u>Paragraph Reference - bold refers to Lead STCP reference</u>	<u>From Party</u>	<u>To Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item Reference</u>	<u>Information</u>
									<u>Applicant</u>
<u>307</u>	<u>18-2</u>	-	<u>3.2.9.2</u>	<u>NGET</u>	<u>TO</u>	<u>On receipt of Network data from DNO</u>	1. <u>Unstructured email</u> 2. <u>Structured email</u>	1. <u>59</u> 2. <u>80</u>	1. <u>DNO Network data as required - may differ with each application request</u> 2. <u>Updated SBN - date missing/additional technical data has been received from DNO</u>
<u>308</u>	<u>18-2</u>	-	<u>3.2.9.3</u>	<u>TO</u>	<u>NGET</u>	<u>Within 3 Business Days of receipt of the missing/additional technical data</u>	<u>Unstructured email / paper</u>	<u>119</u>	<u>Technical competency of an application.</u>
<u>309</u>	<u>18-2</u>	-	<u>3.2.10.1</u>	<u>NGET</u>	<u>TO</u>	<u>Following confirmation that the NGET Construction Application is technically effective</u>	<u>Structured email</u>	<u>80</u>	<u>Updated SBN - User Application Date, NGET Application Date, draft Application Programme dates</u>
<u>310</u>	<u>18-2</u>	-	<u>3.2.11.1</u>	<u>NGET</u>	<u>TO</u>	<u>Within 5 Business Days of the User Application Date if NGET generates Construction Planning Assumptions</u>	<u>Unstructured email</u>	<u>129</u>	<u>Construction Planning Assumptions</u>
<u>311</u>	<u>18-2</u>	-	<u>3.2.11.2</u>	<u>NGET</u>	<u>TO</u>	<u>Within 2 Business Days of User Application Date if NGET do not intend to generate a set of Construction Planning Assumptions</u>	<u>Unstructured email</u>	<u>123</u>	<u>Notification that NGET will not be requesting construction planning assumptions for this Application</u>

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312	18-2	-	3.2.11.3	NGET	TO	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	129	Revised and updated Construction Planning Assumptions which take account of the generation and demand backgrounds in STCP22-1
313	18-2	-	3.2.12.2	TO	NGET	1 Business Day prior to the meeting to agree the Application Programme or within 21 calendar days from receipt of effective NGET Construction Application, whichever is earlier	Structured email / paper	131	Confirmation or recommended amendment to draft Application Programme
314	18-2	-	3.2.14.1	TO	NGET	Within 21 calendar days from receipt of effective NGET Construction Application or other agreed time	Unstructured email	206	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
315	18-2	18-6	3.2.17.1 (STCP3.1.1)	NGET	TO	Following the return of the signed Use of System Agreement from the Applicant	Structured email	80	Updated SBN - Signed Use of System Agreement
316	18-2	-	3.3.1.3, 3.3.1.4	NGET	TO	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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<u>317</u>	<u>18-2</u>	-	<u>3.3.1.3, 3.3.1.4</u>	<u>TO</u>	<u>NGET</u>	<u>Following receipt of a request for information to assist with NGET's request to the Authority for extending the application process timetable</u>	<u>Structured email</u>	<u>77</u>	<u>Response to a request for information to assist with an extension request to the Authority</u>
<u>318</u>	<u>18-2</u>	-	<u>3.3.1.4</u>	<u>NGET</u>	<u>TO</u>	<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 Group</u>	<u>Unstructured email</u>	<u>78</u>	<u>Notification form . The notification statement will detail the request made to the Authority to extend the application process timescales.</u>
<u>319</u>	<u>18-2</u>	-	<u>3.3.1.5</u>	<u>NGET</u>	<u>TO</u>	<u>Following the updating of the Scheme Briefing Note after an extension to the application timescales is agreed by the Authority</u>	<u>Structured email</u>	<u>80</u>	<u>Updated SBN</u>
<u>320</u>	<u>18-2</u>	-	<u>3.3.3.1.2</u>	<u>NGET</u>	<u>TO</u>	<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</u>	<u>Unstructured email</u>	<u>78</u>	<u>Notification form giving details of the required meeting of the Application Steering Group</u>
<u>321</u>	<u>18-2</u>	-	<u>3.3.3.1.3</u>	<u>NGET</u>	<u>TO</u>	<u>Following a modification to the Construction Planning Assumptions</u>	<u>Unstructured email</u>	<u>129</u>	<u>Modified Construction Planning Assumptions</u>
<u>322</u>	<u>18-2</u>	-	<u>3.3.3.2.1</u>	<u>TO</u>	<u>NGET</u>	<u>At any time prior to issuing its response to the NGET Construction Application</u>	<u>Structured email</u>	<u>77</u>	<u>Request for a change to the Construction Planning Assumptions including a reason for such request.</u>

<u>Transfer Ref</u>	<u>Lead STCP Ref</u>	<u>Related STCP Ref</u>	<u>Paragraph Reference - bold refers to Lead STCP reference</u>	<u>From Party</u>	<u>To Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item Reference</u>	<u>Information</u>
323	18-2	-	3.3.3.2.2	NGET	TO	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	78	Notification form giving details of the required meeting of the Application Steering Group
324	18-2	-	3.3.3.2.3	NGET	TO	Following receipt of request from TO to modify the Construction Planning Assumptions prior the issue of the Offer by NGET	Unstructured email	78	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.
325	18-2	-	3.3.3.2.3	NGET	TO	Following receipt of request from TO to modify the Construction Planning Assumptions prior the issue of the Offer by NGET	Unstructured email	129	Modified Construction Planning Assumptions
326	18-2	-	3.3.3.2	NGET	TO	Following receipt of request from TO to modify the Construction Planning Assumptions prior the issue of the Offer by NGET	Unstructured email / paper	77	Request for confirmation that the TO will meet the Application Programme
327	18-2	-	3.3.3.3.3	NGET	TO	Following the issuing of an Offer and the Construction Planning Assumptions need to be revised	Structured email	1. 129 2. 80	1. Modified Construction Planning Assumptions 2. Updated SBN
328	18-2	-	3.3.3.4.1	TO	NGET	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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329	18-2	-	3.3.3.4.3	NGET	TO	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	78	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.
330	18-2	-	3.3.3.4.5	NGET	TO	Following the issuing of the Use of System Offer and the revision of the Construction Planning Assumptions.	Structured email	1. 1292. 80	1. Modified Construction Planning Assumptions2. Updated SBN
331	18-3	-	3.2.2	NGET	TO	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	Unstructured email / paper	184	Copy of the notice to decrease TEC sent by the User to NGET
332	18-3	-	3.2.4	NGET	TO	Following change to the User's Bilateral Agreement has been effected between NGET and the User	Unstructured email	78	Notification form. The statement to give confirmation of the change to the Bilateral Agreement
333	18-3	-	3.3.5	TO	NGET	Within 21 calendar days of the NGET Application Date and where there is no impact on the TO network	Unstructured email / paper	78	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
334	18-3	18-6	3.3.5 (STCP18-6, 3.1.1)	NGET	TO	Following the effecting of the change to the Bilateral Agreement	Unstructured email	80	Scheme Briefing Note

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335	18-3	-	3.3.6	TO	NGET	Within 21 calendar days of the NGET Application Date and where there is an impact on the TO network	Unstructured email	78	Notification form stating that there is an impact. Scheme Number to be quoted
336	18-6	-	3.1.5	TO	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	203	Appendices Amendment notice
337	18-6	-	3.1.6	NGET	TO	Following receipt of the notification of the required amendments to TO Construction Agreement Appendices	Unstructured paper	78	Notification form. The notification statement to include the TO Construction Agreement/Connection Site Specification identifier
338	18-6	-	3.2.1	TO	NGET	Following revisions to relevant Appendices of the TO Construction Agreement due to Consents driven changes	Unstructured Paper	203	Appendices Amendment notice
339	18-6	-	3.2.2	NGET	TO	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	204	TO Construction Agreement Date Amendment Notice

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340	18-6	-	3.3.1	TO	NGET	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	78	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
341	18-6	-	3.3.2	NGET	TO	Following receipt of a requirement to amend the technical design or operational criteria and the need for further information	Structured email	77	Request for additional information providing the TO Construction Agreement/Connection Site Specification Identifier to identify the notification.
342	19-2	-	5.2.1.1	TO	NGET	Following preparation of a Detailed TO Construction Programme	Unstructured email / paper	207	Detailed TO Construction Programme
343	19-2	-	5.2.1.4, 5.8.2	TO	NGET	Following discussion and having been given Joint Project Parties' consent to amend the Detailed TO Construction Programme	Unstructured email / paper	207	Detailed TO Construction Programme
344	19-2	-	5.2.1.4	NGET	TO	Following receipt of an amended Detailed TO Construction Programme	Unstructured email / paper	207	Detailed TO Construction Programme
345	19-2	-	5.3.1	TO	NGET	Request for reasonable assistance in support for an application for Consents during a Construction Project	Unstructured email / paper	77	Request for information to support an application for Consents.

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

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352	19-2	-	5.7.1	TO	NGET	In accordance with the terms of the TO Construction Agreement	Structured email / paper	73	Final Sums Report
353	19-2	-	6.2.1	TO	NGET	Following preparation of the TO Infrastructure Construction Programme	Unstructured email / paper	68	TO Infrastructure Construction Programme
354	19-2	-	6.2.3	TO	NGET	Following request from NGET to provide an amended copy of the TO Infrastructure Construction Programme	Unstructured email / paper	68	TO Infrastructure Construction Programme
355	19-2	-	6.2.4.2	NGET	TO	Following a concern that the TO Infrastructure Construction Programme is not appropriate	Unstructured email / paper	137	Construction Programme comments
356	19-2	-	6.3.1	TO	NGET	Request for reasonable assistance in support for an application for Consents during an Investment Planning Construction Programme	Unstructured email / paper	77	Request for information to support an application for Consents.
357	19-2	-	6.3.1	NGET	TO	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	19-2	-	6.3.1	NGET	TO	Following the provision of support to assist a TO in its application for Consents during an Investment Planning Construction Programme	Unstructured email / paper	78	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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									<u>reinforcement; evidence of ongoing System operation costs.</u>
<u>359</u>	<u>19-2</u>	-	<u>6.6.1</u>	<u>NGET</u>	<u>TO</u>	<u>On need for information on progress of the Transmission Infrastructure Works</u>	<u>Unstructured email / paper</u>	<u>77</u>	<u>Request for information on progress</u>
<u>360</u>	<u>19-2</u>	-	<u>6.6.1</u>	<u>TO</u>	<u>NGET</u>	<u>Following request for information on progress</u>	<u>Unstructured email / paper</u>	<u>77</u>	<u>Response to a request for information on progress</u>
<u>361</u>	<u>19-2</u>	-	<u>6.7.2</u>	<u>TO</u>	<u>NGET</u>	<u>Following identification that the timetable within the Stage-by-Stage Document is no longer feasible</u>	<u>Unstructured email / paper</u>	<u>1. 66</u> <u>2. 68</u>	<u>1. Stage-by-Stage Document</u> <u>2. TO Infrastructure Construction Programme</u>
<u>362</u>	<u>19-2</u>	-	<u>7.1.1</u>	<u>TO</u>	<u>NGET</u>	<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</u>	<u>Structured email / paper</u>	<u>208</u>	<u>Bi-annual Termination Amounts Report</u>
<u>363</u>	<u>19-2</u>	-	<u>7.1.1</u>	<u>NGET</u>	<u>TO</u>	<u>Following a User request for an explanation on the TO estimate on the Bi-annual Termination Amounts Report</u>	<u>Unstructured email / paper</u>	<u>77</u>	<u>Request for information on the Bi-annual Termination Amounts Report</u>
<u>364</u>	<u>19-2</u>	-	<u>7.1.1</u>	<u>TO</u>	<u>NGET</u>	<u>Following receipt of request for an explanation on the TO estimate on the Bi-annual</u>	<u>Unstructured email / paper</u>	<u>77</u>	<u>Response to a request for information on the Bi-annual Termination Amounts Report</u>

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

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<u>373</u>	<u>19-2</u>	-	<u>7.4.4</u>	<u>TO</u>	<u>NGET</u>	<u>As soon as reasonably practicable but within 6 months of the termination of the TO(s) Construction Agreement</u>	<u>Unstructured email / paper</u>	<u>40</u>	<u>Statement of Final Sums</u>
<u>374</u>	<u>19-2</u>	-	<u>7.5.1</u>	<u>NGET</u>	<u>TO</u>	<u>Within 2 Business Days of NGET receiving notice from the User wishing to terminate, Disconnect or partially Disconnect the User's Equipment of NGET giving notice of termination to the User.</u>	<u>Structured email</u>	<u>80</u>	<u>Scheme Briefing Note - copy of User's notice to terminate and/or Disconnect or a copy of NGET notice of termination.</u> <u>- the date of termination</u> <u>- the draft Disconnection Notice Programme dates</u> <u>- details of the Disconnection, identifying the Host TO, Affected TO and Other Affected TO, the NGET Lead Person and NGET Scheme Number</u>
<u>375</u>	<u>19-2</u>	-	<u>7.5.3</u>	<u>TO</u>	<u>NGET</u>	<u>Within 2 Business Days of receipt of the Scheme Briefing Note showing termination details</u>	<u>Unstructured email</u>	<u>78</u>	<u>Notification form acknowledging receipt of the SBN and providing the Affected Party's Lead Person</u>
<u>376</u>	<u>19-2</u>	-	<u>7.5.5</u>	<u>NGET</u>	<u>TO</u>	<u>As soon as possible but within 2 Business Days of receipt of the Scheme Briefing Note showing termination details</u>	<u>Unstructured email</u>	<u>78</u>	<u>Notification form providing the TO with the version of the Planning Assumptions to be used in assessing the termination</u>
<u>377</u>	<u>19-2</u>	-	<u>7.5.7</u>	<u>TO</u>	<u>NGET</u>	<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</u>	<u>Unstructured email</u>	<u>78</u>	<u>Notification form providing details of the proposed amendment to the Disconnection Notice Programme</u>

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378	19-2	-	7.5.8	TO	NGET	In accordance with the Disconnection Notice Programme and prior to the Termination Date	Unstructured email	41	Termination Report
379	19-2	-	7.5.11	TO	NGET	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	41	Updated Termination Report
380	19-2	-	7.5.13	TO	NGET	Following submission of the final Termination Report	Structured email / paper	82	Invoice for Termination Amounts
381	19-2	-	7.6.3	NGET	TO	When requiring confirmation of the position of assets that have been Disconnected	Unstructured email	77	Request for confirmation of asset position
382	19-2	-	7.6.3	TO	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
383	19-3	-	3.2.7	NGET	TO	Following the establishment of the ONP	Unstructured Email / paper	194	Safety Coordinator details
384	19-3	-	3.2.10	TO	NGET	Following receipt of a copy of the User's Safety Rules and following the sending of the TO's Safety Rules to the User	Unstructured Email / paper	78	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
385	19-3	-	3.2.10	NGET	TO	Following User confirmation that the TO's Safety Rules have been approved by the User	Unstructured Email / paper	78	Notification that the User has confirmed approval of the TO's Safety Rules
386	19-3	-	3.2.12	NGET	TO	Following each new connection or change to User Equipment	Structured email / paper	215	Compliance Monitoring Statement

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387	19-3	-	3.2.13	NGET	TO	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	78	Notification with the information attached of technical 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
388	19-3	-	3.2.14	TO	NGET	Prior to energisation or synchronisation of the User Equipment	Structured email / paper	159	Site Responsibility Schedules for the Connection Site
389	19-3	-	3.2.18	NGET	TO	Prior to the ION being issued	Unstructured Email / paper	92	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
390	19-3	-	3.2.20	NGET	TO	Following review of agreed documentation following Compliance Testing	Unstructured Email / paper	78	Notification of results of tests relevant to the technical specification advised by the TO in the TO Construction Agreement
391	19-3	-	3.3.2	NGET	TO	On receipt of the Statement of Readiness from a User	Unstructured Email / paper	77	Request for confirmation that the TO is satisfied that the User Equipment can be Energised or Synchronised
392	19-3	-	3.3.2	TO	NGET	Within 5 Business Days following request for confirmation that the TO is satisfied that the User Equipment can be Energised or	Unstructured Email / paper	77	Confirmation that the TO is in agreement with the proposal to release the ION or Energisation Notice

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						<u>Synchronised is satisfied.</u>			
<u>393</u>	<u>19-3</u>	-	<u>3.3.2</u>	<u>TO</u>	<u>NGET</u>	<u>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>	<u>Unstructured Email / paper</u>	<u>77</u>	<u>Response to request providing reasons why the TO is not satisfied with the proposal to release the ION or Energisation Notice</u>
<u>394</u>	<u>19-3</u>	-	<u>3.3.3</u>	<u>NGET</u>	<u>TO</u>	<u>Following issue of ION or Energisation Notice to the User</u>	<u>Structured email / paper</u>	<u>1. 96 2. 95</u>	<u>1. Interim Operational Notification 2. Energisation Notice</u>
<u>395</u>	<u>19-3</u>	-	<u>3.4.3</u>	<u>NGET</u>	<u>TO</u>	<u>As need arises to update Parties on unresolved Compliance issues</u>	<u>Structured email / paper</u>	<u>96</u>	<u>Interim Operational Notification</u>
<u>396</u>	<u>19-3</u>	-	<u>3.5.3</u>	<u>NGET</u>	<u>TO</u>	<u>Following receipt of the FCCCR from the User and following confirmation that both NGET and the TO have valid control system models</u>	<u>Unstructured Email / paper</u>	<u>98</u>	<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>
<u>397</u>	<u>19-3</u>	-	<u>3.5.4</u>	<u>NGET</u>	<u>TO</u>	<u>Once FCCCR is suitably complete and the User Equipment meets all the requirements defined in the Relevant Standards</u>	<u>Structured email / paper</u>	<u>216</u>	<u>Statement of Completeness (SOC) for signature</u>
<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 of the Statement of Completeness from NGET and in</u>	<u>Structured email / paper</u>	<u>216</u>	<u>Signed Statement of Completeness (SOC)</u>

<u>Transfer Ref</u>	<u>Lead STCP Ref</u>	<u>Related STCP Ref</u>	<u>Paragraph Reference - bold refers to Lead STCP reference</u>	<u>From Party</u>	<u>To Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item Reference</u>	<u>Information</u>
						<u>agreement with the proposal</u>			
<u>399</u>	<u>19-3</u>	-	<u>3.5.4</u>	<u>TO</u>	<u>NGET</u>	<u>Within 5 Business Days of receipt of the Statement of Completeness from NGET and not agreement with the proposal</u>	<u>Unstructured Email / paper</u>	<u>78</u>	<u>Notification and the reasons why the TO is not in agreement with the Statement of Agreement</u>
<u>400</u>	<u>19-3</u>	-	<u>3.5.5</u>	<u>NGET</u>	<u>TO</u>	<u>Following receipt of a signed SOC and issue of FON to the User</u>	<u>Structured email / paper</u>	<u>99</u>	<u>Copy of Final Operational Notification (FON)</u>
<u>401</u>	<u>19-3</u>	-	<u>3.6.1</u>	<u>NGET</u>	<u>TO</u>	<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>	<u>Unstructured Email / paper</u>	<u>78</u>	<u>Notification together with any information that will assist in determining any non-compliance</u>
<u>402</u>	<u>19-4</u>	-	<u>3.2.9 AppB Item 1(1)</u>	<u>TO</u>	<u>NGET</u>	<u>9 weeks in advance of Plant and Apparatus being connected to the transmission system</u>	<u>Structured email / paper</u>	<u>1. 158 2. 126 3. 159</u>	<u>1. HV System Change Certificate - Provisional 2. Operations Diagram 3. Site Responsibility Schedules</u>
<u>403</u>	<u>19-4</u>	-	<u>3.2.9 AppB Item 1(1)</u>	<u>NGET</u>	<u>TO</u>	<u>Following receipt of the provisional HVSCC</u>	<u>Structured email / paper</u>	<u>158</u>	<u>HVSCC - Signed acknowledgement completed</u>
<u>404</u>	<u>19-4</u>	-	<u>3.2.9 AppB Item 1(2)</u>	<u>TO</u>	<u>NGET</u>	<u>3 days in advance of Plant and Apparatus connected to the System</u>	<u>Structured email / paper</u>	<u>158</u>	<u>HV System Change Certificate - Final</u>
<u>405</u>	<u>19-4</u>	-	<u>3.2.9 AppB Item 1(2)</u>	<u>NGET</u>	<u>TO</u>	<u>Following receipt of the final HVSCC</u>	<u>Structured email / paper</u>	<u>158</u>	<u>HV System Change Certificate - Final Part 2 signed</u>
<u>406</u>	<u>19-4</u>	-	<u>3.2.9 AppB Item 1(3)</u>	<u>TO</u>	<u>NGET</u>	<u>Date the document becomes effective</u>	<u>Structured email / paper</u>	<u>158</u>	<u>HV System Change Certificate - Signed</u>

<u>Transfer Ref</u>	<u>Lead STCP Ref</u>	<u>Related STCP Ref</u>	<u>Paragraph Reference - bold refers to Lead STCP reference</u>	<u>From Party</u>	<u>To Party</u>	<u>Trigger</u>	<u>Mechanism</u>	<u>Data Item Reference</u>	<u>Information</u>
407	19-4	-	3.3.16, AppB Item 2 (1)	TO	NGET	On completion of all Off-load Testing and inspections and the asset is ready for On-load Tesing	Structured email / paper	160	Accpetance Certificate - Part 1
408	19-4	-	3.3.16, AppB Item 2 (2)	NGET	TO	On receipt of Acceptance Certificate with Part 1 signed	Structured email / paper	78	notification form acknowledging the part 1 of the Acceptance Certificate
409	19-4	-	3.3.18, AppB Item 2 (2)	TO	NGET	On completion of Commissioning Switching Programme and final inspections	Structured email / paper	160	Accpetance Certificate - Part 2
410	19-4	-	3.3.18, AppB Item 2 (2)	NGET	TO	On receipt of Acceptance Certificate with Part 2 signed	Structured email / paper	160	Accpetance Certificate - Part 2 signed
411	19-4	-	3.3.20, AppB Item 3	TO	NGET	Immediately following decommissioning	Structured email / paper	190	Decommissioning Report
412	19-4	-	3.2.4AppC Item 1	TO	NGET	12 weeks in advance of energisation	Unstructured email / paper	1. 161 2. 162 3. 163 4. 164 5. 165 6. 166 7. 167 8. 172	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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413	19-4	-	3.2.4AppC Item 2	TO	NGET	12 weeks in advance of energisation	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
414	19-4	-	3.2.4AppC Item 3 (1)	TO	NGET	At outset of scheme	Unstructured email / paper	177	Schedule of Technical Data. As part of the Service Capability Specification
415	19-4	-	3.2.4AppC Item 3 (2)	TO	NGET	20 weeks in advance of energisation	Unstructured email / paper	177	Schedule of Technical Data. As part of the Service Capability Specification
416	19-4	-	3.2.4AppC Item 3 (3)	TO	NGET	As updates become available	Unstructured email / paper	177	Schedule of Technical Data - updates. As part of the Service Capability Specification
417	19-4	-	3.2.4AppC Item 4	TO	NGET	Prior to first energisation and when at a time confirmed at the Stage 2 Commissioning Panel	Unstructured email / paper	178	Written description of Operational Tripping

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

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

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

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

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

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463	20-1	-	3.4.5	TO	NGET	Following agreement to the relevant section of the SYS Programme and in accordance with the SYS Programme	Unstructured paper	55	Formal written approval of SYS Document
464	20-1	-	3.5.1, 3.5.2	NGET	TO	One calendar month before publication of a SYS Update	Unstructured email / paper	1. 78 2. 54	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
465	20-1	-	3.5.3	TO	NGET	Within 10 business days of receipt of notification that an update to the NETS SYS is going to be produced.	Unstructured email	78	Notification of confirmation of any changes to committed schemes including any new committed schemes which require inclusion in the NETS SYS Update.
466	20-1	-	3.5.4	NGET	TO	Within 5 business days of receipt of information requested with the first draft of the SYS Update	Unstructured email / paper	54	Relevant sections of the 2nd draft of the SYS Update
467	20-1	-	3.5.5	TO	NGET	Within 3 business days of receipt of the second draft of the SYS Update	Unstructured email / paper	46	Final comments on draft SYS Update

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468	22-1	-	3.2.5	TO	NGET	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.
469	22-1	-	3.2.7	NGET	TO	Following receipt of JPC proposed change criteria, proposed list of transmission sites and determination of its own Generation sites.	Unstructured email / paper	60	Draft Boundary of Influence
470	22-1	-	3.2.8	NGET	TO	Following disagreement of the Boundary of Influence by the TO and agreement by the JPC that changes are required	Unstructured email / paper	60	Redraft Boundary of Influence that becomes the approved Boundary of Influence
471	22-1	-	3.3.3, 3.3.4	NGET	TO	Following agreement of the Boundary of Influence and creation of a ranking Order for Winter Peak	Structured email / paper	138	Ranking Order for the Winter Peak edited to protect any sensitive User information
472	22-1	-	3.3.4	NGET	TO	Following agreement of the Boundary of Influence and creation of a ranking Order for Winter Peak	Unstructured email / paper	1. 139 2. 211 3. 212	1. NETS Demand Forecast for each year 2. Estimate of losses for each year 3. Demand Forecast for each Transmission Licence area
473	22-1	-	3.3.5	NGET	TO	Following disagreement of the Ranking Orders or demand forecasts	Unstructured email / paper	1. 138 2. 139 3. 212	1. Redraft Ranking Order 2. Redraft NETS Demand Forecast 3. Redraft Demand Forecast for each Transmission Licence area

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

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

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

Data List

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

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>3</u>	<u>Expansion Constant Cost and Population Information for Transmission Overhead Lines and Cables</u>	<u>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.</u>	<u>TO</u> <u>Year</u> <u>Costs in £/Km</u> <u>400kV - Overhead Line Typical Cost</u> <u>400kV - Cable Typical Cost</u> <u>275kV - Overhead Line Typical Cost</u> <u>275kV - Cable Typical Cost</u> <u>132kV - Overhead Line Typical Cost</u> <u>132kV - Cable Typical Cost</u> <u>Total Km installed by type</u> <u>400kV - Km of Overhead Line Installed</u> <u>400kV - Km of Cable Installed</u> <u>275kV - Km of Overhead Line Installed</u> <u>275kV - Km of Cable Installed</u> <u>132kV - Km of Overhead Line Installed</u> <u>132kV - Km Cable Installed</u>	-	<u>No longer deemed necessary</u>
<u>4</u>	<u>Forecast Total TO Maintenance Costs for Connection Assets</u>	<u>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>	<u>TO</u> <u>Year</u> <u>Forecast Cost of Maintaining Connection Assets</u> <u>Forecast of General Transmission Operating Cost</u>	-	<u>No longer deemed necessary</u>
<u>5</u>	<u>Site Specific Maintenance Cost</u>	<u>The monetary amount of the reconciliation of Site Specific Maintenance charges between TO and NGET</u>	<u>TO</u> <u>Date</u> <u>Year</u> <u>Direct Maintenance Costs</u> <u>Non-asset Specific Overheads</u>	-	<u>No longer deemed necessary</u>

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>6</u>	<u>NGET Connection Application</u>	<u>The application form required to be submitted by the applicant for new connection.</u>	<u>See Schedule 5 of the STC</u>	-	-
<u>7</u>	<u>Affected Party Contact Details</u>	<u>Information identifying the contact of an Affected Party for an application for connection or modification.</u>	<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>	<u>Predicted Generation and Demand Backgrounds</u>	<u>Estimated Generation and Demand backgrounds</u>	<u>Ranking Order (see separate entry 138)</u> <u>Demand Totals (see separate entry 139)</u>	-	<u>No longer deemed necessary</u>
<u>9</u>	<u>Schedule of Works</u>	<u>A file that lists all connection assets and attributes required, a description of one-off works and a description of infrastructure works.</u>	<u>Overhead Line Type</u> <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>	-	<u>No longer deemed necessary - exchanged data items as described in Appendix B7 18-1 - see 205</u>
<u>10</u>	<u>Charging Information Requirements</u>	<u>A spreadsheet listing all Transmission Connection Assets and attributes required</u>	<u>See Appendix B5 STCP18-1</u>	<u>Appendix B5 STCP18-1</u>	-

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

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

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

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>26</u>	<u>Transmission Status Certificate</u>	<p><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.</u></p> <p><u>Also used for the Return Transmission Service Certificate and the Isolation Transmission Certificate</u></p>	<u>See Appendix C STCP1-1. STCP 1-1 Appendix B provides a full explanation of the form</u>	<u>Appendix C STCP1-1</u>	-
<u>27</u>	<u>NGET Daily Charge-out Rates</u>	<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>	<u>Financial Year Resource Type Daily Charge-out Rate Application Fixed Price</u>	-	-
<u>28</u>	<u>TO Components of Fixed Price Application Fee</u>	<u>TO forecast of their portion of the fixed price application fee and matrix for following Financial Year</u>	<u>TO Financial Year Resource Type Application Type Number of days for Application analysis Daily Charge-out Rate</u>	-	-

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

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

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

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

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

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

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

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

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

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

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>69</u>	<u>Exchange Acknowledgement Form</u>	<u>Acknowledgement Form exchanged between STC Parties to confirm acceptance / rejection of an exchange</u>	<u>See Appendix B STCP12-1</u>	<u>Appendix B STCP12-1</u>	-
<u>70</u>	<u>Consents Confirmation Form</u>	<u>Confirmation that consents have been obtained</u>	<u>Scheme Number Details of consents Including Caveats</u>	-	<u>No longer deemed necessary</u>
<u>71</u>	<u>Consents Progress Reports</u>	<u>Consents Progress Reports</u>	<u>See Appendix B STCP19-2</u>	<u>Appendix B STCP19-2</u>	-
<u>72</u>	<u>Construction Progress Report</u>	<u>Construction Progress Reports</u>	<u>See Appendix B STCP19-2</u>	<u>Appendix B STCP19-2</u>	-
<u>73</u>	<u>Final Sums Reports</u>	<u>Final Sums Reports</u>	<u>See Appendix D STCP19-2</u>	<u>Appendix D STCP19-2</u>	-
<u>74</u>	<u>Outage Proposal</u>	<u>A request for an outage booking</u>	<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</u>	-	-

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

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

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

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
83	<u>De-Synchronised Island Procedure (DIP)</u>	<u>De-Synchronised Island Procedure (DIP)</u>	<p> TO TO Contact TO Signatory NGET Signatory DIP Issue Number DIP Date of Implementation User User Site Indirect Data Method Indicator Indirect Data Method Conditions (free text) Direct Data Method Indicator Direct Data Method Conditions (free text) Control Features Method Indicator Control Features Method Conditions (free text) Requirements of NGET Statement (free text) Requirements of TO Statement (free text) Requirements of User Statement (free text) Action Taken in Uncovered Circumstances Statement (free text) Estimated Demand Profile Available Generation Generation Operating Parameters Frequency Control Analysis (free text) Voltage Control Analysis (free text) Restoration Arrangements (free text) Contingency Arrangements (free text) Contract Details Power System Configuration Details (free text) DIP Update Frequency Other Information (free text) In Addition DIP transferred by way of a DIOC: Generator BMU BMU MW BMU MVA_r Block Load/Free Governor Action Indicator BMU Reactive Response Capability BMU Frequency Response Capability Generator Contract to provide Island Services Details (free text) Power Island Load Duration Curve Power Island Real Energy Requirement Power Island Reactice Energy Requirement </p>	-	-

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>84</u>	<u>Changes to DIP</u>	<u>Details of change requirements</u>	<u>TO Contact</u> <u>NGET Contact</u> <u>DIP Issue Number</u> <u>Change to DIP Statement (free text)</u>	-	-
<u>85</u>	<u>DIOC</u>	<u>De-Synchronised Island Certificate</u>	<u>See Appendix A STCP6-2</u>	<u>Appendix A</u> <u>STCP6-2</u>	-
<u>86</u>	<u>Outage Plan Data</u>	<p><u>Outline Plan based on TO outage definitions for all accepted known construction and maintenance works for Year Ahead.</u></p> <p><u>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".</u></p> <p><u>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.</u></p>	<u>Basic Data Reference</u> <u>Outage Equipment Description</u> <u>Branch assets</u> <u>Substations involved</u> <u>SO Significance</u> <u>External Interested parties</u> <u>NETSO interested parties</u> <u>TO interested parties</u> <u>Operational Comments (free text)</u> <u>Licensed Area</u> <u>Valid from</u> <u>Valid To</u> <u>Equipment Owner</u> <u>Basic Group</u> <u>Free Codes</u> <u>Tower refs</u> <u>Outage Type</u> <u>Demand at risk</u>	-	-

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
87	Detailed Outage Data	<p><u>Details of all core and non-core outage proposals and new proposals for construction and maintenance.</u></p> <p><u>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".</u></p> <p><u>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.</u></p>	<p>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 Start Time Proposed End Date Proposed End Time APA Date & Time Duration Outage Window Start Outage Window End ERTS day ERTS Night TO Person Outage Code 1 Outage Code 2 Outage Code 3 Outage Code 4 C/D Service Change Code Change description (free text) NGET comments (free text) NGET Contact Agreed Start Agreed End Operational Comments Request No. Request batch No. Plan outage Status Availability Record Type Plan year TO Reference Fault Outage Flag</p>	-	-

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>88</u>	<u>Asset Nomenclature Change Notice</u>	<u>Notice setting out proposed changes to numbering and/or nomenclature of Plant and Apparatus</u>	<u>Party Date</u> <u>Asset Nomenclature Change Effective Date</u> <u>Plant/Apparatus Reference</u> <u>Asset Nomenclature Change Details (free text)</u>	-	-
<u>89</u>	<u>STCP10-1 Appendix A</u>	<u>Proforma developed for changes to asset nomenclature and numbering</u>	-	-	<u>No longer deemed necessary</u>
<u>90</u>	<u>STCP10-1 Appendix B</u>	<u>Spreadsheet developed for changes to asset nomenclature and numbering</u>	-	-	<u>No longer deemed necessary</u>
<u>91</u>	<u>Substation Drawing</u>	<u>Diagram of substation(s) where changes have been made</u>	-	-	<u>No longer deemed necessary</u>
<u>92</u>	<u>ICCCR Extract</u>	<u>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.</u>	<u>Site Specific Technical Conditions (free text)</u>	-	-
<u>93</u>	<u>Contact Details</u>	<u>Contact details for liaison between STC Parties</u>	<u>Party Contact Name</u> <u>Contact Email</u> <u>Contact Telephone Number(s)</u>	-	-

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>94</u>	<u>Connection Site Specification</u>	<u>Document relating to the specification details of a site being connected to the transmission system</u>	<u>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>	-	-
<u>95</u>	<u>Energisation Notice</u>	<u>A letter that indicates a User's readiness to energise User Equipment for the purpose of Commissioning such User Equipment</u>	<u>See Appendix B STCP 19-3</u>	<u>Appendix B 19-3</u>	-
<u>96</u>	<u>Interim Operational Notification</u>	<u>Interim Operational Notification that acknowledges the work that has been carried out highlighting unresolved issues that prevent the issue of the Final Operational Notification</u>	<u>See Appendix C STCP 19-3</u>	<u>Appendix C 19-3</u>	-
<u>97</u>	<u>Schedule of Unresolved Compliance issues</u>	<u>Schedule of Unresolved Compliance issues</u>	<u>See Appendix D STCP 19-3</u>	<u>Appendix D 19-3</u>	-
<u>98</u>	<u>FCCCR extract</u>	<u>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.</u>	<u>Site Specific Technical Conditions (free text)</u>	-	-

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

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

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>110</u>	<u>Notification of Change to Previously Provided Information</u>	<u>A notice provided by a Party that informs another Party that previously provided information has changed.</u>	<u>Identifying Reference</u> <u>Change Details (free text)</u>	-	-
<u>111</u>	<u>Actual Connection Asset Maintenance Cost Template</u>	<u>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.</u>	<u>Transmission Owner</u> <u>Financial Year</u> <u>Customer</u> <u>Site id</u> <u>Customer/Site Actual Direct Maintenance Cost (placeholder)</u> <u>Total Direct System Maintenance Cost (placeholder)</u> <u>Total System Maintenance Cost (placeholder)</u>	-	<u>No longer deemed necessary</u>
<u>112</u>	<u>Actual Connection Asset Maintenance Cost</u>	<u>The costs by site and in total at an aggregated level requested by NGET in their submission of Actual Connection Asset Maintenance Cost Template.</u>	<u>Transmission Owner</u> <u>Financial Year</u> <u>Customer</u> <u>Site id</u> <u>Customer/Site Actual Direct Maintenance Cost</u> <u>Total Direct System Maintenance Cost</u> <u>Total System Maintenance Cost</u>	-	<u>No longer deemed necessary</u>
<u>113</u>	<u>Schedule of TO Connection Assets</u>	<u>A list of sites of all connection assets owned by the TO that are currently included in the relevant Appendix A of 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 necessary</u>

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

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

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>125</u>	<u>Real Time Data Information</u>	<u>Data Items contained on the real time data spreadsheet</u>	<u>Sub-station</u> <u>Display Digits</u> <u>Engineering Units</u> <u>Exdesc</u> <u>Point Id</u> <u>Point Source</u> <u>Point Type</u> <u>Record No</u> <u>Span</u> <u>Step</u> <u>Typical Value</u> <u>Zero</u>	<u>A sample of a Real Time Data Spreadsheet is contained in Appendix C of STCP4-1</u>	-
<u>126</u>	<u>Operation Diagrams</u>	<u>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.</u> <u>Diagrams should indicating physical site layout within Substations</u>	<u>Diagram</u>	-	-

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>127</u>	<u>Datalink Proposed Outage</u>	<u>Information pertaining to a proposed outage up to another Party's interface.</u>	<u>Outage Reference Number</u> <u>Proposed Outage Dates</u> <u>Outage Content (free text)</u> <u>Datalink Operational Impact (free text)</u> <u>Other Details (free text)</u>	-	-
<u>128</u>	<u>System Construction Application</u>	<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</u>	<u>See Schedule 7 of the STC</u>	-	-

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<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	<u>Contracted Generation Position</u> 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)	-	-

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>130</u>	<u>Datasets</u>	<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</u>	<u>As PSS/E and ELLA datasets</u>	-	-
<u>131</u>	<u>Application Programme (Draft) Confirmation</u>	<u>A notice made to confirm or recommend amendment to the draft Application Programme</u>	<u>TO Date Application Programme Reference Confirmation of Draft Application Programme Indicator Amendment to Draft Application Programme Details (free text)</u>	-	-
<u>132</u>	<u>Applicant Provided Data</u>	<u>Data provided by the Applicant to assist in the compilation of an Offer.</u>	<u>Scheme Number NGET Lead Person Applicant Data as Requested</u>	-	-
<u>133</u>	<u>Site Specific Technical Conditions</u>	<u>Site Specific Technical Conditions</u>	<u>TO Scheme Number Site Technical Conditions Detail (free text)</u>	-	<u>No longer deemed necessary</u>
<u>134</u>	<u>Outline Scope of Works</u>	<u>Outline Scope of Works</u>	<u>TO Scheme Number Outline Scope of Works Details (free text)</u>	-	<u>No longer deemed necessary</u>

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

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

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>140</u>	<u>ELLA Datasets</u>	<u>Information on datasets from ELLA application</u>	-	-	<u>No longer deemed necessary - represented by Network Model/NETS Network Model</u>
<u>141</u>	<u>PSS/E Datasets</u>	<u>Information on datasets from PSS/E application</u>	-	-	<u>No longer deemed necessary - represented by Network Model</u>
<u>142</u>	<u>Notification of Black Start Completion</u>	<u>Formal notification of completion of Black Start and after NGET has deemed/declared system operation to be normal.</u>	<u>NGET Contact Date Date and Time System Declared Normal LJRP Reference Completion of Black Start Statement (free text)</u>	-	-
<u>143</u>	<u>User Black Start Reports</u>	<u>Reports provided by Users on their capability to carry out a Local Joint Restoration Plan</u>	<u>TO Date LJRP reference User Reference Report References Report Details (free text)</u>	-	-
<u>144</u>	<u>Grid Code DRC Data</u>	-	-	-	<u>No longer deemed necessary - Included within the ICCCR and FCCCR extracts</u>

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

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

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

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

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

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

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>159</u>	<u>Site Responsibility Schedules</u>	<u>A schedule setting out the safety and operational rules and processes to be adopted at a Connection Site.</u>	<u>Area</u> <u>Schedule Identifier</u> <u>Complex</u> <u>Connection Site</u> <u>Item of Plant / Apparatus</u> <u>Plant Apparatus Owner</u> <u>Site Manager</u> <u>Safety Rules</u> <u>Control or Other Responsible Person</u> <u>Operational Procedures (free text)</u> <u>Control or Other Responsible Engineer</u> <u>Party Responsible for Undertaking Inspections.</u> <u>Investigating Faults & Maintenance</u> <u>Other Remarks (free text)</u> <u>Page Number</u> <u>Issue Number</u> <u>Date</u> <u>Notes (free text)</u> <u>Signatory</u> <u>Signatory Name</u> <u>Signatory Company</u> <u>Signatory Date</u>	-	-
<u>160</u>	<u>Acceptance Certificate</u>	<u>A certificate that confirms satisfactory completion of Stage 1 and Stage 2 of the commissioning programme.</u>	<u>See Appendix D, Attachment B STCP 19-4</u>	<u>Appendix D, Attachment B STCP19-4</u>	-

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

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

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
164	Transformer Data	Data Attributes pertaining to Transformers	<u>Owner</u> <u>Substation Location Identifier</u> <u>Transformer Unique Identifier in Substation</u> <u>Single Line Diagram Reference Number</u> <u>HV / LV Voltage Ratio</u> <u>Continuous Rating (MVA)</u> <u>Cyclic overload capability</u> <u>Short Term Rating (Cooled / UnCooled)</u> <u>LV - HV Rating (specific type)</u> <u>Winding Arrangement / Vector Group</u> <u>Positive sequence resistance nominal tap</u> <u>Positive sequence reactance nominal tap</u> <u>Zero sequence impedances on nominal tap (% on Rating)</u> <u>Tap changer range</u> <u>Tap changer step size</u> <u>Nominal Tap Number</u> <u>Tapped winding</u> <u>Tap changer type: on load or off circuit</u> <u>Earthing Method (Direct, resistance, or reactance)</u> <u>Earth Impedance (if not directly earthed) (Ohms)</u>	-	-

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

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

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>167</u>	<u>Control Arrangements</u>	<u>Control Arrangements</u>	<u>Owner</u> <u>Substation Location identifier</u> <u>Unique owner equipment identifier</u> <u>Single Line Diagram Reference</u> <u>Lists & Nomenclature of isolators</u> <u>Lists & Nomenclature of circuit breakers</u> <u>Lists & Nomenclature of operational earth switches</u> <u>Lists & Nomenclature of 132kV fault devices and other 132kV devices which have telemetered indications</u> <u>Lists & Nomenclature of the above equipment which is hand dressed</u> <u>Loss & Control indication of site, and suspected data indications</u>	-	-

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

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>169</u>	<u>Transformer Protection Data</u>	<u>Transformer protection information</u>	<u>Owner</u> <u>Substation Location Identifier</u> <u>Transformer Unique Identifier in Substation</u> <u>Single Line Diagram Reference Number</u> <u>Main Protection Type</u> <u>Main Protection Overall operating times & Settings</u> <u>Main Protection unstabilising intertrips into cct protection</u> <u>Main Protection co-ordinating gaps</u> <u>Main Protection winding temp settings</u> <u>Back-up Protection Type</u> <u>Back-up Protection Settings</u> <u>Back-up Protection fault interfering isolators</u>	-	-
<u>170</u>	<u>Quadrature Booster Protection Data</u>	<u>Quadrature booster protection information</u>	<u>Owner</u> <u>Substation Location Identifier</u> <u>Quadrature Booster Unique Identifier in Substation</u> <u>Single Line Diagram Reference</u> <u>Main Protection Type</u> <u>Main Protection overall operating times</u> <u>Main Protection intertrips</u> <u>Main Protection co-ordinating gaps</u> <u>Main Protection winding temperature /core temperature protection</u> <u>Backup Protection Type</u> <u>Backup Protection settings</u> <u>Backup Protection fault interfering isolators</u> <u>Minimum Trip Load</u>	-	-

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

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

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
177	Schedule of Technical Data	Information that lists the characteristics of the assets of a commissioning project	<p>Reactive Compensation Type Capacitive or Inductive Rating Operating Range Automatic Control Logic (free text) Connection Point</p> <p>Sub Station Infrastructure Rated 3-Phase RMS Short-Circuit Withstand Current Single-Phase RMS Short-Circuit Withstand Current Rated Duration of Short Circuit Withstand Rated RMS Continuous Current</p> <p>Circuit Parameters Start Node End Node Rated Voltage Operating Voltage PPS R, X and B 0 Phase Sequence R, X and B ZPS (Self) Impedance R, X and B ZPS (Mutual) Impedance R, X and B</p> <p>Transformers Node Transformer Identifier Rated MVA Voltage Ratio Positive Phase Sequence Reactance Max/Min/Nom Tap Positive Phase Sequence Resistance Max/Min/Nom Tap Zero Sequence Reactance Winding Arrangement Tap Changer Range Tap Changer Step Size Tap Changer Type</p> <p>Circuit Breaker Connection Point Switch Number Rated Voltage Operating Voltage 3 Phase Short Circuit Breaking Current Single Phase Short Circuit Breaking Current 3 Phase Short Circuit Peak Making Current Single Phase Short Circuit Peak Making Current Rated Continuous Current DC Time Constant</p> <p>Protection Systems and Settings Protection Systems and Settings (free text)</p>	-	-

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>178</u>	<u>Operational Tripping./ Equipment Operation</u>	<u>Process following/resulting from the tripping out of equipment</u>	<u>Operational Tripping Statement Title</u> <u>Version</u> <u>Date of Issue</u> <u>Operational Tripping Statement (free text)</u>	-	-
<u>179</u>	<u>Equipment Operation</u>	<u>Process of how site equipment is operated</u>	<u>Equipment Operation Statement Title</u> <u>Version</u> <u>Date of Issue</u> <u>Equipment Operation Statement (free text)</u>	-	<u>No longer deemed necessary</u>
<u>180</u>	<u>Extracts of Manual and Handbooks</u>	<u>Relevant parts of operational manuals and handbooks to assist in the operation of the system</u>	<u>Extracts of Manuals and Handbooks</u>	-	-
<u>181</u>	<u>Commissioning Switching Programme and On Load Tests</u>	<u>Commissioning switching programme model and on load testing</u>	<u>Appendix E STCP19-4</u> <u>Reference to Operation Diagrams</u>	<u>Appendix E</u> <u>STCP19-4</u>	-
<u>182</u>	<u>Commissioning Method Statement</u>	<u>A step-by-step procedure defining Stage 2 (On-load) commissioning activities that do not require switching instructions from NGET</u>	<u>Scheme Number</u> <u>Scheme Name</u> <u>Stage 2 Commissioning Activity Description (free text)</u> <u>Step-by-step Procedure (free text)</u> <u>Operational Effects</u>	-	-

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>183</u>	<u>Testing Programme</u>	<u>A written schedule identifying the sequence in which a series of tests are to be undertaken</u>	<u>Test Id</u> <u>Test Programme Version Number</u> <u>Test Programme Issue Number</u> <u>Means of Communication Details</u> <u>Location of Parties</u> <u>Change Control Process Statement</u> <u>Supporting Documentation Statement</u> <u>Test Plant and Apparatus Reference(s)</u> <u>Affected Plant and Apparatus Reference(s)</u> <u>Operational Effects Statement</u> <u>Service Reductions Statement</u> <u>Service Reduction Risks Statement</u> <u>Plant and Apparatus Initial Conditions</u> <u>Protection Required Statement</u> <u>Protection Settings Applied</u> <u>Test Programme Statement</u> <u>Circuit From Nodal Reference</u> <u>Circuit To Nodal Reference</u> <u>Sequence of Testing Statement</u> <u>Expected Result Statement</u>	-	<u>No longer deemed necessary - see 102</u>
<u>184</u>	<u>TEC Decrease Notice</u>	<u>Notification of a request to make a reduction in TEC</u>	<u>Scheme Number</u> <u>Copy of Decrease in TEC Notice</u>	-	-

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

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

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>192</u>	<u>Isolation Confirmation</u>	<u>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.</u>	<u>RISSP Identification Number</u> <u>Implementing Safety Co-ordinator Party</u> <u>Implementing Safety Co-ordinator Party Contact</u> <u>Date</u> <u>Location of Isolation Point</u> <u>HV Apparatus Name of Isolation Point</u> <u>HV Apparatus Nomenclature of Isolation Point</u> <u>HV Apparatus Numbering of Isolation Point</u> <u>HV Apparatus Position of Isolation Point</u> <u>Isolation Method - Device/Physical Separation</u> <u>Isolation Device Method</u> <u>Isolation Physical Separation Statement</u>	-	-
<u>193</u>	<u>Earthing Confirmation</u>	<u>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.</u>	<u>RISSP Identification Number</u> <u>Implementing Safety Co-ordinator Party</u> <u>Implementing Safety Co-ordinator Party Contact</u> <u>Date</u> <u>Location of Earthing Point</u> <u>HV Apparatus Name of Earthing Point</u> <u>HV Apparatus Nomenclature of Earthing Point</u> <u>HV Apparatus Numbering of Earthing Point</u> <u>HV Apparatus Position of Earthing Point</u> <u>Earthing Method - Immobilised and Locked/Other Method</u> <u>Earthing Immobilised and Locked Statement</u> <u>Earthing Other Method Statement</u>	-	-

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

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

<u>Data Item Reference</u>	<u>Item Name</u>	<u>Item Description</u>	<u>Standard Data Attributes</u>	<u>Proforma</u>	<u>Notes</u>
<u>203</u>	<u>Amendment Notification</u>	<u>A notice made to vary the agreement of a TO Construction Agreement or Connection Site Specification</u>	<u>Date</u> <u>TO Contact</u> <u>TO Construction Agreement/Connection Site Specification Identifier</u> <u>Appendices Requiring Amendment</u> <u>Amendment Details (free text)</u> <u>Amendment Reason (free text)</u>	-	-
<u>204</u>	<u>TO Construction Agreement Date Amendment Notice</u>	<u>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</u>	<u>Date</u> <u>Affected Party Contact</u> <u>TO Construction Agreement/Connection Site Specification Identifier</u> <u>Delay Reason (free text)</u> <u>Expected Delay Duration</u>	-	-
<u>205</u>	<u>Other Charging Information Requirements</u>	<u>A spreadsheet listing all Transmission Connection Assets with Gross Asset Values in a specified price base, and other specified attributes</u>	<u>See Appendix B6 STCP18-1</u>	<u>Appendix B6 STCP18-1</u>	-
<u>206</u>	<u>Transmission System Impact Confirmation</u>	<u>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>	<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>	-	-

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

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

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

Appendix D: Services Capability Specification Guidance Notes for Offshore Transmission Owners

These Guidance Notes consists of 3 parts:

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

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

Section 5: Automatic Control Systems

Automatic Switching Schemes

SERVICES CAPABILITY
SPECIFICATION

GUIDANCE NOTES

FOR

OFFSHORE TRANSMISSION OWNERS

(VERSION 1)

Contents

Part 1 Services Provided

- 1 Background
- 2 Scope
- 3 Making Available Parts of the Transmission System
- 4 Update Process

Part 2 Update Process

- Section 1 SCS Update Process

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.

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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.

3.3.4 The Offshore TO —diagrams supplied under this Services Capability Specification will conform to best industry practice, an example of which is given later in this document. [the Offshore TO drafting practices and formats.](#)

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

3.4.1 The Offshore TO will for each circuit in the network provide details of the name and operating voltage.

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.

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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.

3.4.4 The Offshore TO will provide for each circuit breaker on the network details of fault capability.

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.

3.4.6 The Offshore TO will provide for each Reactive Compensation Equipment on the network, details of rated voltages, ratings, losses and taps

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.

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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.

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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, Intertipping 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 Intertipping Schemes made available.

3.6 System Availability

3.6.1 The Offshore TO shall provide details of any transmission system planning derogations.

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.

3.6.3 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.

3.6.4 The Offshore TO will provide details of any technical limits or other operational matters which apply on its Transmission System on a substation by substation basis, either for a full system or for outage conditions.

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

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1.1 Process – General

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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

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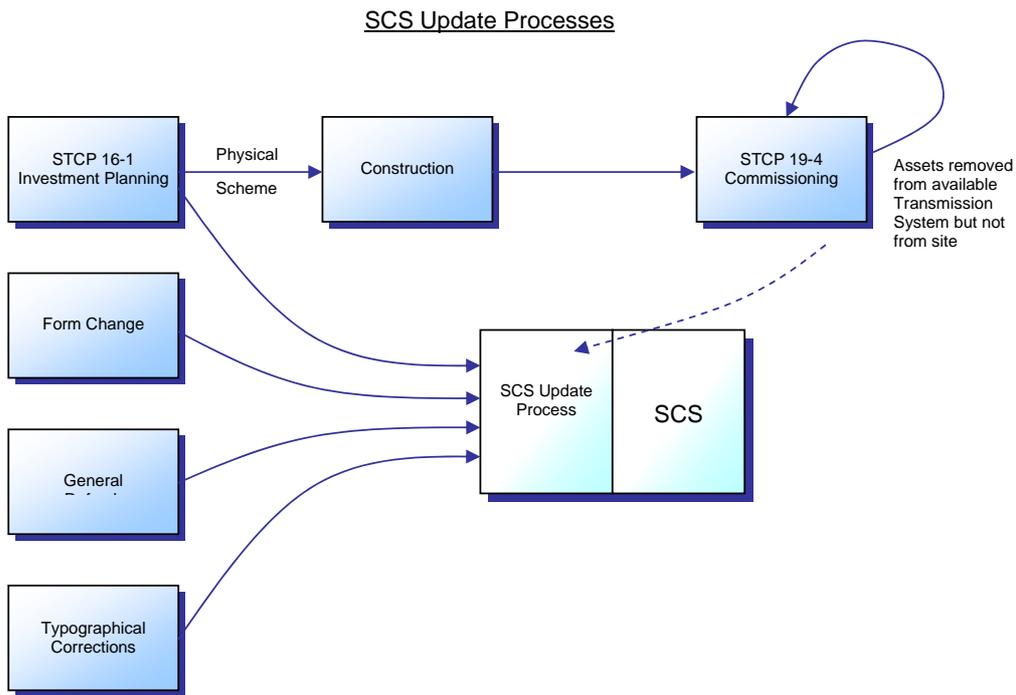
1.1.5 On receipt of a data change, NGET will acknowledge receipt of the revised SCS data. Acceptance of receipt is agreement to use the information from the proposed start date. If NGET rejects the data, then a reason shall be provided.

1.2 Data Updates – Commissioning

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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.



1.2.3 For the avoidance of doubt, at any stage during the commissioning process, change data sets sent subject to this process may be updated.

1.2.4 On successful completion of the on-load testing, and when Part 2 of the Acceptance Certificate is signed (STCP 19-4 refers), the data will now have Final Commissioning Data Status and becomes available for operational service and configuration to NGET.

1.2.5 At this stage the data becomes SCS data.

1.2.6 However, and as a practical matter, while the data is now SCS data – the data is not contained in the main body of the SCS.

1.2.7 As soon as reasonably practicable following the signing of the Acceptance Certificate Part 2, the Offshore TO will:

- provide any further updates to the SCS data in respect of any changes to the data which have occurred as a result of the commissioning process, and
- incorporate the data referred to in the main body of the SCS.

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1.3 Data Updates – Decommissioning

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.

1.3.4 The Offshore TO will update the main body of the SCS as in section 1.1 above.

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

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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

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

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

Remarks

Ratings

Issue ~~34~~ – ~~07/xx/12/xx/2009~~~~31/01/2006~~

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.

Fault Levels

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

Section 3 – Protection

Information / data to be supplied

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

Section 4 – System Availability

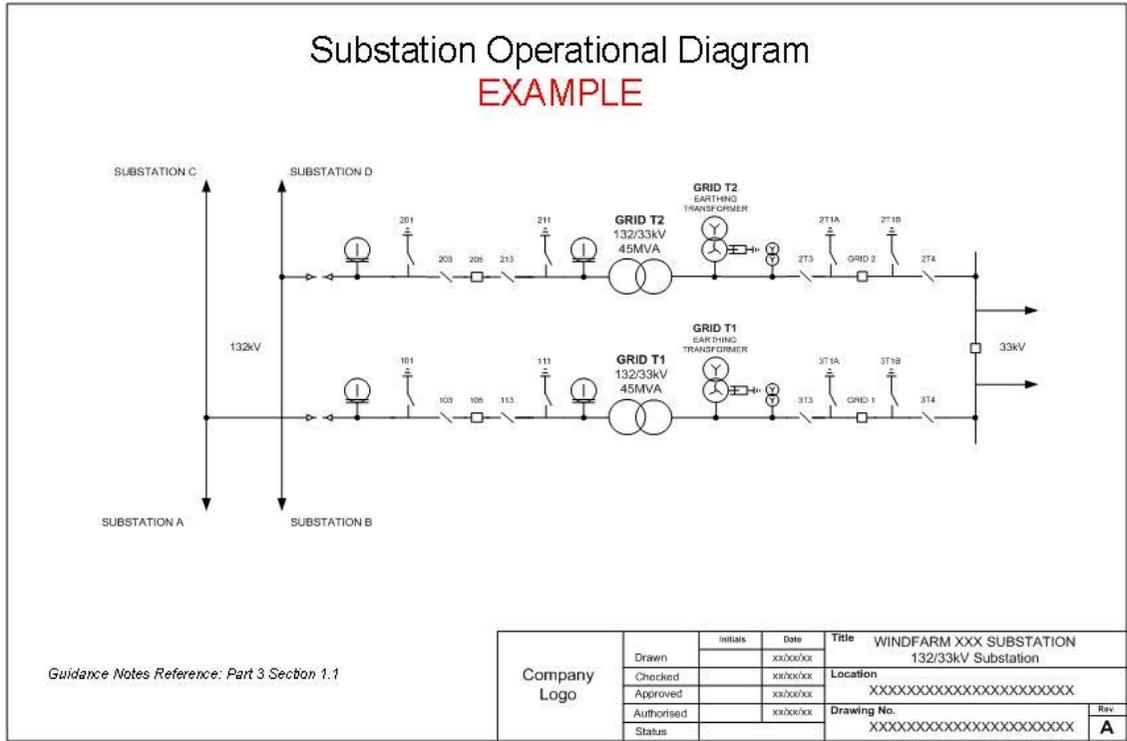
Information / data to be supplied

<u>Items</u>	<u>Description</u>	<u>Reference</u>	<u>STCP12-1 Data Equipment Item List Reference</u>
<u>Planning Derogations</u>	<u>Derogations from the NETS SQSS which pertain to the general transmission system.</u> <u>Details of site specific derogations will be specified in the appropriate Connection Site Specification.</u>	<u>Part 3 Section 4.1</u>	
<u>General Limitations</u>	<u>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.</u>	<u>Part 3 Section 4.2</u>	
<u>Substation Operating Guides</u>	<u>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.</u>	<u>Part 3 Section 4.3</u>	<u>179</u>

Section 5 – Automatic Control Management Systems

Information / data to be supplied

<u>Items</u>	<u>Description</u>	<u>Reference</u>	<u>STCP12-1 Data Equipment Item List Reference</u>
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	172
	Scheme Operational Sequences & Timings		
	Scheme Operational Equipment Diagram		
	Scheme Logic diagram		
	Scheme Mal-operation Contingency Capability & Limitations	Part 3 Section 5.3	



EXAMPLE

Offshore TO Name

Services Capability Specification

Guidance Notes Reference: Part 3 - 2.1 Branch Data

Node 1	Node 2	Voltage	Circuit	PPS PARAMETERS			ZPS PARAMETERS			Maximum Continuous Ratings			Lengths (km)	NGET Line Code
		kV		R1	X1	B1	R0	X0	B0	Winter	Spr/Aut	Summer		
				%100MVA	%100MVA	%100MVA	%100MVA	%100MVA	%100MVA	MVA	MVA	MVA		
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											

EXAMPLE

Offshore TO Name

Services Capability Specification

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

Circuit 1 Name	Circuit 1 Node 1	Circuit 1 Node 2	Coupled to	Circuit 2 Node 1	Circuit 2 Node 2	R_{0M}	X_{0M}	B_{0M}
			Circuit 2 Name			%100MVA	%100MVA	%100MVA
Circuit A	Name	Name	Circuit B	Name	Name	0.3019	0.7436	0.0199
			EXAMPLE					

EXAMPLE

Offshore TO Name

Services Capability Specification

Guidance Notes Reference: Part 3 - 2.3 Circuit Breakers

Location	Name	Voltage	Maker	Model	Type	Year Commissioned	Assumed Operating Times			Continuous Rating (A)	3 Phase				1 Phase			
							Circuit Breaker (mS)	Minimum Protection & Trip Relay (mS)	Total Time (mS)		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				
					EXAMPLE													

EXAMPLE

Offshore TO Name

Services Capability Specification

Guidance Notes Reference: Part 3 - 2.4 Transformers

HV Node	HV	LV Node	LV	Rating	Transformer	PPS PARAMETERS		ZPS PARAMETERS		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	%	%	%				
Name	132	Name	33	90	Grid T1	0.7407	27.2333	0.7407	27.2333	-20	10	1.67	2			T123
					EXAMPLE											

EXAMPLE

Offshore TO Name

Services Capability Specification

Guidance Notes Reference: Part 3 - 2.5 Reactive Compensation Equipment

SWITCHED SHUNT REACTORS

Item	Node	kV	Reactor No.	Rating MVar	P Loss kW	Taps	Connection
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.

EXAMPLE

Voltage 132kV

CIRCUIT RATING SCHEDULE

NGET Line Code	
	Issue Date

Offshore TO Name

CIRCUIT Name from Site A – Site B

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

Notes or Restrictions Detailed

EXAMPLE

Offshore TO Name

Services Capability Specification

Guidance Notes Reference: Part 3 – 3.1 Protection Policy **Date: xx/xx/2009**

PROTECTION POLICY

Substation: Wind Farm No1: 132/33kV

Details of Protection Policy:

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

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

Telecommunications Routes

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

<u>INTERTRIPPING</u>	<u>SITE END A</u>	<u>SITE END B</u>
<u>1st Intertrip</u>	<u>YES</u>	<u>YES</u>

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

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

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

5 DAR SEQUENCE SCHEDULES

Formatted: Bullets and Numbering

REVERSION: NO

1. TRANSIENT LINE FAULT

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

DCC – Dead Line Charge SCC – Circuit Check Synch

2. TRANSIENT LINE FAULT WITH FERRO RESONANCE

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

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3. PERSISTENT LINE FAULT

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

4. T1 FAULT AT SITE END A

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

NOTES

1)

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

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:

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:

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:

<u>Postal Address:</u>	<u>Telephone Nos.</u>	<u>Map Ref.</u>

National Grid Interface

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Generator Interface

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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:

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:

Appendix ED: Abbreviations & Definitions

Abbreviations

BETTA British Electricity Trading and Transmission Arrangements
SHETL Scottish Hydro-Electric Transmission Ltd
SIR Supplementary Information Request
SO System Operator
SPT Scottish Power Transmission Ltd
STC SO-TO Code
STCP SO-TO Code Procedure
TO Transmission Owner
[OFTO Offshore Transmission Owner](#)
[SCS Services Capability Specification](#)
[NETS National Electricity Transmission System](#)
[NETSO National Electricity Transmission System Operator](#)

Definitions

STC Definitions Used:

NGET
Party (or Parties)
[National Electricity Transmission System](#)