STCP 11-2 Issue 0054 Outage Data Exchange

STC Procedure Document Authorisation

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

STC Procedure Change Control History

Issue 001	22/03/2005	BETTA Go-Live Version
Issue 002	26/05/2005	Issue 002 incorporating PA011
Issue 003	05/10/2005	Issue 003 incorporating PA034 and PA037
Issue 004	17/12/2009	Issue 004 incorporating changes for Offshore Transmission
Issue 005	17/05/2010	Issue 005 incorporating PA056 (corrections for Offshore Transmission)

1 Introduction

1.1 Scope

1.1.1 This procedure describes the data exchange requirements between NGET and the TOs to facilitate the Outage planning process.

1.1.2 This document has been revised to take account of the introduction of the offshore transmission networks and the resultant increase in the number of TOs that will require ~~to~~ interaction with NGET as NETSO in the role as coordinator of generator and network outage data.

1.1.3 For the purposes of this STCP, the TOs are:

- SPT;
- SHETL; and
- All Offshore Transmission Licence holders as appointed by OFGEM

1.1.4 No distinction is generally made within the document between Onshore and Offshore TOs. References are applicable to both unless specific conditions or exceptions are made in the document relating to an Onshore TO or Offshore TO and such distinction will be prefixed accordingly.

1.1.5 This document recognises that an Onshore TO may become the owner of one or more Offshore Networks and that the ownership of Offshore TO networks may change over time.

1.1.6 NGET shall use the NGET Outage Database (currently known as TOGA) to

- manage and maintain details of the Outage Plan
- manage the process of Outage change.
- manage the introduction of new Offshore TOs
- manage changes in Offshore Network ownership
- provide TOs with visibility of all impacting outages
- manage Capacity Declarations by DNOs

1.1.7 The NGET Outage Database will be available to each TO.

1.1.8 This procedure allows for a TO to use the NGET Outage Database interactively (via screens) and to exchange Outage data with NGET via a file transfer process.

~~1.1.9~~This procedure should be read in conjunction with STCP11-1 Outage Planning, and the TOGA System Interface Specification, Issue 4.0, dated 8/12/04. ~~*[and temporarily the Functional Specification 'TOGA Changes for TO Offshore' Issue 1 (currently in draft version2 dated 4 Nov 2008)].*~~

1.1.9

1.2 Objectives

1.2.1 The objective of this procedure is to set out the requirements for exchange of information between NGET and the TOs to facilitate the process in STCP11-1 Outage Planning.

2 Key Definitions

2.1 For the purposes of STCP11-2:

2.1.1 **Additional Outage Data** means data items listed in the TOGA System Interface Specification.

2.1.2 **Basic Outage** means a template for data held within NGET Outage Database comprising a single item or group of Plant & Apparatus affected when an Outage is released for work.

2.1.3 **Basic Outage Data** means those data items listed in Appendix B A of this SCTP.

2.1.4 **Capacity Declaration** means…. [to be defined] a statement indicating restrictions to the import and/or export capability of the network boundary.

2.1.5 **Outage Identification** means an unique identification identifying each Outage in the NGET Outage Database.

2.1.6 **Outage Request** means an Outage Proposal or Outage change request.

2.1.7 **Outage Request Identification** means an unique identification for each Outage Request submitted to the NGET Outage Database.

2.1.8 **Outage Status** means the stage of the planning process which an Outage has reached. Refer to Appendix Appendix CC1 Status Code list for details.

3 The NGET Outage Database

3.1.1 Once a prospective Offshore TO have their application approved, NGET will add that TO to the database such that NGET will be able to associate the new TO with one or more new assets, offshore substations and parties in the NGET Outage database.

3.1.2 New Offshore TOs will be able to access TOGA via the current web user interface.

3.1.3 NGET will maintain details of Offshore Network ownership and changes of ownership within the NGET Outage database. The ownership history of an asset will be retained within the database.

3.1.4 NGET shall hold the master Basic Outage list in the NGET Outage Database (known as TOGA). Each new request for an Outage shall be based on a Basic Outage.

3.1.5 For each Outage Request, the NGET Outage Database shall contain:

- a unique Outage Identification (that can be generated either automatically by the NGET Outage Database, or be provided by the Party entering the record);
- Basic Outage Data (as set out in Appendix Appendix BB); and
- Additional Outage Data (as set out in the TOGA System Interface Specification).

3.1.6 Details and formats of available fields for data transfers to/from the NGET Outage Database are those listed in TOGA System Interface Specification, Issue 4.0, dated 8/12/04.

3.1.7 Data can be entered into the NGET Outage Database by an Onshore TO via one of the three available methods described in section 4.

3.1.8 Data will be entered into the NGET Outage Database by NGET on behalf of Offshore TOs.

3.1.83.1.9 NGET will define any associations that connect a TO with the appropriate connecting assets in another TO network (i.e. bBoundary of iInfluence).

3.1.93.1.10 NGET will provide each TO with the means to obtain visibility of any outages that are planned within the bBoundary of iInfluence with adjacent TO networks.

3.1.103.1.11 The NGET Outage Database provides for a change control process, which allows an audit trail to be maintained and allows the history of any Outage to be tracked.

3.1.113.1.12 NGET shall maintain an up to date NGET Outage Database (TOGA) user guide, that shall be made available to each TO both online and as a hard copy.

4 Outage Data Exchange

4.1 General Process

4.1.1 A master list of Basic Outages shall be held in the NGET Outage Database. Each TO shall provide Basic Outage Data for all of that TO's Basic Outages. NGET shall enter additional Basic Outage Data, as appropriate.

4.1.2 NGET will define any associations that connect a TO with the appropriate connecting assets in another TO network (i.e. bBoundary of iInfluence) within the Basic outage Data. (See Appendix FAppendix E)

4.1.3 The TO will advise NGET as soon as practicable prior to changes of asset ownership and NGET will maintain details of such changes within the NGET Outage database. (See Appendix EAppendix D)

4.1.4 The Basic Outage Data listed in Appendix Appendix BB shall be provided and/or maintained by the responsible Party as described in Appendix Appendix BB. The TO shall provide new Basic Outage Data as and when new Basic Outages are required.

4.1.5 TO submission of changes to existing Basic Outages and new Basic Outages shall be flagged by the TO for NGET to accept and/or add relevant data.

4.1.6 The master list of Basic Outages shall be available for downloading by all Parties in a flat file format.

4.1.7 NGET will maintain a list of status codes that are required as part of the Outage data exchange process. This list may be updated as required to meet the requirements of all parties. The current list is contained in Appendix Appendix CC.

4.1.8 If NGET is unable to place an Outage on the dates requested by a TO, that Outage shall have a Request Status that indicates that the Outage is under NGET assessment. If, as a result of this assessment, NGET puts forward change proposals, these proposals shall be available for the TO to view in the NGET Outage Database. NGET shall also send the change proposals electronically to a TO for agreement or further discussion, if requested.

4.1.9 If a TO agrees to NGET's proposed changes they shall resubmit the Outage with the proposed changes for confirmation of approval from NGET.

4.1.10 If a TO does not agree to the proposed changes to the Outage Request, the TO shall contact NGET to discuss and resolve any issues. Once any changes are agreed then the TO shall resubmit the Outage Request to NGET for approval.

4.1.11 All Parties shall respond to all requests for Outage changes as soon as reasonably practicable, taking account of the time remaining from the request date to the Outage start date or date of change.

4.1.12 Any Party can download a list of Outages that have changed since that Party last requested such a list.

4.1.13 A list of Outages downloaded by a TO shall contain all planned Outages within that TO network and any appropriate planned Outages within the bBoundary of iInfluence of another TO.

4.1.14 An audit trail shall be maintained for all changes to Outages contained within the NGET Outage Database.

4.2 Creating New Outages

4.2.1 Any request for a new Outage proposed as part of an Outage Request that has not been assigned an Outage identification by the relevant TO shall have an Outage Identification automatically generated by the NGET Outage Database.

4.2.2 Requests for new Outages can be entered into the NGET Outage Database by an Onshore TO using one of the three methods described below:

4.2.2.1 By direct entry into NGET Outage Database. In such case:

- the Onshore TO shall choose the appropriate Basic Outage template in the NGET –Outage Database, and add the necessary information; and
- this data shall be visible to NGET as an Outage Request.
- this entry type is best suited to single or low volume entries

4.2.2.2 Via electronic upload into NGET Outage Database. In such case:

- the Onshore TO shall produce a list of Outage Request in the appropriate format and containing the agreed data (including the Basic Outage Data reference);
- the Onshore TO shall upload the information into the NGET Outage Database; and
- each upload shall be assigned a unique batch identification by the NGET Outage Database
- this entry type is best suited to mid to high volumes of entries

4.2.2.3 Via electronic file transfer. In such case:

- the Onshore TO shall produce a list of Outage Requests in the appropriate format and containing the agreed data (including the Basic Outage Data reference);
- the Onshore TO shall send a file electronically to NGET; and
- NGET shall ensure that such a file is loaded into the NGET Outage Database and forward any error file/ rejection to the relevant Onshore TO.
- the outcome of the Outage Request shall be flagged back to the Onshore TO in a flat file transfer.
- This entry type is best suited to a high volume of entries or where an interface to a User database is used.

4.2.3 All requests for new outages made by Offshore TOs will be entered into the NGET Outage Database by NGET. The Offshore TO shall provide the information as described in 4.2.2.3. NGET will inform the Offshore TO when the data is available within the NGET Outage Database.

4.3 Outage Requests

4.3.1 The TO shall provide requests for Outage changes in accordance with STCP 11-1: Outage Planning. These shall include the Additional Outage Data detailed in the TOGA System Interface Specification Issue 4 dated 8/12//04. *[and temporarily the Functional Specification 'TOGA Changes for TO Offshore' Issue 1 (currently in draft version2 dated 4 Nov 2008)]*.

4.3.2 The TO may submit more than one Outage Request for an item of Plant and Apparatus at the same time e.g. if an Outage is required on a circuit for both construction and maintenance at the same time this may be shown as two Outages.

4.3.3 When NGET agrees to an Outage Request, it shall move into the Outage Plan and, if requested, notification of this agreement shall be sent electronically to the TO(s).

4.4 Submitting an Outage Request (for a change to an existing Outage)

4.4.1 Outage Requests involving existing Outages can be entered into the NGET Outage Database by an Onshore TO using one of the three methods described below:

4.4.1.1 By direct entry into NGET Outage Database. In such case:

- the Onshore TO shall choose the appropriate Outage record in the NGET Outage Database, take a copy to create an Outage Request and update the fields as required;
- once the Outage Request has been agreed by NGET, the appropriate Outage Status shall be set and the Outage shall form part of the Outage Plan.
- this entry type is best suited to single or low volume entries

4.4.1.2 Via electronic upload into NGET Outage Database. In such case:

- the process in 4.2.2.2 shall be followed, with the addition of the existing Outage Identification; and
- this record shall be recognised as an existing Outage and the NGET Outage Database shall therefore apply the information to the correct record.
- this entry type is best suited to mid to high volumes of entries

4.4.1.3 Via electronic file transfer. In such case:

- the Onshore TO shall send a file containing the Outage Request (identified with its existing Outage Identification) electronically to NGET directly from their own database; and
- NGET shall ensure that such a file is loaded into the NGET Outage Database and forward any error file /rejection to the relevant Onshore TO.
- Once agreed the outcome of the Outage Request shall be flagged back to the Onshore TO in a flat file transfer.
- This entry type is best suited to a high volume of entruies or where an interface to a User database is required

4.4.2 All requests for outages involving existing outages made by Offshore TOs will be entered into the NGET Outage Database by NGET. The Offshore TO shall provide the information as described in 4.4.1.3. NGET will inform the Offshore TO when the data is available within the NGET Outage Database.

4.4.3 Regardless of the manner in which the Outage Request is entered into the NGET Outage Database:

- it shall be possible for either Party to track the progress of each Outage Request or batch of Outage Requests by entering the batch identification or Outage Identification into NGET Outage Database.
- the Outage Request shall be submitted to NGET either with the actual/suggested dates required or a date range and duration (for NGET to –propose a secure placement);
- NGET shall assess and attempt to place the Outage Request-;
- any Outage Requests submitted after the Plan Freeze date must be accompanied by a unique Outage change code and change description (see ~~Appendix~~ Appendix C~~C~~5); and
- where appropriate, NGET shall provide a regular update of changed Outages as agreed with each TO.

~~4.4.3~~4.4.4 An Outage Request will only become part of the Outage Plan when it has been approved by NGET.

4.5 Services Reductions of greater than 3 hours duration.

4.5.1 It shall be possible to separately identify Services Reductions that result in Plant and/or Apparatus being out of service for greater than 3 hours duration within the NGET Outage Database and run a report on these entries.

4.5.2 The TO shall normally enter, by any agreed method in section 4.2 and within 24 hours of the Event, Services Reductions that result in Plant and/or Apparatus being out of service for greater than 3 hours duration. If this is not possible, NGET will enter these Services Reductions into the NGET Outage Database and liaise with the TO to align databases as required.

4.6 Capacity Declarations

4.6.1 If a DNO network acts as the connecting point for an Offshore TO and that DNO network restricts the capacity of the Offshore Network then the DNO should declare a capacity restriction. This will allow the Offshore TO and any associated generators to take appropriate action. (See ~~Appendix G~~Appendix F)

~~4.6.2NGET will be able to create a Basic Outage of type 'Capacity' and status 'Editable'.~~

~~4.6.3~~4.6.2 ~~A DNO can create a capacity declaration for assets associated with a Basic Outage or~~ NGET can create a capacity declaration on behalf of a DNO. ~~The equipment owner of the basic outage of type Capacity should be a DNO.~~

~~4.6.4~~4.6.3 The information submitted as a Capacity Declaration is as follows

- Maximum export capacity (MVA and MW)
- Maximum Import capacity (MVA and MW)
- The period over which the capacity limits are valid
- Designated circuit (optional)

~~4.6.5~~4.6.4 When it receives a DNO capacity declaration NGET will carry out a process to determine how (or if) the restriction should be apportioned between the connecting parties.

~~4.6.6~~4.6.5 NGET will distribute this information to ensure all parties get appropriate visibility.

~~4.6.7~~4.6.6 Where a Network restriction exists in a TO network due to a customer choice connection then NGET can also declare a Capacity Declaration to one or more connecting parties using the same process as above.

4.7 Fast Track Outage Requests

4.7.1 This process may apply where the TO and NGET have talked and agreed an Outage Request verbally.

4.7.2 The Outage Request provided by the TO shall be recorded in the NGET Outage Database, with the reason for the change.

4.7.3 This fast track process is for use in exceptional circumstances and should not be used when the normal process shall suffice.

5 NGET Initiated Outage Request changes

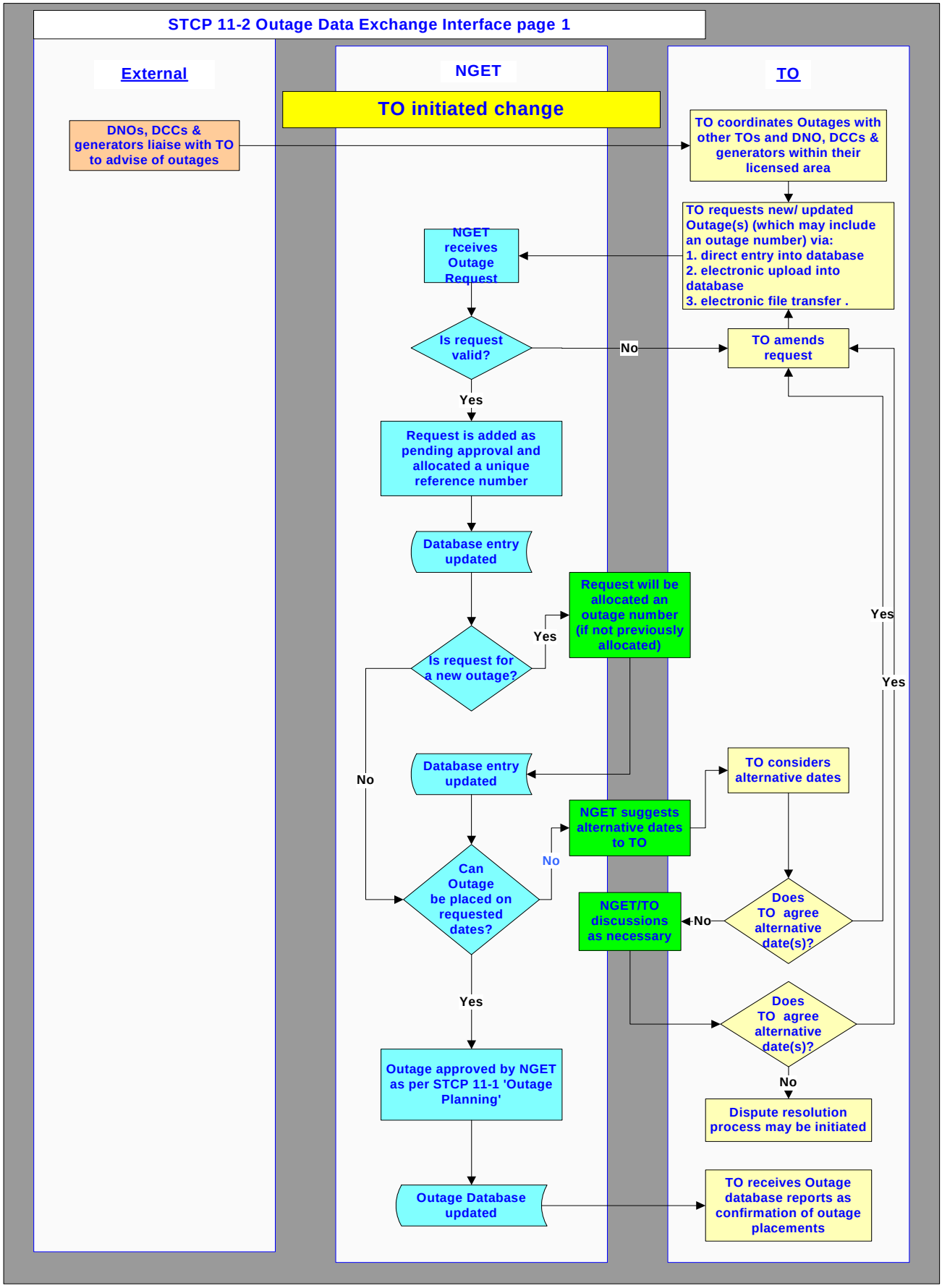
5.1 An Outage Request change may be requested by NGET for operational reasons. This could occur in any timescale. NGET shall liaise with the TO on the details and reason for the proposed Outage change and agree appropriate change codes to be used in accordance with ~~Appendix~~ Appendix C~~C~~5.

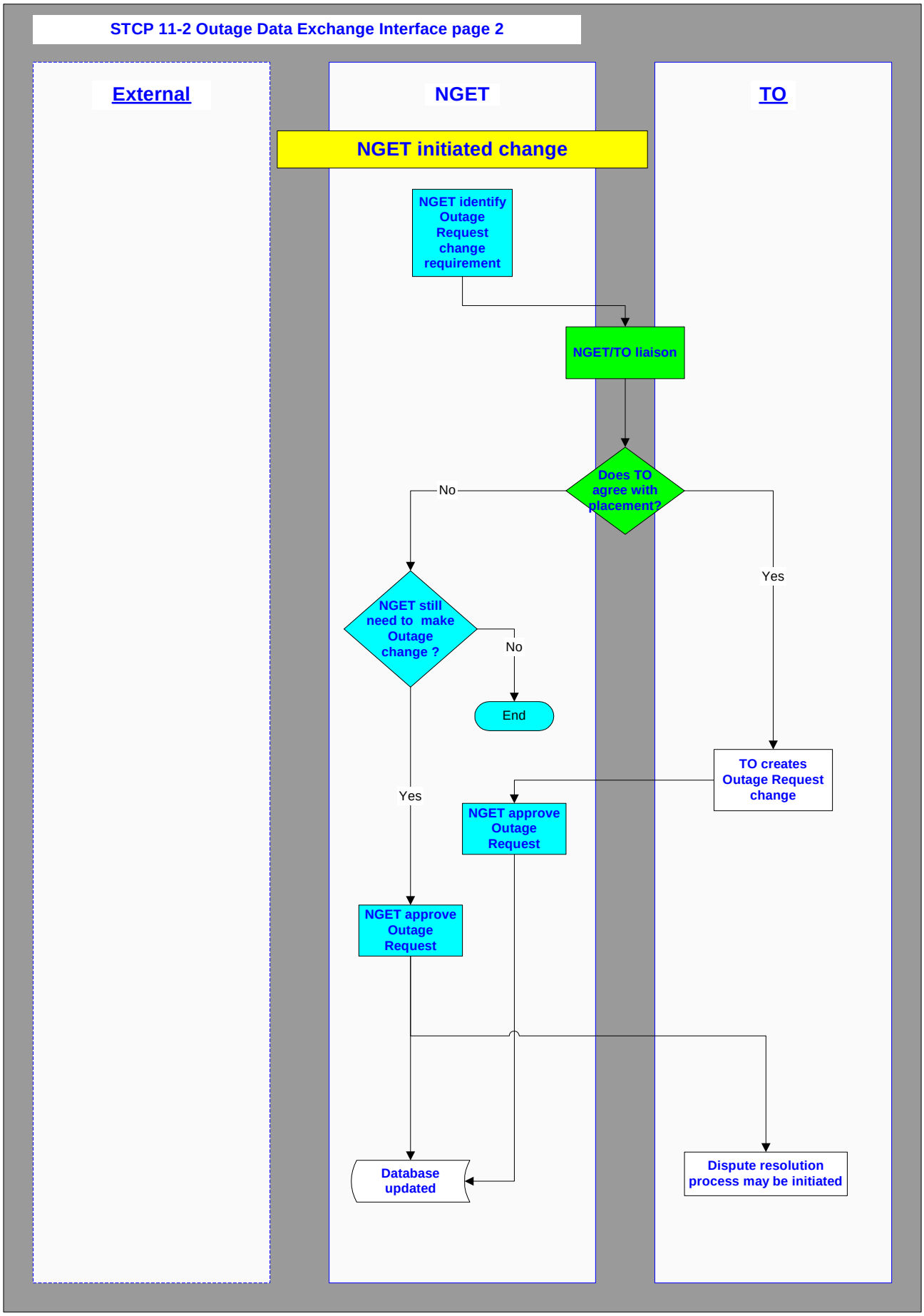
5.2 If the TO accepts the Outage Request change then NGET shall request the TO submit an Outage Request change using one of the three methods described in section 4.4, indicating that NGET are the initiating Party by use of the change codes. NGET will approve the Outage Request change and update the NGET Outage database.

5.3 Where the TO disagrees with an NGET initiated change to an Outage and an alternative cannot be agreed, NGET may, where operational circumstances dictate, remove the Outage from the Plan, flag the change to the TO and update the NGET Outage database accordingly. The TO may then choose to dispute the Outage removal or submit a modified Outage Request.

Appendix A Flow Diagram

Note that the Process Diagrams shown in this Appendix A are for information only and Offshore TOs should refer to section 4 for clarity. In the event of any contradiction between the process represented in this Appendix A and the process described elsewhere in this STCP, then the text elsewhere in this STCP shall prevail.




STCP 11-2 Outage Data Exchange Interface page 2
External
NGET
TO
NGET initiated change
NGET identify Outage Request change requirement
NGET/TO liaison
Does TO agree with placement?
No
Yes
NGET still need to make Outage change ?
No
End
Yes
TO creates Outage Request change
NGET approve Outage Request
NGET approve Outage Request
Database updated
Dispute resolution process may be initiated

Appendix BB: Basic Outage Data

The list of data stored against a Basic Outage record is shown below. Two data downloads are available:

- A full list; or
- Basic data reference.

This information shall be transferred between the TO and NGET or vice versa for each Outage Request. The full list with format information is in TOGA System Interface Specification, Issue 4.0, dated 8/12/04.

Field	Responsibility for provision	Description
Basic Reference	By Agreement	Reference identification associated with basic Outage data. This is currently used by the TO to link initial plan build Outage Requests to their work management system. When creating a single Outage this reference is found and shall provide basic template for an Outage Request. The format shall include the first Substation code and a unique identification associated with each circuit.
Status	NGET	Status of basic Outage
Outage Equipment Description	By Agreement	Full description of circuit out of service
Outage Type	NGET	Standard or comment
Branch Assets	NGET	The code used to identify each element of the Outage (NGET NASAP)
Substations involved	TO	List of substations affected by the Outage
NGET Significance	NGET	A flag from A to E indicating the significance. A=MIS, B= TO Outages at interface sites, C= Customer Outages at interface sites, D = Customer Outages that may affect operation of National Electricity Transmission System, E = Outages of no interest to NGET.
External interested parties	NGET	Indicates which Outages need to be notified to Offshore TOs and external parties under Grid Code OC2
External party comments	NGET	
NGET interested parties	NGET	NGET internal groups
TO interested parties	TO	Optional field to indicate which TO groups may be interested in the Outage
Operational comments	TO and NGET	Generic comments relevant to both Licensees whenever the Outage is taken out of service
Licensed Area		Default to supplying TO
Valid From	TO	Date from which the basic data record becomes active. For a new circuit would normally be the date that the circuit is expected to come under safety rules.

Valid To	TO	Used to indicate when a record is no longer valid.
Last Updated Date	*System generated	Date on which last update occurred
Last updated by	*System generated	Party ID carrying out last update
Equipment Owner	NGET	Defaults to appropriate TO. This would be different if there are basic Outages for DNO assets.
Basic Group	NGET	The same code as the basic Outage identification for the basic Outage that includes all combinations of a potential Outage.
Free Codes	TO or NGET	Optional. A definable code stored in NGET Outage Database that enables grouping of Outages to enable reporting. Usually applied when creating an Outage
Tower References	TO	Optional field that can be used to indicate Towers of special interest
Risk flag	NGET/TO	The indication that demand may be at increased risk during this Outage
Demand at Risk	NGET	Information about demand at risk during this Outage.

*System generated fields are completed automatically on submitting a change to the NGET Outage Database.

~~Appendix~~ Appendix C~~C~~: NGET Outage Database(TOGA) Codes

C~~C~~.1 Request Outage status codes

Request Status	Request Description	*Final?
Initial (Set by TO)	Initial Outage request before submission to NGET. This is used while an Onshore TO is assessing its requests before submitting to the NGET. SP will not use this code, as SP's own systems will manage this.	No
With SO (Sent by TO to NGET)	With NGET for assessment. This is the NGET 'INBOX'. NGET will assess all Outages that are given this status whether for the first time or subsequent updates. Outages that have acceptable actual dates can be accepted directly into the plan by NGET.	No
Reassessment (Sent by NGET to TO)	With the Onshore TO for reassessment	No
Rejected (Set by NGET)	Outage request that will not be placed but may still required by TO. NGET shall discuss with TO before setting to this status.	Yes
Cancelled ((Normally set by TO but can be set by NGET)	An Outage request for a new Outage or a change to an existing Outage that is no longer required. If the request is for a change to an existing Outage the existing Outage will remain unchanged.	Yes
Agreed (Sent by NGET to TO)	Agreed by NGET but waiting final acceptance by TO. This is used where final confirmation of an Outage change is required from the TO. This could be where NGET is suggesting dates in response to a "window date" request from the TO. Note: When NGET sends back an Outage with new suggested dates that are different to the fixed dates actually requested, then NGET should use 'Reassessment'	No
Pending (set by TO)	Set when request Outage becomes a pending Outage before final acceptance by NGET. This status is used by the Onshore TO to indicate agreement with the final dates as suggested by NGET and is likely to occur after a status Agreed. This status will not occur for Outages received by file transfer as NGET will always accept Outage straight into plan if Outage dates are secure.	No
In Plan (Set by NGET)	The Outage Request is in the Plan. This is set automatically by agreeing any request Outage into the Plan	Yes

*Final ?- If a status is Final then another request with a different request identification can be raised against a planned Outage with the same planned Outage identification.

CC.2 Planned Outage status codes

Status	Description
Planned - Planned	An Outage that forms part of the plan. An Outage will first get this status when it goes into the plan for the first time either from an Outage Request or from a Request Status Pending Outage
Planned - Started	An Outage that has started and actual start dates have been entered. Note it is only possible to update the end date at this status.
Planned - Complete	An Outage that has been completed and actual start and end dates have been entered. Note it is NOT possible to update any dates at this status.
Planned – Not Taken	An Outage that has not been taken. Usually set to this status at short notice by NGET. If necessary the TO can then use an Outage Request to make suggestions for a new placement or make a new pending entry.
Planned – Cancelled	An Outage that has been cancelled but a record that is retained for history. An Outage is usually cancelled by the TO either by submitting a file request to cancel an Outage or by submitting via the screen a direct cancellation of a planned Outage to be agreed by NGET

CC.3 Work types

The following are the available work types. Several of these can be used when creating an Outage.

Code	Description	Usual Status Main Circuit
AVC	SGT AVC out of service	In service
CAP	Capacity Declaration	In service
CLR	Clearance Outage	Out of service
COM	Commissioning work involving NGET	Out of service
CON	Construction work	Either
DAR	Outage of DAR scheme	In service
GEN	Generator Outage	Out of service
INS	Insurance inspection	Out of service.
OFC**	Over flying conductors	Out of service
OPS**	Operational switching	Either
PRO	Protection Outage	In service
PTT	On load trip test	In service
RAT	Rating restriction	In service
ROM	Routine maintenance (equipment Outage)	Out of service
ROT	Risk of trip	In service
RSS**	Requirement for safety switching	Out of service

Code	Description	Usual Status Main Circuit
SCO**	Transmission System construction Outage	Either
UCO	User construction Outage	Either
UNC	Unclassified	Either
ADR	Fault or unplanned repairs / maintenance	Either
DEP	Protection Depletion	In service
ANC	Ancillary equipment on site, air systems etc	In service
DOC	Comment entry for information only	In service

** codes requested and used by NGET (Onshore E&W TO)

CC.4 TO Priority Codes

Priority	Description
1	Must Have – Includes urgent defect repairs, construction work associated with third party connections, work associated with Railtrack possessions
2	Other construction work and essential maintenance including overdue maintenance and non urgent defect repairs
3	Routine maintenance that will have a significant impact on resource if moved
4	Routine maintenance that can be flexible
5	Other work that is taken when an opportunity arises and can easily be moved with no impact on TO resource

CC.5 Change codes

NGET Outage Database change codes must be unique and can be allocated for use in an individual Licensed Area or can allocated for use by all TO's in all Licensed Areas. The following codes are in use. Each TO will have a one or two letter code applied where the * appears. For Onshore TOs these are single letter codes (I.E. SPT = P and SHETL=H), For each Offshore TO a unique two letter code will be agreed.

Code	Description
*IJ	Planned work job content change
*AW	Additional work found during Outage
*KO	Knock on from TO initiated change
*MI	TO Other
*RT	Reinstated - Outage returned to the plan after being temporarily suspended.
*CT	Contractors problems
*PY	Incorrect Outage duration for work
*W	Weather related due to inability to carry out planned work by TO
*PR	No TO resource or equipment available
OF	System Security
OH	Customer requested change from DNO or DCC

Code	Description
OK	TO consequential change from NGET initiated change
OS	TO consequential change due to another TO
OO	NGET other
OW	Weather related due to system security.

CC.6 Outage Identification Prefixes

Company	Outage Identification Prefix
Scottish Power	SP
Scottish Power's DNO	SD
Scottish & Southern	SH
Scottish & Southern DNO	HD
Add Company name	Add ID prefix to be used

CC.7 Party Codes

These are the codes that are used to indicate who is requesting the Outage or change to an Outage. They can be codes that refer to NGET, TO or an external party. The following table lists these codes. Note all users of the NGET Outage Database (TOGA) will have a party code assigned to them. (This list will be subject to update to include further external parties)

Code	Type	User
PLSP	TO	Scottish Power Planning Group
PLSH	TO	Scottish Hydro Electric Transmission
SPD	EXT	Scottish Power Distribution
SHEPDL	EXT	Scottish Hydro Electric Distribution
PLSCOT	NGET	NGET Outage Planning
Add external party code	OFTO	Company name

CC.8 Equipment Owner/ Power Station Codes

These are the unique codes that are used to indicate the ownership of an item or group of Plant and Apparatus.

CC.9 Transmission Owner Codes

These are unique codes that are needed to identify individual Offshore Transmission Owners

~~***Appendix D: Add a New Transmission Owner***~~

~~Authorised NGET users are be able to add new Transmission Owner details to TOGA by providing the following details:~~

- ~~TO Code (mandatory field, max 5 characters)~~
- ~~TO description (mandatory field, max 30 characters)~~
- ~~Short Code (mandatory field)~~
- ~~Outage number required (default YES)~~
- ~~Offshore TO indicator (default YES)~~
- ~~Comment field (500 characters free text)~~

~~*Appendix E*~~*Appendix D: Change of Network Ownership*

A TO can be associated with one or more assets/substations through the add asset, add substation, edit asset and edit substation screens.

It is expected that over time the Offshore network assets may be bought and sold leading to different TO's being associated to the Offshore assets.

The TO will advise NGET as soon as practicable prior to changes of asset ownership and NGET will maintain details of such changes within the NGET Outage database

Authorised NGET users are able to access a Change of Ownership screen that allows the ownership of assets to be transferred from one TO to another TO.

A history detailing the past and present ownership of assets will be retained in the TOGA database.

TOGA will maintain the integrity of outage requests reports etc. over any period of ownership change against the following criteria:

- After the change date the new TO will be able to see all past outage information for that network including outages requested by the previous TO.
- After the change date the old owner will not be able to see any information for that network.
- Until the changeover date the old TO will be able to submit outage requests even for the period after the ownership changeover
- Until the changeover date the new TO will be able to see any outage associated to the network
- When a TO of an offshore network is replaced by a new TO a re-association of the assets/substations will be carried out within that network to the new TO.

~~*Appendix F*~~*Appendix E: Boundary of Influence*

Authorised NGET users will define the association that will connect a TO party with the appropriate connecting asset in other TO networks (i.e. bBoundary of iInfluence)

A bBoundary of iInfluence is defined at asset level only and is applicable only to assets not substations,

If a bBoundary of iInfluence is created between a TO and an asset it does not automatically create the reverse bBoundary of iInfluence. This has to be done manually.

All TO's will have visibility of planned outages within their own network and any outages that may be planned within the bBoundary of iInfluence (i.e. impacting outages).

~~Appendix G~~Appendix F: Capacity Declaration

Where an Offshore transmission connection is to a DNO network (will apply in England & Wales only) and that DNO requires some restriction on the output of the Offshore Network then the DNO should declare a Capacity Declaration.~~restriction in the form of a Capacity Declaration~~.

The Capacity Declaration applicable to the DNO network will provide information on:

- Maximum export capacity
- Maximum import capacity
- Period over which the capacity limits are valid
- Designated circuits (optional)

Each Capacity Declaration may optionally be associated with an outage.

The Capacity Declaration will be facilitated within TOGA by creating a Planned Outage against the assets associated with a Basic Outage~~ of type 'Capacity' and status 'Editable'~~.

~~A DNO can create a Capacity Declaration for assets associated with a Basic Outage or~~ NGET ~~can~~ will create a capacity declaration on behalf of a DNO and the NETSO will create a capacity declaration on behalf of the Offshore TO. ~~The equipment owner of the basic outage of type Capacity should be a DNO.~~

When it receives a DNO capacity declaration NGET will carry out a process to determine how (or if) the restriction should be apportioned between the connecting parties.

An authorised NGET user will carry out a process to determine how (or if) the Capacity Declaration should be apportioned between the connecting parties at that connection point.

NGET will distribute information on this apportionment to ensure all parties get appropriate visibility.

Where a network restriction exists in a TO network due to a customer choice connection ~~-~~NGET may dec~~a~~lare a Capacity Declaration to one or more connecting parties using the same process.

~~Appendix~~ Appendix G~~H~~: Abbreviations and Definitions

Abbreviations

TOGA	Transmission Outage and Generation Availability (currently the name for the NGET Outage Database)
DCC	Directly Connected Customers
DNO	Distribution Network Operator(s)
STC	System Operator – Transmission Owner Code
SPT	SP Transmission Ltd
SHETL	Scottish Hydro Electric Transmission Ltd

Definitions

STC definitions used:

NGET

Outage

Outage Plan

Outage Proposal

Services Reduction

National Electricity Transmission System

Definitions used from other STCPs:

STCP 11-1:	NGET Outage Database
STCP 11-1:	Plan Freeze
~~STCP 11-1:~~	~~Boundary of Influence~~
STCP 11-1	Offshore Network