



| STC Initial Modification Report   |  | At what stage is this document in the process?  |    |                             |    |                       |    |                                 |    |                           |
|---|--|---|----|-----------------------------|----|-----------------------|----|---------------------------------|----|---------------------------|
| <h1>CM064: Update to the STC Schedule 4, Boundaries of Influence</h1>   |  | <table border="1"> <tr> <td>01</td> <td>Initial Modification Report</td> </tr> <tr> <td>02</td> <td>Industry Consultation</td> </tr> <tr> <td>03</td> <td>Draft Final Modification Report</td> </tr> <tr> <td>04</td> <td>Final Modification Report</td> </tr> </table> | 01 | Initial Modification Report | 02 | Industry Consultation | 03 | Draft Final Modification Report | 04 | Final Modification Report |
| 01  | Initial Modification Report  |   |    |                             |    |                       |    |                                 |    |                           |
| 02  | Industry Consultation  |   |    |                             |    |                       |    |                                 |    |                           |
| 03  | Draft Final Modification Report  |   |    |                             |    |                       |    |                                 |    |                           |
| 04  | Final Modification Report  |   |    |                             |    |                       |    |                                 |    |                           |
| <p><b>Purpose of Modification:</b> This proposal seeks to update the STC Schedule 4 Boundaries of Influence to reflect changes in transmission network.</p> |  |   |    |                             |    |                       |    |                                 |    |                           |
|    | <p><b>The Proposer recommends that this modification should be:</b></p> <ul style="list-style-type: none"> <li>subject to self-governance</li> </ul> <p>This modification was raised 19 March 2018 and will be presented by the Proposer to the Panel on 28 March 2018. The Panel will consider the Proposer's recommendation and determine the appropriate route.</p> |   |    |                             |    |                       |    |                                 |    |                           |
|    | <p><b>Low Impact</b> National Grid, Scottish Power Transmission, SHE Transmission</p>  |   |    |                             |    |                       |    |                                 |    |                           |

## Contents

|   |          |
|---|----------|
| <b>1 Summary</b>                            | <b>4</b> |
| <b>2 Governance</b>                         | <b>4</b> |
| <b>3 Why change</b>                         | <b>4</b> |
| <b>4 Code Specific Matters</b>              | <b>5</b> |
| <b>5 Solution</b>                           | <b>5</b> |
| <b>6 Impacts &amp; Other Considerations</b> | <b>6</b> |
| <b>7 Relevant Objectives</b>                | <b>7</b> |
| <b>8 Implementation</b>                     | <b>8</b> |
| <b>9 Legal Text</b>                         | <b>8</b> |
| <b>10 Recommendations</b>                   | <b>8</b> |

## Timetable

### The Code Administrator recommends the following timetable:

|  |               |
|--|---------------|
| Modification Proposal issued to the STC Panel  | 20 March 2018 |
| Panel Agree that CM064 should proceed following the Self-Governance route              | 28 March 2018 |
| Issue Industry Consultation for 15 Workings Days                                       | 16 April 2018 |
| Industry Consultation closes   | 8 May 2018    |
| Issue Draft Final Modification Report to industry and the Authority for 5 Working Days | 11 May 2018   |
| Draft Final Modification Report issued to the STC Panel                                | 22 May 2018   |
| Panel determination vote   | 30 May 2018   |
| Appeal Window commences for 15 Working Days  | 4 June 2018   |
| Appeal Window closes   | 25 June 2018  |
| Implementation (10 working days following appeal closure)                              | 10 July 2018  |



Any questions?

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## Proposer Details

|   |  |
|---|--|
| <p><b>Details of Proposer:</b><br/>(Organisation Name)</p>  | Richard Proctor  |
| <p>Capacity in which the STC Modification Proposal is being proposed:<br/><br/>(i.e. STC Party, Party Representative or person or persons having a relevant interest as may be designated in writing for this purpose by the Authority)</p> | STC Party  |
| <p><b>Details of Proposer's Representative:</b><br/><br/>Name:<br/><br/>Organisation:<br/><br/>Telephone Number:<br/><br/>Email Address:</p>  | <p>Richard Proctor<br/>National Grid<br/>01926 655316<br/>Richard.proctor@nationalgrid.com</p> |
| <p><b>Details of Representative's Alternate:</b><br/><br/>Name:<br/><br/>Organisation:<br/><br/>Telephone Number:<br/><br/>Email Address:</p>   | <p>Chen Cheng<br/>National Grid<br/>07500 122605<br/>Cheng.chen@nationalgrid.com</p>           |
| <p><b>Attachments (Yes/No):</b><br/><b>If Yes, Title and No. of pages of each Attachment:</b></p>   |  |

## Impact on Core Industry Documentation.

*Please mark the relevant boxes with an "x" and provide any supporting information*

|                  |                          |
|------------------|--------------------------|
| <b>BSC</b>       | <input type="checkbox"/> |
| <b>Grid Code</b> | <input type="checkbox"/> |
| <b>CUSC</b>      | <input type="checkbox"/> |
| <b>Other</b>     | <input type="checkbox"/> |
| None             |                          |

## 1 Summary

### What

STC Schedule 4 Boundary of Influence diagrams.

### Why

The Boundaries of Influence have not been updated since they were created many years ago. The network has changed since their original creation and they now need to be updated.

### How

Analysis has been conducted to review the existing Boundaries of Influence and create a new one for NGET looking into the Scottish Power Transmission network. The analysis has been reviewed and the resultant new Boundary of Influence diagrams approved by the Joint Planning Committee as per the JPC terms of reference.

## 2 Governance

### Justification for Self-Governance Procedures

The proposer believes the Boundary of Influence update should follow the self-governance procedure as proposed update only affects the three onshore TOs and is unlikely to cause discrimination between STC parties or have material impact to customers.

The three onshore TOs and the SO have been consulted and given agreement to the new proposed Boundaries of Influence through the Joint Planning Committee.

### Requested Next Steps

This modification should:

- be subject to self-governance

## 3 Why change

Since the Boundaries of Influence were last updated in 2009 there have been a number of network changes so current Boundary of Influence diagrams do not accurately represent the current transmission network. In order to clearly define Boundary of Influence the diagrams need to be updated.

Changes to the transmission network since the Boundary of Influence diagrams were last updated include:

- Beaulay – Denny upgrade
- Crossaig- Hunterston new cables
- New QBs at Penwortham

A new Boundary of Influence has also been created for SPT as seen by NGET to allow NGET to be informed of developments in SPT network that may affect it.

## 4 Code Specific Matters

**Mandatory for the Proposer to complete.** Please provide any specialist information (that is Code-specific), such as technical skillsets required and any reference documents.

### Technical Skillsets

None

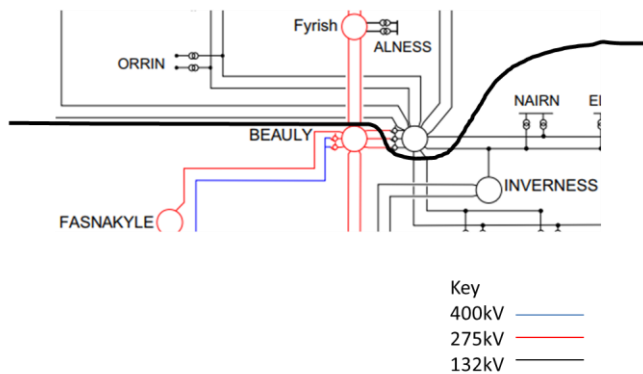
### Reference Documents

None

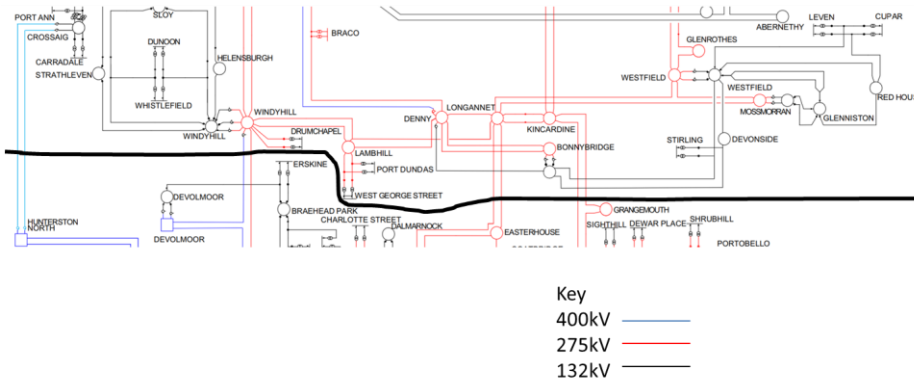
## 5 Solution

It is proposed that the Boundary of Influence diagrams in STC schedule 4 are replaced with the following.

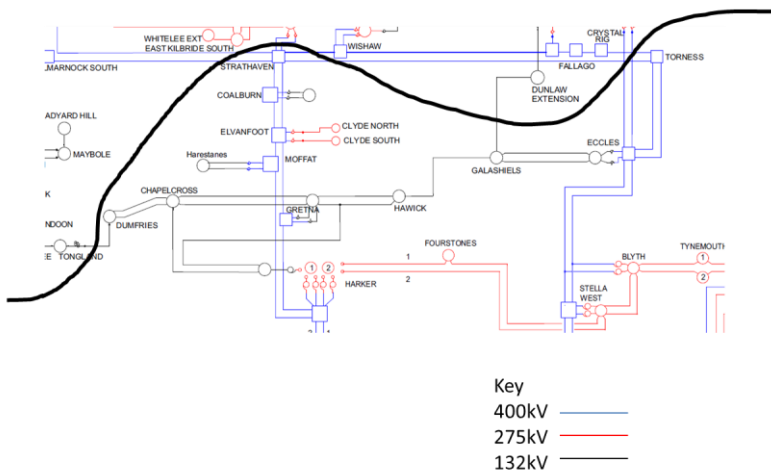
### SHET Boundary of Influence to SPT



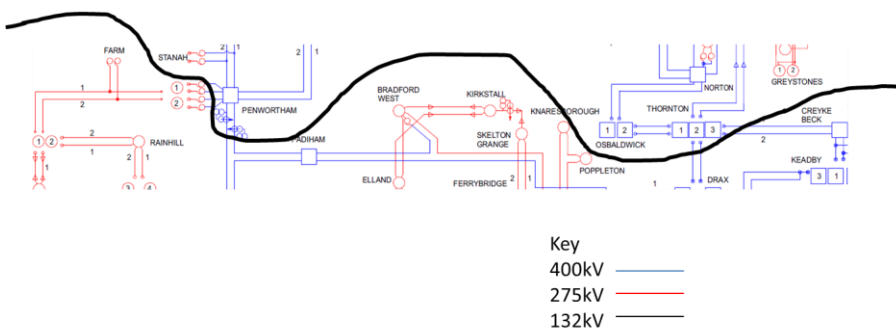
## SPT Boundary of Influence to SHET



## SPT Boundary of Influence to NGET



## NGET Boundary of Influence to SPT



## 6 Impacts & Other Considerations

The proposer considers that this modification will have no consumer or environmental impact.

## Does this modification impact a Significant Code Review (SCR) or other significant industry change projects, if so, how?

The proposer considers that this modification will not impact a Significant Code Review or industry change.

### Consumer Impacts

None

## 7 Relevant Objectives

| Relevant Objective   | Identified impact   |
|--|---|
| (a) efficient discharge of the obligations imposed upon transmission licensees by transmission licences and the Act  | Positive as supports sharing or relevant information that may impact TO networks. |
| (b) development, maintenance and operation of an efficient, economical and coordinated system of electricity transmission  | Positive as supports sharing or relevant information that may impact TO networks  |
| (c) facilitating effective competition in the generation and supply of electricity, and (so far as consistent therewith) facilitating such competition in the distribution of electricity    | None  |
| (d) protection of the security and quality of supply and safe operation of the national electricity transmission system insofar as it relates to interactions between transmission licensees | Positive as supports sharing or relevant information that may impact TO networks  |
| (e) promotion of good industry practice and efficiency in the implementation and administration of the arrangements described in the STC.  | None  |
| (f) facilitation of access to the national electricity transmission system for generation not yet connected to the national electricity transmission system or distribution system;          | Positive as supports sharing or relevant information that may impact TO networks  |
| (g) compliance with the Electricity Regulation and any relevant legally binding decision of the European Commission and/or   | None  |

|             |  |
|-------------|--|
| the Agency. |  |
|-------------|--|

The proposer believes the change will improve the discharge of obligations in operating and planning the transmission networks and facilitating customer connections by improving clarity of information sharing.

## 8 Implementation

It is proposed that CM064 STC Modification is implemented immediately after the appeals window closes providing no objections have been raised.

The proposed implementation date will be **XXX 2018**.

## 9 Legal Text



17\_SCHEDULE\_4\_V4  
.doc

## 10 Recommendations

### Proposer's Recommendation to Panel

Panel is asked to:

- Agree that Self Governance procedures should apply
- Issue this modification directly to Consultation