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STCP Modification Proposal Form

PM0126: Transmission Impact Assessment process

Overview: DNOs are obliged not to connect any new single embedded generation where it “may have an impact on the NETS” without undertaking a “Request for a Statement of Works” to NGENSO. This process does not take into account the growing trend of smaller embedded generation connections which may have a cumulative effect. This Modification seeks to facilitate an aggregated assessment that mitigates the need to assess individual smaller connections making it easier for all parties to get an accurate view of any works required.

Modification process & timetable



Status summary: The Proposer has raised a modification and is seeking a decision from the Panel on the governance route to be taken.

This modification is expected to have a: Medium impact

Transmission Owners, Transmission System Operators

Governance route	The Panel will make the decision on whether the modification should be implemented.	
Who can I talk to about the change?	Proposer: Terry Baldwin Terry.Baldwin@nationalgrideso.com 07814 778 118	Code Administrator Contact: Sally Musaka Sally.Musaka@nationalgrideso.com 07790 778 560

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What is the issue?

The current Statement of Works (SoW) process can be inefficient and time-consuming where there are concurrent multiple smaller connection applications. In order to overcome these the Network Operators have trialled and refined a more efficient aggregated assessment (widely known as the “Appendix G” process) of Distributed Generators (DG) that have or may have an impact on the National Electricity Transmission System (NETS). This process is being formalised as part of CUSC modification CMP298 and STC modification CM080 which have both been submitted to OFGEM for approval.

This proposal for changes to STCP 18-4 will align with the CM080 solution and is required to be implemented once CM080 has been approved by Ofgem.

Why change?

To define and document the roles and responsibilities for the TIA and ETI processes between NGESO and Transmission Owners.

What is the proposer’s solution?

STCP 18-4 currently describes the process of how TO(s) respond to an NGESO Request for a Statement of Works as a result of a User (the DNO) applying to NGESO for a Request for a Statement of Works. It defines the tasks, formal documentation, interface requirements, timescales and responsibilities between NGESO and the Host TO, Affected TO(s) and Other Affected TO(s) from receipt of such Request for Statement of Works through to the closure process.

Following the approval of CM080 it will be necessary to establish and describe a similar process for Transmission Impact Assessments which works in a similar way. CM080 will also introduce the concept of evaluation of transmission impact which will require the TOs to submit trigger criteria to NGESO so STCP 18-4 will also detail the data required and expected timescales.

Below are listed the high-level summary of the areas which will be added to STCP 18-4.

ETI

Trigger criteria for each GSP to be supplied by the TOs

The date by which NGESO would expect the initial trigger criteria for all GSPs

Trigger criteria data update requirements

TIA

Information flows between TOs and NGESO and Users for requests

Application fees

Application effectiveness

Planning assumptions

Programme agreement and creation of GB models.

Transmission construction works process

TIA amendments, closure, withdrawal and progress update processes.

Legal text

A draft of STCP 18-4 is attached. This will be further developed by the CM080 unofficial workgroup.

What is the impact of this change?

Proposer's assessment against STC Objectives	
Relevant Objective	Identified impact
(a) efficient discharge of the obligations imposed upon transmission licensees by transmission licences and the Act	Neutral [Please provide your rationale]
(b) development, maintenance and operation of an efficient, economical and coordinated system of electricity transmission	Positive This saves all parties time/admin and makes it easier for NGESO to consider cumulative impact of groupings of otherwise less-significant individual connections.
(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	Neutral [Please provide your rationale]
(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	Neutral [Please provide your rationale]
(e) promotion of good industry practice and efficiency in the implementation and administration of the arrangements described in the STC	Positive It mitigates the need for the "Statement of Works Request" process to apply to multiple smaller individual connections.
(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 This will enable DNOs to provide faster and more accurate connection offers.
(g) compliance with the Electricity Regulation and any relevant legally binding decision of the European Commission and/or the Agency.	Neutral [Please provide your rationale]

Proposer's assessment against the STCP change requirements ¹	Proposer's assessment
(a) the amendment or addition does not impair, frustrate or invalidate the provisions of the Code	Requirement met
(b) the amendment or addition does not impose new obligations or liabilities or restrictions of a material nature on Relevant Parties which are not subsidiary to the rights and obligations of the Relevant Parties under the Code	Requirement met
(c) the amendment or addition is not inconsistent or in conflict with the Code, Transmission Licence Conditions or other relevant statutory requirements	Requirement met
(d) the Relevant Party Representatives deem that the amendment or addition is appropriate to support compliance with the Code	Requirement met

When will this change take place?

Implementation date

Following the CM080 and CMP298 decision.

Implementation approach

No impact on systems.

¹ STCP changes may only be made if they meet the requirements in Section B, 7.3.2

Interactions

☐ Grid Code ☐ BSC ☒ CUSC ☐ SQSS
☐ European ☐ Other ☐ Other
 Network Codes modifications

This STCP change is a follow on from CUSC mod CMP298 and STC mod CM080.

Panel Determination

Party	Determination
National Grid (ESO)	To be updated following Panel determination
National Grid (TO)	To be updated following Panel determination
Offshore Transmission Owners (OFTOs)	To be updated following Panel determination
Scottish Hydro Electric Transmission plc (SHET)	To be updated following Panel determination
SP Transmission Limited (SPT)	To be updated following Panel determination

Acronyms, key terms and reference material

Acronym / key term	Meaning
BSC	Balancing and Settlement Code
PM	Procedure Modification
CUSC	Connection and Use of System Code
STC	System Operator Transmission Owner Code
SQSS	Security and Quality of Supply Standards

Reference material

- None