



# STC Panel

Wednesday 27 March 2024

Online Meeting via Teams

# WELCOME



# Approval of Panel Minutes

Approval of Panel Minutes from the Meeting held & Urgent STC Panel

28 February 2024/15 March 2024



# Action Log



# Authority Decisions and Update



## Decisions Pending

Modification	Final Modification Report Received	Expected Decision Date
<a href="#">CM079</a> - Consideration of STC/STCP changes in relation to CMP330/374	11 December 2023	08 May 2024
<a href="#">CM085</a> - To clarify OFTO reactive power requirements at low windfarm outputs	11 March 2024	TBC
<a href="#">CM086</a> - Introducing competitively Appointed Transmission Owners & Transmission Service Providers	11 March 2024	TBC
<a href="#">CM087</a> - Introducing Connections Process to facilitate Competitively Appointed Transmission Owners	11 March 2024	TBC

The Authority's publication on decisions can be found on their website below:

<https://www.ofgem.gov.uk/publications/code-modificationmodification-proposals-ofgem-decision-expected-publication-dates-timetable>

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# New modifications submitted

## STCPs

**PM0138 - Replacing references to “TOGA” within four STCPs**

**PM0139 - STCP 19-6 Update: Updating submission dates for application fee charges.**



# STCP Governance

If a change is developed which has the potential to materially amend an existing STCP the proposer is obligated to seek Panel's views on materiality before proceeding.

When considering the proposed changes to the STCPs, the 1<sup>st</sup> ask on voting members is whether you agree that the change is material.

- If not, then approved/rejected as has been done in the past;
- If material, then the proposer of the change would need to seek Ofgem's written approval to proceed, and to clarify who should approve the change.

Ofgem can then decide either:

- It is acceptable for the Panel to approve/reject the STCP changes (as has been done in the past; or
- They will make the decision themselves.





**PM0138 – Replacing references to “TOGA” within four STCPs**

Steve Baker and Keith Jones

27 March 2024



# Overview of PM0138 Modification

The ESO's outage planning tool, TOGA, was replaced by eNAMS. On 1st September 2021

Consequently references to TOGA need to be removed and replaced with references to eNAMS in:

- STCP 08-2
- STCP 11-1
- STCP 11-2
- STCP 19-3

This is a housekeeping change to reflect changes already in place. The proposed changes to STCPs will cover the following areas:

- Amend any references to 'TOGA' to "eNAMS" where appropriate.
- Refer to the 'Bulk Upload' facility and the 'eNAMS Bulk Uploads Guide'
- Direct to correctly updated web browser interface for reference

# Legal Text Changes for PM0138

SECTION	SUMMARY	CHANGES
STCP08-2	Flow diagram box insert eNAMS	Appendix A: Process Diagrams Outage(s) included in <del>TOGA</del> eNAMS database

SECTION	SUMMARY	CHANGES
STCP11-1	Insert eNAMS for TOGA	1.3.1.7 The Company Outage Database means the database (currently known as <del>TOGA</del> eNAMS) used by The Company to record and monitor details of Outages of equipment forming part of the National Electricity Transmission System. (See also Appendix B – Outage Database)
STCP11-1	Insert eNAMS for TOGA	1.6.1 The Company shall build the Outage Plans to the NETS Security and Quality of Supply Standards. See also Appendix B– The Company Outage Database (known as <del>TOGA</del> eNAMS).
STCP11-1	Insert eNAMS for TOGA	4.2.6 Outages represented on all <del>TOGA</del> eNAMS reports must include both outages with a TO's network, and all outages within the boundary of influence for that TO.
STCP11-1	Insert eNAMS for TOGA	4.3.1 TOs may choose to receive relevant 4 week ahead rolling Outage information in written or electronic format in addition to, or instead of, direct access to the <del>TOGA</del> eNAMS database.
STCP11-1	Insert eNAMS for TOGA	4.3.2.3 The aim of these meetings shall include:- 4. Consideration of risks to the implementation of an Outage or associated with an Outage recorded in <del>TOGA</del> eNAMS. (See Appendix B – The Company Outage Database (known as <del>TOGA</del> eNAMS)).
STCP11-1	Insert eNAMS for TOGA	4.4.8.2 Outages represented on all <del>TOGA</del> eNAMS reports must include both outages within a TO network, and all outages within the boundary of influence for that TO.
STCP11-1	Insert eNAMS for TOGA	6.2.1 A boundary of influence circuit created for example for 'TO1' on assets owned by 'TO2' is not automatically created or linked in reverse for 'TO2' on assets owned by 'TO1 and so these also need to be created in the <del>TOGA</del> eNAMS database.
STCP11-1	Insert eNAMS for TOGA	6.5.2 The <del>TOGA</del> eNAMS database has been designed to allow the replacement of the current TO of an offshore network with a new TO.
STCP11-1	Insert eNAMS for TOGA	Appendix B The Company Outage Database (known as <del>TOGA</del> eNAMS – Transmission Outage And Generation Availability)
STCP11-1	Insert eNAMS for TOGA	<b>Description</b> All requirements for access to the Transmission System shall be recorded in The Company Outage database, ( <del>TOGA</del> eNAMS).
STCP11-1	Insert eNAMS for TOGA	<b>Creation of Entries</b> It is an in-built requirement of <del>TOGA</del> eNAMS that all potential circuit Outages are created from a Basic Data record.
STCP11-1	Insert eNAMS as an Abbreviation	<b>Abbreviations</b> <del>eNAMS</del> (currently the name for The Company Outage Database)

# Legal Text Changes for PM0138

SECTION	SUMMARY	CHANGES
STCP11-2	Insert eNAMS for TOGA	1.1.6 The Company shall use The Company Outage Database (currently known as <del>TOGA</del> eNAMS) to
STCP11-2	Remove TOGA reference	1.1.9 This procedure should be read in conjunction with STCP11-1 Outage Planning, <del>and the TOGA System Interface Specification, Issue 5.0 available on request.</del>
STCP11-2	Remove TOGA reference	<del>2.1.1 Additional Outage Data means data items listed in the TOGA system Interface Specification.</del>
STCP11-2	Insert eNAMS for TOGA	3.1.2 All new TOs will be able to access <del>TOGA</del> eNAMS via the current web browser interface:- <a href="https://portal.nationalgrideso.com/eNAMS/s/login/">https://portal.nationalgrideso.com/eNAMS/s/login/</a>
STCP11-2	Insert eNAMS for TOGA	3.1.4 The Company shall hold the master Basic Outage list in The Company Outage Database (known as <del>TOGA</del> eNAMS). Each new request for an Outage shall be based on a Basic Outage.
STCP11-2	Delete	3.1.5 For each Outage Request, The Company Outage Database shall contain: • <del>Additional Outage Data (as set out in the TOGA System Interface Specification).</del>
STCP11-2	new sentence for eNAMS	3.1.6 <del>Note: To deliver efficiencies in the TOs' year ahead plan build process, it is possible to "Bulk Upload" outages into eNAMS using an Excel CSV file. Details can be found in the "eNAMS BULK Uploads Guide" on the ESO's website; Details and formats of available fields for data transfers to/from The Company Outage Database are those listed in TOGA System Interface Specification, Issue 5.</del>
STCP11-2	Insert eNAMS for TOGA	3.1.11 The Company shall maintain an up to date The Company Outage Database ( <del>TOGA</del> eNAMS) user guide that shall be made available to each TO online.
STCP11-2	Delete	4.2.5 The TO shall provide requests for Outage changes in accordance with STCP 11-1: Outage Planning. <del>These shall include the Additional Outage Data detailed in the TOGA System Interface Specification Issue 5.</del>
STCP11-2	Insert eNAMS for TOGA	Appendix A Flow Diagram both page 1 and page 2 <del>Replace TOGA with eNAMS</del>
STCP11-2	Insert eNAMS for TOGA	Appendix B: Basic Outage and Basic Asset Data B.1 <del>TOGA</del> eNAMS Basic Outage Data
STCP11-2	Delete	The list of data stored against a Basic Outage record is shown below. <del>Refer to TOGA System Interface Specification, Issue 5.0 available on request.</del>
STCP11-2	Insert eNAMS for TOGA	B.2 <del>TOGA</del> eNAMS Basic Asset Data
STCP11-2	Insert eNAMS for TOGA	<b>Basic Asset Code</b> The basic asset code is used to identify unique assets within the <del>TOGA</del> eNAMS database. Each asset will require a unique code which is generated by The Company, with liaison with the TO if required.

# Legal Text Changes for PM0138

SECTION	SUMMARY	CHANGES
STCP11-2	Insert eNAMS for TOGA	<b>Description</b> A full and meaningful description of the asset being added/removed from the <del>TOGA</del> eNAMS database is required to ensure it can be identified and added/removed from Basic Outage Data
STCP11-2	Insert eNAMS for TOGA	<b>Commissioning Date</b> There is a requirement to ensure that the correct commissioning date is entered into <del>TOGA</del> eNAMS. This ensures that assets are added and removed from the database as and when required.
STCP11-2	Insert eNAMS for TOGA	<b>Decommissioning Date</b> Assets should have appropriate and correct decommissioning dates entered into the <del>TOGA</del> eNAMS database. This ensures that the asset remains on record, but is no longer in use.
STCP11-2	Insert eNAMS for TOGA	Appendix C: The Company Outage Database ( <del>TOGA</del> eNAMS) Codes C.1.1 Request Outage status codes (As used by SP,SHETL)
STCP11-2	Insert eNAMS for TOGA	<b>C.7 Party Codes</b> 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 The Company, TO or an external party. The following table lists these codes. Note all users of The Company Outage Database ( <del>TOGA</del> eNAMS) will have a party code assigned to them. (This list will be subject to update to include further external parties)
STCP11-2	Insert eNAMS for TOGA	<b>Appendix D: Change of Network Ownership</b> A history detailing the past and present ownership of assets will be retained in the <del>TOGA</del> eNAMS database. <del>TOGA</del> eNAMS will maintain the integrity of outage requests and reports etc. over any period of ownership change against the following criteria:
STCP11-2	Insert eNAMS for TOGA	<b>Appendix F: Capacity Declaration</b> The Capacity Declaration will be facilitated within <del>TOGA</del> eNAMS by creating a Planned Outage against the assets associated with a Basic Outage. The Company will create a capacity declaration on behalf of a DNO and The Company will create a capacity declaration on behalf of the Offshore TO.
STCP11-2	Insert eNAMS for TOGA	<b>Appendix G: Abbreviations and Definitions</b> <del>TOGA</del> eNAMS Electricity Network Access Management System

SECTION	SUMMARY	CHANGES
STCP19-3	Insert eNAMS for TOGA	A8: EXAMPLE UDFS STRUCTURE A.4 <del>TOGA</del> eNAMS Registration Details

## Next Steps PM0138

- The changes identified to STCP 08-2, STCP 11-1, STCP 11-2, STCP 19-3 deal effectively with the issue.
- The proposal and Legal Text are now being shared for review and approval by the March 2024 STC Panel
- Changes are not material
- **ESO recommends that the changes are approved in order to bring the STCPs in line with developments enacted in 2021 to replace TOGA with eNAMS as the ESO's outage planning tool.**



# PM0138 – the asks of Panel

- **AGREE** that the materiality of the STCP change
- **AGREE** the implementation next steps
- **NOTE** that Implementation Date will be 12 April 2024 if Panel agree to implement this change and Panel identify no material impacts



**PM0139 – STCP 19-6 Update: Updating submission dates for application fee charges.**

Cyrus Motashaw  
27 March 2024

# Next Steps PM0139

- STCP19-6 sets out dates for the submission of daily-charge out rates and fixed price application fees.
- The dates currently listed in the procedure do not reflect best practice agreed between relevant parties, which ensure fully cost reflective charges to be set.
- The proposal and Legal Text are now being shared for review and approval at the March 2024 STC Panel
- Changes are not material

# PM0139 – the asks of Panel

- **AGREE** that the materiality of the STCP change
- **AGREE** the implementation next steps
- **NOTE** that Implementation Date will be Friday 12 April 2024 if Panel agree to implement this change and Panel identify no material impacts



# Inflight Modification Updates

PM0126 - Transmission Impact Assessment  
process



# PM0126 – Update for Panel

- Discussions have taken place outside of the STC Panel meeting between the Proposer and SPT to address concerns raised.
- Once actions from the meeting have been addressed the Proposer will confirm implementation can proceed with the Chair.
- Members will confirm their approval for implementation via an email sent by the Chair.



# Workgroup Report

None



# Draft Final Modification Report

**CM094: Amendment to Bi-annual estimate provisions**

Sarah Carter (Panel Chair)

# Solutions and Workgroup Vote

## **Solution:**

- Where the Authority has approved the need for strategic Transmission Reinforcement Works via the price control framework, then Customers should no longer securitise for those specific works. Customers securities would only be released post the reinforcement needs case being approved by the Authority. Customers will continue to secure up to this point and will still be required to securitise against any connection assets, sole use works, any shared Enabling Works, as well as any wider work securities that are not approved by the Authority.

# Code Administrator Consultation Responses

## Summary of Code Administrator Consultation Responses :

- Code Administrator Consultation was run from 15 March 2024 to 20 March 2024 and received X non-confidential responses [and X confidential responses]. Key points were:
  - [General trends]
  - [Flag legal text issues]

**TO BE UPDATED ONCE CODE ADMINISTRATOR CONSULTATION HAS COMPLETED**



# CM094 Next Steps

Milestone	Date
Draft Final Modification Report presented to Panel	27 March 2024
Final Modification Report issued to Panel to check votes recorded correctly	27 March 2024 (2pm - 4pm)
Submission of Final Modification Report to Ofgem	27 March 2024 (by 5pm)
Ofgem decision date	ASAP
Implementation Date	ASAP



**Any Other Business**



## **Connections Reform Code Change Strategy**

# Connection Reform – Details

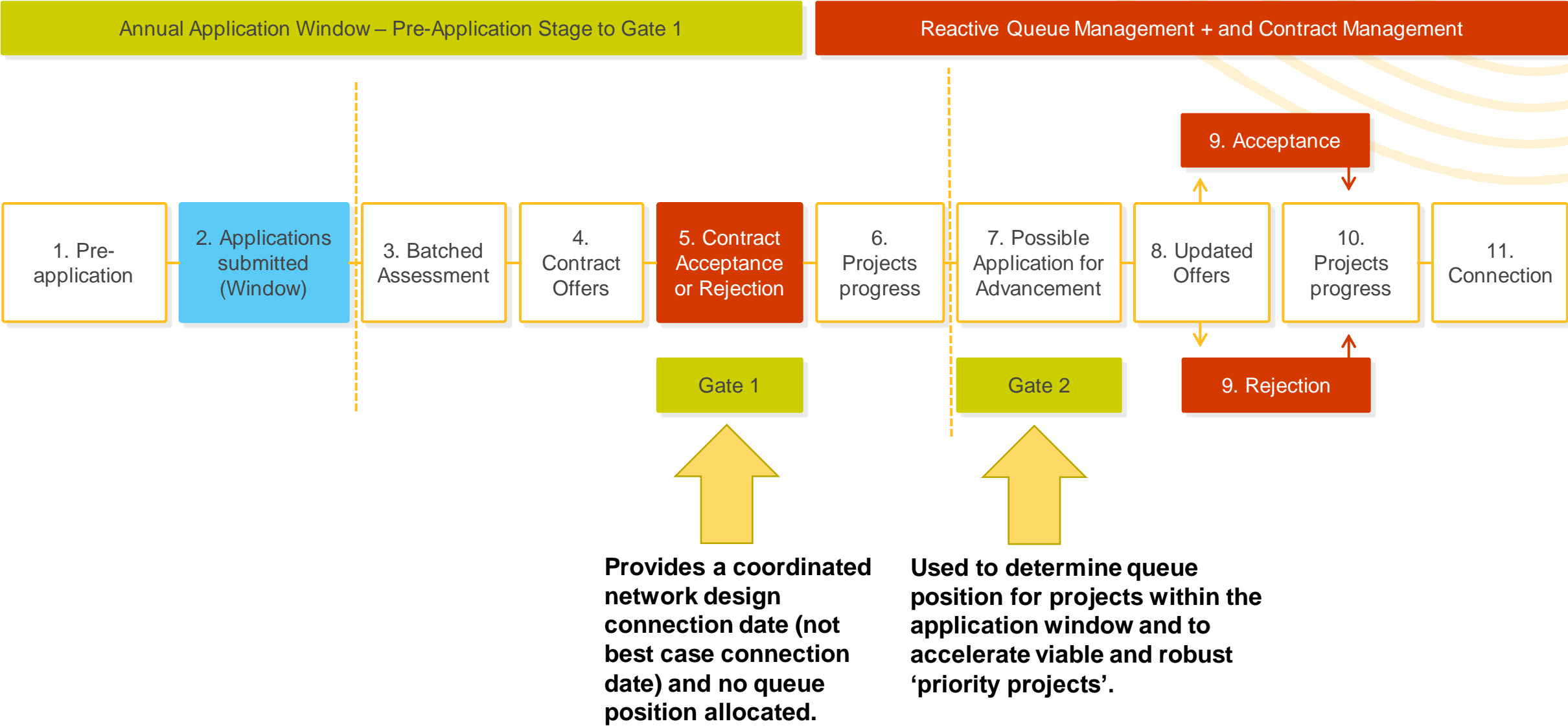
## Final Recommendations Include:

- Applicable to all **new generation, interconnection** and **demand** connection applications
- Application **windows** and two formal **gates**
  - Gate 1: connection location and connection date
  - Gate 2: accelerate 'priority projects'
- **Letter of Authority** entry Requirement
- Reserve **capacity for DNOs** - Not to hold up Embedded Generation within the agreed ranges.

## Customer and Consumer Benefits

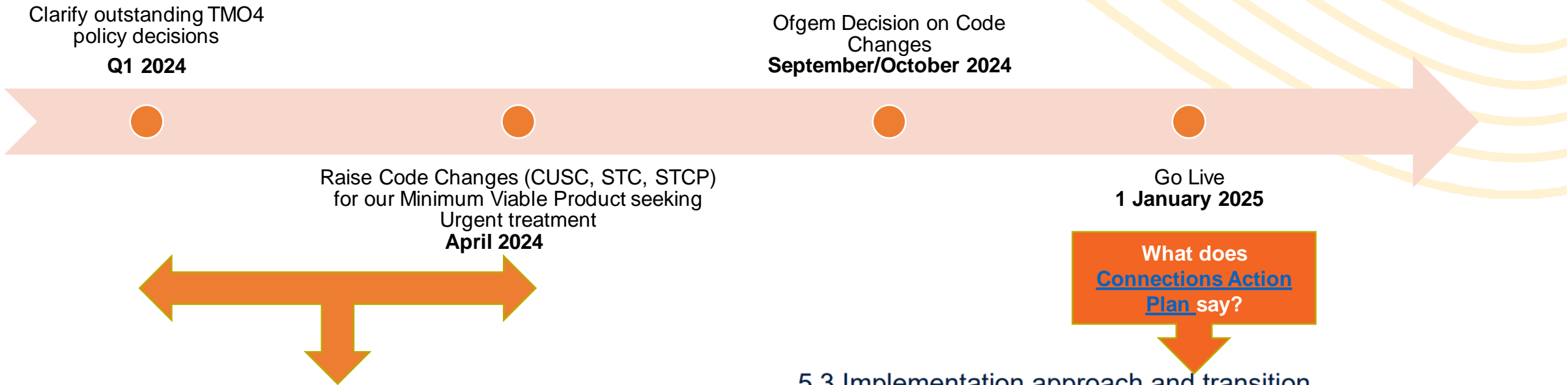
- Greatest opportunity for **earlier connection dates**, on a **first ready first connected** basis;
- More efficient and **coordinated future planning** of the network
- Supports ability to **build network** more efficiently in **anticipation** of need
- Better **facilitates competition**, innovation and introduction of **non-build solutions**; and
- **Future-proofed** - aligned with other programmes

# Reformed connections process overview





# Overall Timeline – where do the Code changes fit in?



Deliverable	Timing
Develop Modifications	Ongoing. ESO “virtual” team in place.
Socialise with industry (number of Mods, defects, proposed solutions and timings)	TCMF 29 February 2024 (and further update 4 April 2024)  Connections Process Advisory Group 7 March 2024 (already presented 25 January 2024)
Heads up to March 2024 Panels	GCRP 21 March 2024, CUSC 26 March 2024, STC 27 March 2024
Raise Modifications	From April 2024 (as seeking Urgency for some this could be anytime up to actual Panels)

## 5.3 Implementation approach and transition

*Desired Outcome: Connections reforms delivered with a high degree of confidence in quality, pace, ambition and coordination of reform delivery, ensuring greater and faster impact of connection reform in reducing connection times as well as lower system and/or connection costs.*

In selecting the most appropriate implementation approach for the Connections Action Plan, we were guided by a range of factors and principles. We want an implementation approach that ensures sufficient industry engagement and efficient and coordinated delivery of changes, taking into account the interests of all stakeholders, as well as wider strategic objectives related to achieving net zero goals and enabling reforms to be substantially delivered by 2025 to ensure energy security and investability across the network.

# Proposed Groupings/Sequencing

Modification	Number of Mods Raised and Codes Impacted	To be raised April 2024?	Urgent?
<b>Process and Policy</b> (including introducing Distribution Forecasted Transmission Capacity (DFTC), Pre-Application changes (if needed) and obligations to have and consult on a Connections Network Design Methodology)	4 (1 of each of CUSC, STC, STCPs and DCUSA). <i>Only 2 raised in April 2024 (1 of each of CUSC and STC. STCP changes can follow later)</i>  <i>Note that it may be prudent for STCPs to follow STC Urgency timetable although STCPs themselves do not receive Urgent status.</i>	Yes for CUSC and STC  No for STCPs (they can follow later)  No for DCUSA (consequential Modification that is more for transparency and completeness rather than absolutely needed – timing TBC but could even be after CUSC/STC/STCPs Process and Policy Modification approved)	Yes for CUSC and STC  No for STCPs and DCUSA
<b>User Commitment</b> (to amend to align with the new process, as above)	3 (1 of each of CUSC, STC, STCPs)	No – after CUSC/STC/STCPs Process and Policy Modification approved	TBC (we don't think we can raise until Process and Policy Modification approved so "Urgency" depends ff we have time)
<b>Letter of Authority (LoA) Phase 2</b> (current thinking on scope is assessing the feasibility and suitability of applying the LoA to Offshore Transmission Connection Applications. Interconnectors and Modification Applications, a process for duplication checks, changes to red line boundary, land requirements where multiple landowners, validity of LOA e.g. up to M3 Milestone)	1 (for CUSC). No STC or STCP changes needed.	TBC – after LOA Phase 1 approved	TBC – if and after LOA Phase 1 approved. Considering if this will need to be raised as Urgent.



## Proposed Groupings/Sequencing - Summary

8 Mods in total with only 2 (3 if LOA Phase 2 Mod needed) to be raised in April 2024

On Methodology, obligations to have and consult on to be included in Process and Policy Modifications but the content and any approvals of such Methodology to be covered outside Code Modification process.

Best case Workgroup structure is a cross code CUSC/STC Process and Policy one (with discussions of content of Connections Network Design Methodology and Distribution Forecasted Transmission Capacity outside Code Modification process).

We would need separate cross code Workgroups for User Commitment and Letter of Authority Phase 2.

# Process and Policy – Draft Modification Scope

## Defect

- Initial view is: **“The current codified connections process is not aligned with the ESO’s proposals for a reformed connections process”**

## In Scope

- Introducing the concept of an annual application window and two formal gates, which are known as Gate 1 and Gate 2 (i.e. the primary process).
  - The frequency and duration of the application window will be 12 months.
- Clarifying what/who goes through the primary process and what/who goes through the secondary processes (e.g. contract novations).
  - New Directly Connected Generation, New Directly Connected Demand, New Interconnectors (and Offshore Hybrid Assets), Relevant Embedded Generation (i.e. between the agreed thresholds), **[Relevant Embedded Demand]** and any Significant Modification Applications in relation to such projects.
- Changing the offer and acceptance timescales to align with the primary process timescales (e.g. a move away from three months for licenced offers).
- Introducing the provision of a co-ordinated network design connection date (and no queue position allocation) at Gate 1.
- Introducing queue position allocation and the potential for (and means of) connection date advancement (via a new advancement application) at Gate 2.
- Setting out the definition of a Priority Project (i.e. projects which have met the Gate 2 criteria) and the general arrangements for Priority Projects.
  - The general arrangements being in relation to the right milestone(s) for Target Model Add-On (TMA) F3 (projects that are ready(ier) to connect) and the relationship between TMA F1 (Projects that have official designation by Government), TMA F2 (projects that demonstrate significant additional consumer, net zero and/or wider economic and societal benefits) and TMA F3.
- Setting out the circumstances in which a project can simultaneously pass Gate 1 and Gate 2.
- Introducing the concept of a Connections Network Design Methodology (i.e. to set out how co-ordinated network design will be undertaken for those applying to connect within an application window and for any connections related anticipatory investment) and the related obligations to publish, keep up-to-date, consult, etc.
- Introducing the concept of Distribution Forecasted Transmission Capacity (DFTC) to replace the Statement of Works and Confirmation of Project Progression processes for projects which can utilise DFTC i.e. to allow DNOs to request firm capacity on an anticipatory basis for such projects.
  - If required, clarifying how embedded generation projects which can utilise DFTC but also choose to have a Bilateral Embedded Generator Agreement (BEGA) can obtain their BEGA.
- [If possible, a fast-track dispute process in respect of ‘clock start’ and the achievement of the Gate 2 criteria]**
- [If required, the potential process deviation in respect of strategic demand applications]**
- [If required, the potential process deviation in respect of option to reserve capacity for The Crown Estate and/or Crown Estate Scotland]**
  - [This includes the ability for the ESO to reject offshore wind applications where such capacity has been reserved in anticipation of future leasing rounds]**

*\*To be confirmed whether or not the areas highlighted in red text are in scope*



## Activities ahead of the next Panel Meeting

**Grid Code Development Forum**

03 April 2024

**Modification Proposals to be submitted**

09 April 2024

**Papers Day**

16 April 2024

**Panel Meeting**

24 April 2024  
Teams

# Close



**Sarah Carter**  
STC Panel Chair