

STC Panel

Wednesday 24 June 2026

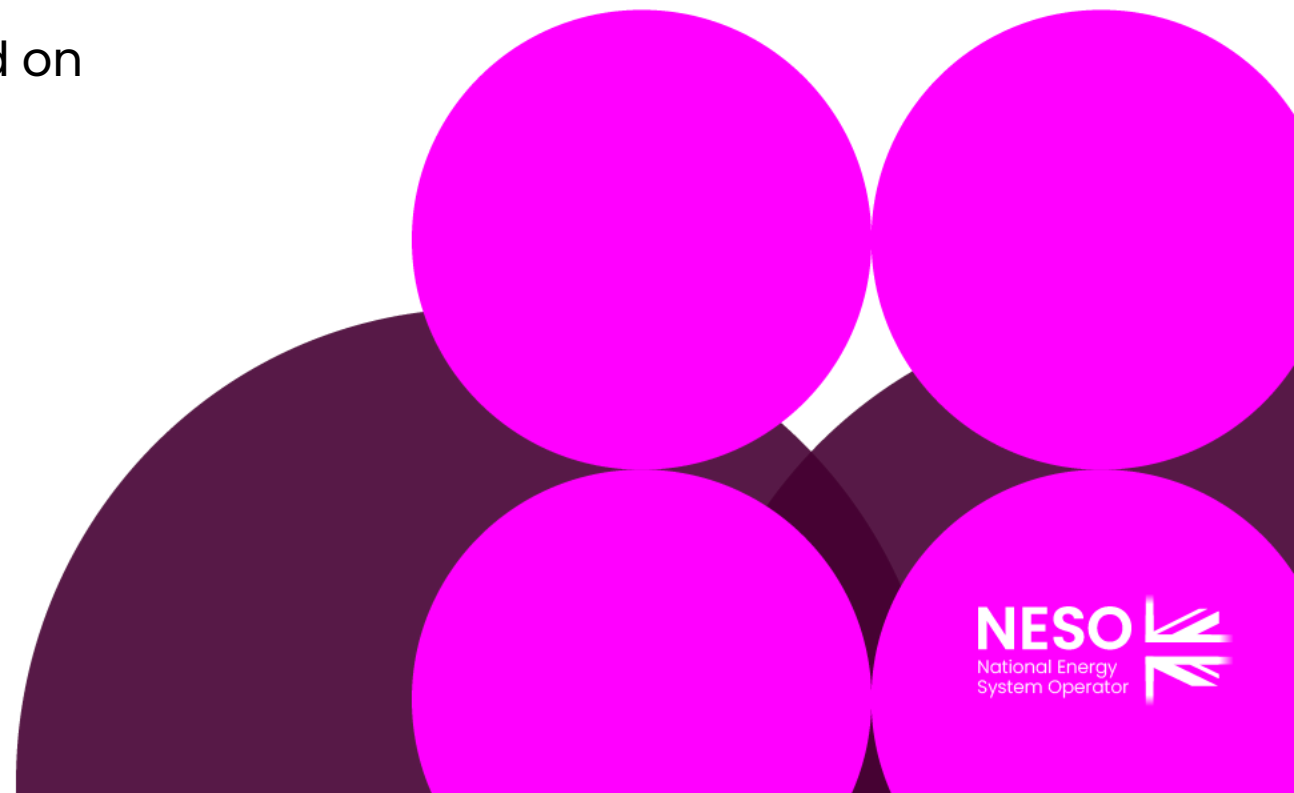
Online Meeting via Teams

Public

WELCOME

Approval of Panel Minutes

Approval of Panel Minutes from the meeting held on
20 May 2026.



Actions Log

- Actions to review

Actions

Action number	Panel raised	Action	Owner	Comments	Due by	Status
07	May 2026	Panel members to review the live STC mods against the new SDS prioritisation framework, considering; alignment with the STS, importance, complexity, and whether each should be treated as standard or high priority.	All	20.05.2026 Prioritisation framework sent to Panel to consider alignment with the STS. To be discussed at next Panel Meeting	June 2026	Open

Chair's Update

- Horizon Scan

STC Panel Horizon Scanning

Expected Panel	Mod reference	Title	Proposer	Company	Type	Governance Route	Associated Mods	Description
Jun-26	PM0147	STCP 12-2 Issue 001 RMS and EMT Model Sharing Process	Frank Kasebante	NESO	STCP	NA	CM097	April Panel – Agreed material. Ofgem to approve – Panel to provide recommendation vote at June Panel
Jun-26	TBC	TNoUS Processes	Amanda Rooney	NESO	STC	TBC	N/A	June Panel
Sept- 26	PM0157	Meter Polarity	Tom Goss	Neso	STCP	STCP		Mod to be raised following withdrawal of STC mod in March Panel (agreed that no STC change, only STCP) April Panel April Panel – Agreed material Delayed due to possible changes to legal text. To return to panel Sept.
TBC	TBC	Dynamic Line Rating	Stuart McLarnon	NESO	STCP	STCP	None	STCP 4-4 will be looked at to make sure that upcoming Dynamic Line Rating changes are compatible with STCP
TBC	PM0155	GC0139 related modifications	Stuart McLarnon	NESO	Not yet known	TBC	GC0139 related	STCP relating to CM0106 (raised in March) to come to future Panel (PM0155 is dependant on CM0106 so it cannot progress until CM0106 starts)
TBC	TBC	Final sums	Olivia Tomlinson	NESO	STCP	STCP	Connections reform mods	STCP18-8 modification, to account for delays to TO invoicing. Ongoing
TBC	TBC	Further connections reform mods	Not yet known	NESO	Not yet known	TBC	Not yet known	We are confirming the forward programme of work, and will keep STC Panel updated on future mods.
TBC	TBC	ESRS	Tony Johnson	NESO	STC	TBC	GC0156	consequential STC Mod to GC0156, raised in Feb 26. Discussed in March Panel
TBC	TBC	Update to the SBN Template	Folasade Adenola	NESO	STCP			STCP 18 -1 Update to the SBN Template to facilitate efficient communication with TOs (ongoing work taking place with TOs)

Authority Decisions

- Authority Decisions
- Updates

Authority Decisions and Updates as of 16 June 2026

Authority Decisions:

There have been no Authority decisions since the May 2026 STC Panel.

Updates:

There are have been no Authority updates since the May 2026 STC Panel.

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

[Energy codes | Ofgem](#)

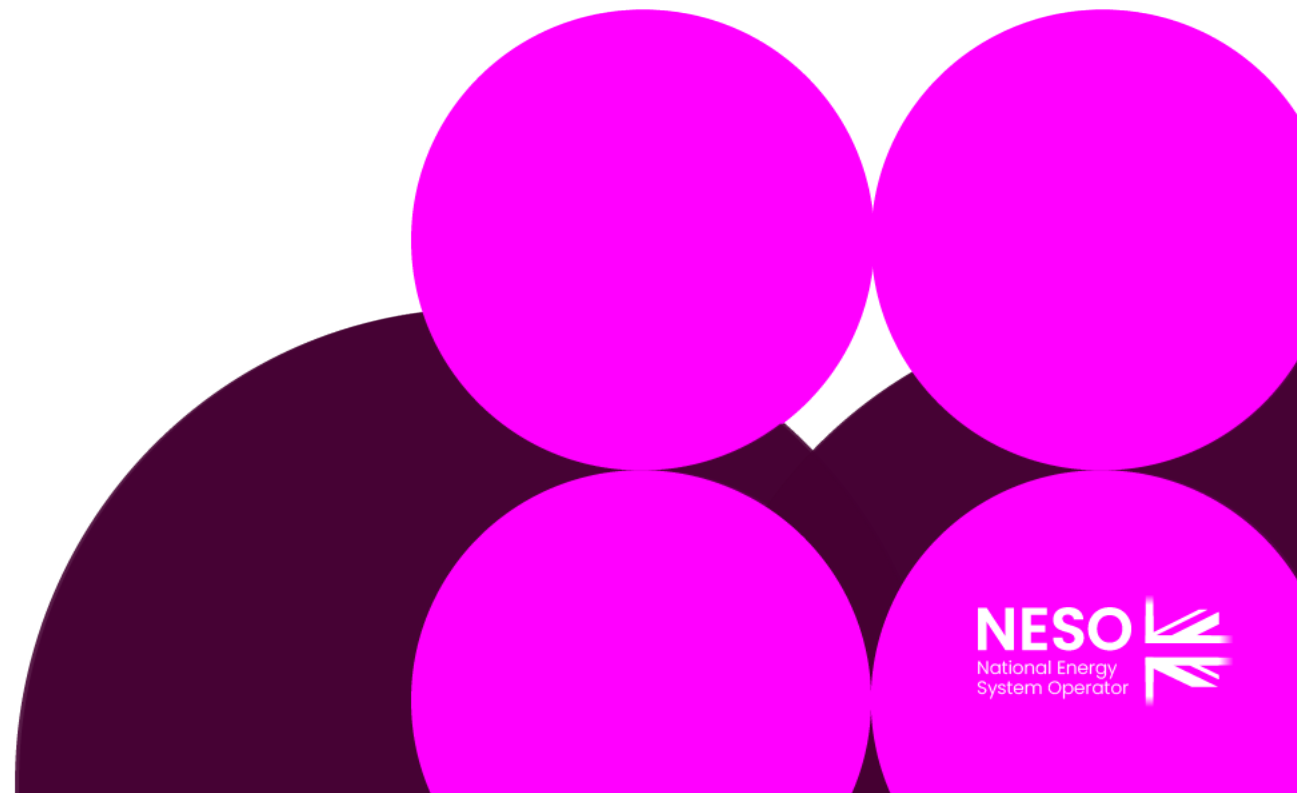
Draft STC/STCP Modifications

- PM0159: Impacts from CMP471

New STC Procedure

PM0159: Impacts from CMP471

Richard Woodward



Critical Friend Feedback: CMP471

Code Administrator comments	Amendments made by the Proposer
<ul style="list-style-type: none">• Incorrect Form used.• Text inconsistencies.• Proposer's assessment against the STCP change requirements.• Please complete the 'What is the impact of change?'• Provide context as to why there are no Positive impact on the STC objectives	<i>To be updated</i>

PM0159 Proposed Timeline (aligning with CMP471)

CMP471 Milestone	CMP471 Date	PM0159 Milestone	PM0159 Date	CMP471 Milestone	CMP471 Date	PM0159 Milestone	PM0159 Date
Modification presented to Panel	15 May 2026			Code Administrator Consultation (10 Business Days)	10 July – 24 July 2026		
Workgroup Nominations	15 May 2026 – 19 May 2026			Draft Final Modification Report (DFMR) issued to Panel (2 Business Days)	28 July 2026	Present at STC panel for recommendation vote	29 July 2026
(Full Day Meetings) Workgroup 1 Workgroup 2 Workgroup 3	11 June 2026 15 June 2026 17 June 2026			Panel undertake DFMR recommendation vote	31 July 2026		
Workgroup Consultation	19 June – 25 June	Present PM0159 to STC Panel to agree materiality.	24 June 2026	Final Modification Report issued to Panel to check votes recorded correctly	03 August 2026		
(Full Day Meetings) Workgroup 5 Workgroup 6	30 June 2026 02 July 2026	Proposer to email Ofgem to confirm approval route (Ofgem or Panel)		Final Modification Report issued to Ofgem	03 August 2026	Send to Ofgem	03 August 2026
Workgroup report issued to Panel	07 July 2026	Proposer to develop legal text		Ofgem decision	TBC		
Panel sign off that Workgroup Report has met its Terms of Reference	10 July 2026 (Special Panel)			Implementation Date	TBC		

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 1st 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.

PM0159– Asks of Panel

- **AGREE** the materiality of the STCP change
- **AGREE** the implementation next steps
- **NOTE** that Implementation Date will be in line with CMP471 if Panel agree to implement this change and Panel identify no material impacts

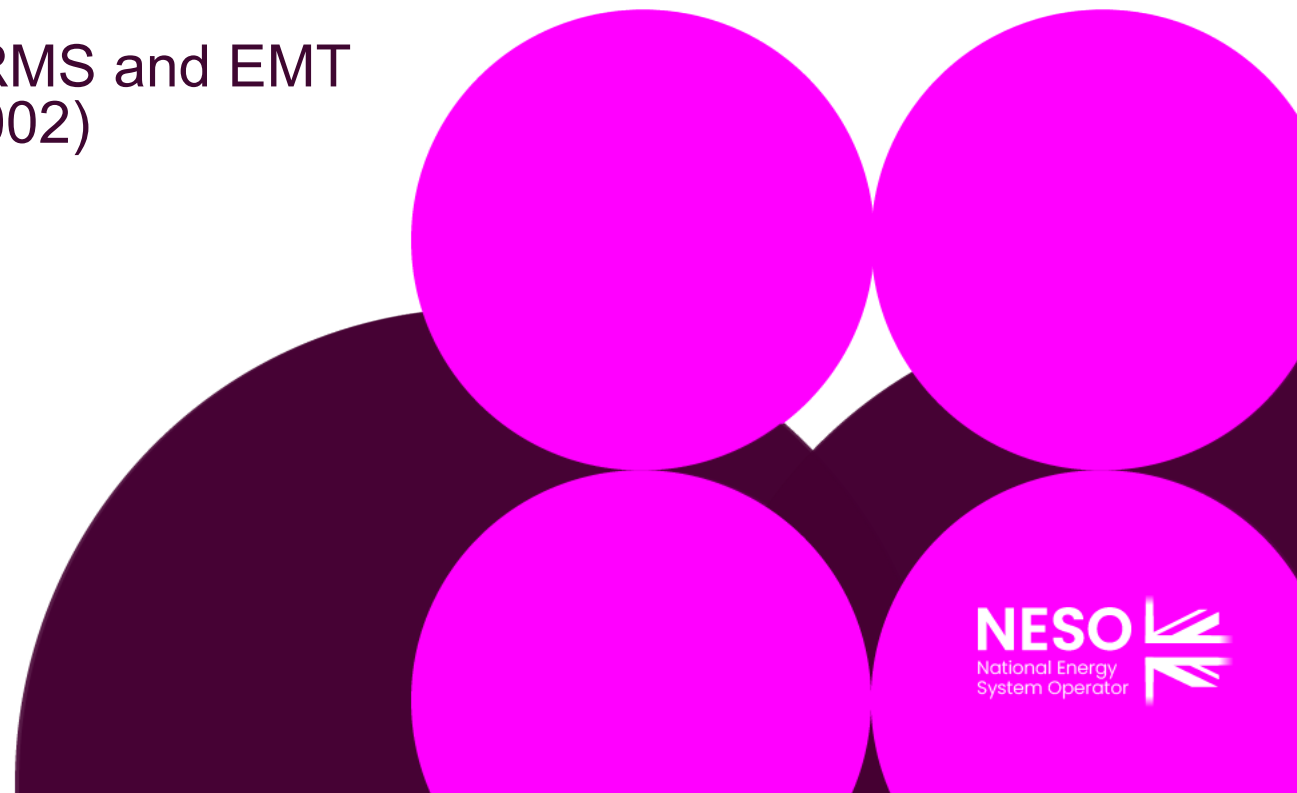
New Modifications

- PM0147: Modification process & timetable RMS and EMT Model Sharing Process (STCP 12-2 Issue 002)
- PM0158: Changes to TNUoS Timings Protocol

New STC Procedure

PM0147: Modification process & timetable RMS and EMT
Model Sharing Process (STCP 12-2 Issue 002)

Frank Kasibante



PM0147 Critical Friend Feedback

Code Administrator comments	Amendments made by the Proposer
<ul style="list-style-type: none">• Modification process and timeline timetable updated.• Minor typographical and formatting issues corrected.	<ul style="list-style-type: none">• Proposer accepted all amendments made by the Code Administrator

PM0147

New STC Procedure STCP12-2 – Root Mean Square (RMS) and Electromagnetic Transient (EMT) Model Sharing Process

2nd Submission

Frank Kasibante

29 April 2026

The Issue

1. As Great Britain's power system moves towards net zero carbon operation; the network is transitioning from large synchronous Generators to a large number of smaller Inverter Based Resources (IBR).
2. These are causing new and varying challenges to the power system.
3. There are currently no requirements in the System Owner Transmission Owner Code (STC) for Transmission Owners (TOs) to submit EMT and RMS models of their assets to NESO and for the NESO to share these models with relevant Users.
4. This restricts the ability for NESO to perform system studies, modelling and post fault analysis.
5. NESO requires RMS and EMT models from TOs so that it can analyse and understand how these interactions affect the network under different system conditions.

Proposed Solution

Introduction of a new STC Procedure (STCP 12-2) which specifies;

1. The exchange of models (RMS and EMT) together with associated documentation between The Company and relevant TOs.
2. The process for NESO to consult with relevant TOs in their exchange of RMS and EMT models.
3. The process for NESO, where necessary, to share the relevant TO's RMS and EMT models with relevant Users connecting to their Transmission Systems.

Brief Summary of the Change – Materiality Assessment

STCP 12-2	Brief Summary	Materiality
	Coordination between NESO and relevant Transmission Owners, and operational activities regarding model submission, sharing, verification and validation.	Yes
	Process for retrospective submission, model testing, model maintenance, and development of legacy Plant models.	Yes

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- 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.

PM0147 – Asks of Panel

On 29 April 2026 Panel agreed that this modification had material impact.

Ofgem have confirmed that they wish to give final approval.

AGREE that this Modification should proceed to the Authority for final approval.

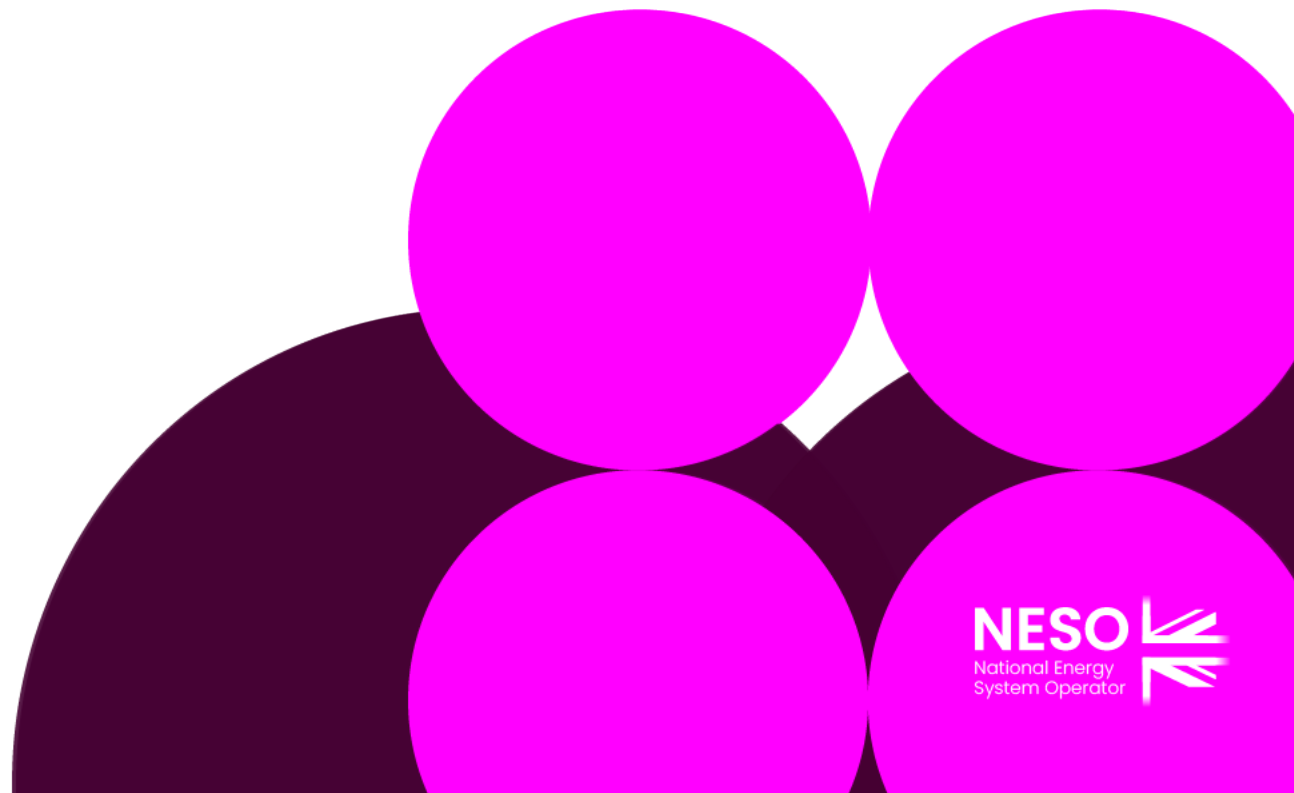
AGREE the implementation next steps

NOTE that Implementation Date will be in line with the current timeline for CM097

New STC Procedure

PM0158: Changes to TNUoS Timings
Protocol

Amanda Rooney



PM0158: Critical Friend Feedback

Code Administrator comments	Amendments made by the Proposer
<ul style="list-style-type: none">• Timeline – STCP mods are normally implemented 10 days post Approval – Confirm correct for this modification.• Page 1 – Impact now selected• All text must be in Poppins• Proposer to be confirmed• Comments are still visible in the document• Do not need to include legal text in the Proposal – this should be in an Annex with tracked changes• Acronyms to be updated	<p>Proposer accepted all amendments made by the Code Administrator</p>

STC

Panel: PM0158

**Changes to TNUoS timings
Protocols**

Summary of Change Proposals

Offshore TOs

1. Timing of Submission

Offshore and Onshore TOs

1. Frequency of Submissions
2. Forecast Date Range
3. Use of Substitute Data

Onshore TOs

1. Sensitivities
2. Increased Engagement with Industry

Timing of OFTO Submission

Background

- STCP24-1 submission deadline for Final Y+1 revenues is the 25 January (or next Business Day).

Issue

- The late deadline for submission (latest being 27 January) increases time pressure for Final Tariffs and increases the risk of error due to last minute changes to the inputs.

Proposal

- Update STCP24-1 and STCP 14-1 to amend the submission deadline dependent on the price index required

for the 2023 Transmission Network Use of System (TNUS) tariff setting process.

3.4.2 The Company shall be entitled to request, and each TO is required to provide, the forecast revenue data and narrative by e-mail according to the timetable below and in accordance with paragraph 3.1.1 of STCP13-1 and paragraph 3.4 of STCP14-1. Where dates shown do not fall on a Business Day, the action shall be completed by the next Business Day.

Date By	5 th Business Day in August	5 th Business Day in October	12 th November	30 th November	7 th January	14 th January	25 th January	31 st January
Action	The Company send data request to onshore TOs	TOs submit a forecast of revenue for FY+1, FY+2, FY+3, FY+4, FY+5 FY+6	The Company share draft tariffs for Y+1 with onshore TOs	The Company publish draft tariffs for FY+1	Onshore TOs confirm final revenue for FY+1, and updated forecast for FY+2, FY+3, FY+4, FY+5 FY+6	The Company shares indicative final tariffs with onshore TOs	Offshore TOs confirm final revenue for FY+1 and updated forecast for FY+2, FY+3, FY+4, FY+5 FY+6	The Company publishes FY+1 final tariffs

Frequency of Submissions

Background

- We receive revenue submissions twice a year, in line with STCP24-1.

Issue

- Industry have requested more frequent updates of the 5YV of revenue.

Proposal

- Amend STCP24-1 to include provision that additional forecast can be requested with 60 days notice.

3.4.2 The Company shall be entitled to request, and each TO is required to provide, the forecast revenue data and narrative by e-mail according to the timetable below and in accordance with paragraph 3.1.1 of STCP13-1 and paragraph 3.4 of STCP14-1. Where dates shown do not fall on a Business Day, the action shall be completed by the next Business Day.

Date By	5 th Business Day in August	5 th Business Day in October	12 th November	30 th November	7 th January	14 th January	25 th January	31 st January
Action	The Company send data request to onshore TOs	TOs submit a forecast of revenue for FY+1, FY+2, FY+3, FY+4, FY+5 FY+6	The Company share draft tariffs for Y+1 with onshore TOs	The Company publish draft tariffs for FY+1	Onshore TOs confirm final revenue for FY+1, and updated forecast for FY+2, FY+3, FY+4, FY+5 FY+6	The Company shares indicative final tariffs with onshore TOs	Offshore TOs confirm final revenue for FY+1 and updated forecast for FY+2, FY+3, FY+4, FY+5 FY+6	The Company publishes FY+1 final tariffs

Forecast Date Range

Background

- STCP24-1 requires submission of revenue forecasts for the Financial Year Y+1 and following Five Financial Years from Y+2 onwards.

Issue

- Industry request longer-term projections of TNUoS Tariffs for Financial Modelling, however forecasts beyond FY + 6 are beyond the scope of STCP24-1.

Proposal

- Amend STCP24-1 to include provision that longer-term projections can be requested with 60-day notice period.
- Different submission templates for 5 year and longer-term projection for varying levels of granularity.

3.2 Forecast Revenue Information Provision

- 3.2.1 As part of the GB Transmission quarterly forecast of total revenues, it is necessary for all the TOs in GB to provide The Company with certain detailed information in order to enable the publication of the forecast revenue for all TOs.
- 3.2.2 The data required for the forecast are the values of the specific Licence Terms for each TO and are to be provided utilising the template, Appendix B.
- 3.2.3 Each TO will separately forecast their revenue for Financial Year Y+1, and each of the following five Financial Years from Financial Year Y+2 onwards (i.e. Y+2, Y+3, Y+4, Y+5 and Y+6) on a nominal price basis (money of the day).
- 3.2.4 The Company will, as part of its published quarterly forecast report, provide a view of inflation.
- 3.2.5 All financial values will be supplied to the nearest £100k.
- 3.2.6 A narrative for the forecast figures will be provided by each TO.
- 3.2.7 Each TO will provide contact details with respect to answering any query with regards to their data.
- 3.2.8 The Company shall provide all necessary assistance in response to any reasonable query from the TOs regarding the publication of the data.
- 3.2.9 Each TO shall provide all necessary assistance in response to any reasonable query from The Company regarding the data submitted by that TO.

3.3 Forecast Revenue & TNUoS Tariff Publication

- 3.3.1 The Company will use reasonable endeavours to collate and publish the forecast TNUoS revenues and tariffs on The Company website according to the timetable that is published by The Company by 31st January each year. The forecasts include initial, updated, draft and final TNUoS revenues and tariffs for the Y+1 and a five year view for Y+2 onwards i.e. Y+2, Y+3, Y+4, Y+5 and Y+6.
- 3.3.2 The forecast revenue information specific to each TO will be separately detailed within the report and will include the narrative on changes provided by the TO.
- 3.3.3 The Company will produce a forecast revenue summary split by Transmission Owner for existing TOs.
- 3.3.4 The Company shall, where possible, provide a forecast of future revenues for potential future TOs within the report.

Substitute Data

Background

- STCP24-1 only allows the use of substitute data in the case where no data has been received from the TOs for TNUoS Tariffs.

Issue

- In instances where alternative data would provide an improved “Best View” for use in TNUoS Tariff forecasts, NESO is currently unable to use an alternative source without TO agreement or through an STCP derogation.
- Example; RIIO-ET3 Draft Determinations vs January 2025 Revenue Submissions.

Proposal

- Amend STCP24-1 to allow NESO to use alternative data source if deemed necessary to provide best view for industry.

STCP24-1

4 Use of Substitute Data

- 4.1.1 Where a TO forecast has not been updated under this or other STC procedures then The Company may use the most recent forecast provided adjusted for movements in actual and forecast inflation. Therefore The Company initial and updated publications (in accordance with 3.3.1) will be based on the TO's January forecast pursuant to this procedure. The Draft TNUoS tariffs published by The Company will be based on the TOs' October forecast pursuant to this procedure. The final publication of TNUoS tariffs by The Company will be based on a combination of the final TO forecast pursuant to this procedure and more up to date information available pursuant to other STC Procedures.
- 4.1.2 Where no data is provided by a TO, The Company shall use, for the purposes of GB forecast revenue, substitute data. The Company shall indicate, within the published report, that no data has been received and that substitute data has been used and how that data has been derived.

STCP 14-1

4 Use of Substitute Data

- 4.1.1 Where no data is provided by the TO or the data is subject to dispute, The Company shall use, for the purposes of calculating the transmission charges to apply to its customers, the data that it believes to be the most accurate until The Company is satisfied with the data provided or any dispute has been resolved.
- 4.1.2 For the avoidance of doubt, the use of substitute data as referred to in paragraph 4.1.1 will not affect the invoicing of The Company by the TO for the purposes defined in STCP 13-1.
- 4.1.3 Where The Company has used substitute data, The Company shall notify the relevant TO(s).
- 4.1.4 If applicable, once any dispute has been resolved, charges shall be revised on the basis of the appropriate data.

Sensitivities

Background

- STCP24-1 requires submission of a single revenue forecast for the years ahead.
- We get frequent questions from industry regarding the potential changes in revenue between tariff publications.

Issue

- Historically there have been some large changes between forecasts in the lead up to final tariffs.
- By providing a low/central/high case to industry, this gives an early warning of the magnitude of potential change if there are uncertainties that may impact future tariffs.

Proposal

- Amend STCP24-1 to request the provision of a low and high sensitivity forecast for allowed revenues, to provide industry with a view of any potential future changes.

Engagement with Industry

Background

- Frequent feedback from industry indicates a need for additional information on drivers and assumptions in allowed revenue forecasts and other changes.

Issue

- Increasingly receiving requests for deeper information relating to onshore revenues and TO attendance at NESO Tariff webinars, similar to Distribution Network Provision of Cost Information meetings.

Proposal

- Recommend similar set up to DCUSA, requesting oral commentary to be provided to understand data presented, and any changes since the last tables were prepared.

35A. PROVISION OF COST INFORMATION

- 35.A.1 This Clause 35A shall only apply where the Company is a DNO Party.
- 35.A.2 By the fifth Working Day of May, August, November and February in each year, the Company shall complete a copy of table 1 in Schedule 15 and send the completed table to the Secretariat.
- 35.A.3 By the fifth Working Day of May, August, November and February in each year, the Company shall complete a copy of table 2 in Schedule 15 and send the completed table to the Secretariat.
- 35.A.4 By the fifth Working Day of May, August, November and February in each year, the Company shall complete a copy of table 3 in Schedule 15 and send the completed table to the Secretariat.
- 35.A.5 On each occasion that the Company sends a completed table to the Secretariat pursuant to Clause 35A.2, the Company shall also send an accompanying written commentary to assist in the understanding of the data presented within the table (including an explanation of the reasons behind any changes made to estimates since the last such table was prepared).
- 35.A.6 The Secretariat shall, within three Working Days of receiving each table and commentary provided pursuant to this Clause 35A, publish such table and commentary on the Website.
- 35.A.7 The Company shall ensure that, within 20 Working Days of sending a table 2 to the Secretariat in accordance with Clause 35A.3, a meeting is convened (which may be held by telephone conference) to which all Supplier Parties and IDNO Parties are invited. At such meeting, the Company shall provide an oral commentary to assist those attending to understand the data presented within the most recently submitted tables 1, 2 and 3 (including an explanation of the reasons behind any changes made to estimates since the last such tables were prepared). The Company shall ensure that the Supplier Parties and the IDNO Parties attending the meeting are given the opportunity to ask questions regarding the tables, and the Company shall use reasonable endeavours to provide a response to those questions.

<https://document.dcusa.co.uk/dcusa-document/142/584205?view=search&search=provision+of+cost+information>

STCP Governance

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When considering the proposed changes to the STCPs, the 1st 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.

PM0158 Asks of Panel

- **AGREE** the materiality of the STCP change
- **AGREE** the implementation next steps
- **NOTE** that Implementation Date will be 10 days post approval.

Inflight Modification Updates

- None

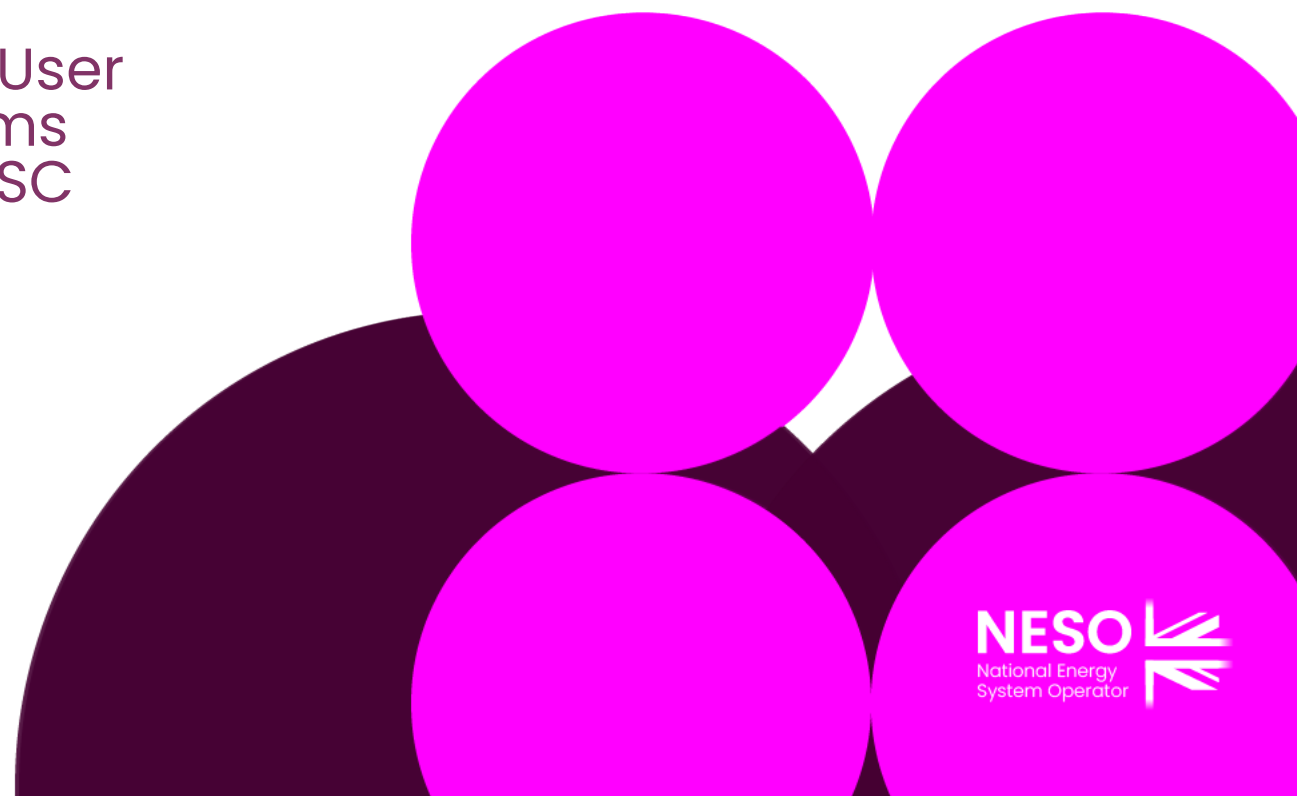
Draft Final Modification Reports

- CM093: Extending the principles of the User Commitment Methodology to Final Sums methodology as a consequence of CUSC Modification – CMP417
- CM097: EMT and RMS Model Submission for Tos

Draft Final Modification Report

CM093: Extending the principles of the User Commitment Methodology to Final Sums methodology as a consequence of CUSC Modification – CMP417

Robert Hughes



Solution

Solution/summary of solution:

This modification seeks to deliver the required changes to the STC as a consequence of [CMP417](#), which proposes to extend some of the principles of Connection and Use of System Code (CUSC) Section 15 User Commitment Methodology (UCM) to Users on Final Sums methodology.

The modification aims to clarify Customer responsibilities regarding works in the Transmission Owner Construction Offer/Agreement (TOCO/A) and implement reducing factors for Customer liabilities, ensuring all Users benefit from the Strategic Investment Factor (SIF) and Local Asset Reuse Factor (LARF).

Code Administrator Consultation Responses

Summary of Code Administrator Consultation Responses:

Code Administrator Consultation was run from 05 May 2026 to 27 May 2026 and received 2 non-confidential responses and 0 confidential responses. Key points were:

- Both respondents believed that the CM093 Original Proposal better facilitates STC Applicable Objectives d and f. Both supported the implementation approach
- One respondent caveated support for implementation on the provision that the Authority delivers a decision by 30 October 2026.
- One respondent emphasised the importance of keeping the CMP417 timeline synchronised with the Gate 2 process, especially regarding data preparation and submission deadlines, to avoid delays and ensure smooth implementation.
- One respondent highlighted the need to ensure alignment with CUSC definitions (such as “Attributable Works”), avoid unintended divergence between STC drafting and CUSC constructs, and ensure clarity for demand and hybrid site treatment.
- No legal text issues identified

CM093 Asks of Panel

- **VOTE** whether or not to recommend implementation
- **NOTE** next steps
 - Send FMR (if agreed) to the Authority for decision
 - Recommend alignment with decision date with CMP417
 - Recommend decision by end of September 2026, in line with the above

CM093 Next Steps

Milestone	Date
Final Modification Report issued to Panel to check votes recorded correctly (5 Business Days)	02 July 2025
Submission of Final Modification Report to Ofgem	09 July 2025
Ofgem decision date (request by)	30 September 2026
Implementation Date	10 Business Days after Authority Decision

Draft Final Modification Report

CM097: EMT and RMS Model Submission for TOs

Teri Puddefoot

Solution

Summary of solution:

- This modification seeks to require Transmission Owners (TOs) to provide National Energy System Operator (NESO) with Root Mean Square (RMS) and Electromagnetic Transient (EMT) models to enable analysis of issues such as system oscillations, inverter instability and Transient over Voltage (ToV) on the National Electricity Transmission System (NETS).

Code Administrator Consultation Responses

Summary of Code Administrator Consultation Responses:

Code Administrator Consultation was run from 5 May 2026 to 27 May 2026 and received 2 non-confidential responses [and 0 confidential responses].

- Both respondents supported the implementation approach. One respondent explained how the proposal mandates the collection of EMT and RMS models from TOs, while other modifications (GC0168 and PM0147) will facilitate the implementation, including the introduction of a new STCP (12-2) setting out the procedures to ensure that The Company and relevant TOs remain fully coordinated in managing and exchanging RMS and EMT models.
- One respondent stated that accurate models are essential to improving overall modelling capability, which they considered would support greater system optimisation, enhance system security, and reduce costs for consumers.
- No legal text issues identified.

CM097 Asks of Panel

- **VOTE** whether or not to recommend implementation
- **NOTE** next steps

CM097 Next Steps

Milestone	Date
Final Modification Report issued to Panel to check votes recorded correctly (5 Business Days)	01 July 2026 – 8 July 2026
Submission of Final Modification Report to Ofgem	16 July 2026
Ofgem decision date	TBC
Implementation Date	10 Business Days after Authority Decision

Updates on other industry codes

19 May 2026 Grid Code Review [Panel Papers and Headline Report](#)

20 May 2026 STC [Panel Papers and Headline Report](#)

22 May 2026 CUSC [Panel Papers and Headline Report](#)

27 May 2026 SQSS [Panel Papers and Headline Report](#)

Any Other Business

- Prioritisation

Activities ahead of the next STC Panel Meeting

Modification Proposal Deadline for July STC Panel	14 July 2026
Papers Day	21 July 2026
STC Panel Meeting	29 July 2026

Close

Teri Puddefoot
Chair, STC Panel