

Public

GC0181 – Enhance the Effectiveness of System Incidents Reporting

Workgroup Number 7 – 22 June 2026

Online Meeting via Teams

WELCOME

Agenda

Topics to be discussed	Lead
Welcome	Chair
Proposer update <ul style="list-style-type: none">- PMU Information from OTF- Freedom of Information Request Responses	Proposer
Actions	Chair
Legal Text Review	Chair/Proposer
Terms of Reference	Chair
Timeline and objectives	Chair
AOB	Chair
Next steps	Chair

Expectations of a Workgroup Member

Contribute to the discussion

Be respectful of each other's opinions

Language and Conduct to be consistent with the values of equality and diversity

Do not share commercially sensitive information

Be prepared – Review Papers and Reports ahead of meetings

Complete actions in a timely manner

Keep to agreed scope

Email communications to/cc'ing the .box email

Your Roles

Help refine/develop the solution(s)

Bring forward alternatives as early as possible

Vote on whether or not to proceed with requests for Alternatives

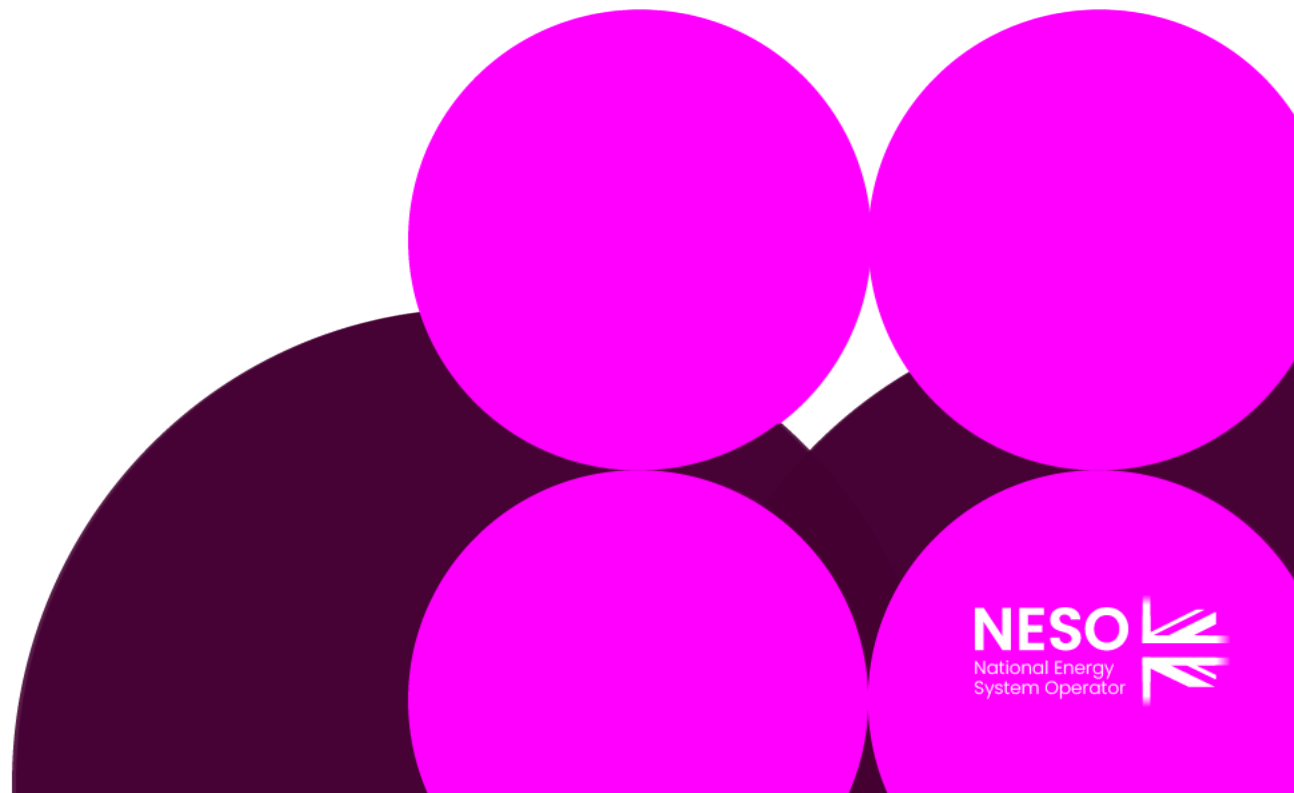
Vote on whether the solution(s) better facilitate the Code Objectives

Workgroup Membership

Role	Name	Alternate	Company
Proposer	Guy Nicholson		Stakraft
Workgroup Member	Andrew Urquhart	Garth Graham	SSE
Workgroup Member	Gareth Williams		SPT - on behalf of STC Panel
Workgroup Member	Mathew Chandy	Matthew Ball	EDF Energy
Workgroup Member	Tim Ellingham	Andrew Allan	RWE
Workgroup Member	Stuart McLarnon	Frank Kasibante	NESO
Authority Representative	Alice Suri	Kevin Johnstone	Ofgem

Proposer update

Guy Nicholson – Statkraft



PMU information from OTF

Q: (24/04/2026) Can NESO please state how many PMUs you actually have had access to, for each month in 2025 and Q1 2026 and how many PMUs you are forecasting/planning you will have access to for Q2, Q3 and Q4 in 2026?

A:

No of PMUs	Q1 2025	Q2 2025	Q3 2025	Q4 2025	Q1 2026 (Now)	Q2 2026 (Projected)	Q3 2026 (Projected)	Q4 2026 (Projected)
SSE	6	6	6	6	6	6	57	57
SP	15	15	15	15	15	15	110	110
NGET	26	65	77	80	86	107	120	131

A: For SSE and SP, NESO has offline access to 110 Phasor Measurement Unit (PMUs) for SP and 57 for SSE, we currently do not live stream all data and are selective due to the volume. We have had offline access to NGET (PMUs) prior to Q1 2025. NGET installed and configured their Phasor Data Concentrators (PDC's) end of Q1 2025 giving NESO online access to the number of PMUs as shown above

Q: (27/04/2026) At the OTF on 10 December 2025, slide 45, NESO stated that there are "currently 73 PMUs in service". Can NESO please confirm for how long (e.g. years, months, days) they hold the data collected by PMUs in a data historian or other storage medium?

A: We currently hold PMU data for a few days but have access from the TO's if we need to look further in the past. We have an Archive project underway which will hold the PMU data for years. On top of this the TO's also hold the PMU data which we are able to request as required.

Freedom of Information Request Responses

Please see two responses provided in Workgroup Meeting Papers

Comments shared by Proposer:

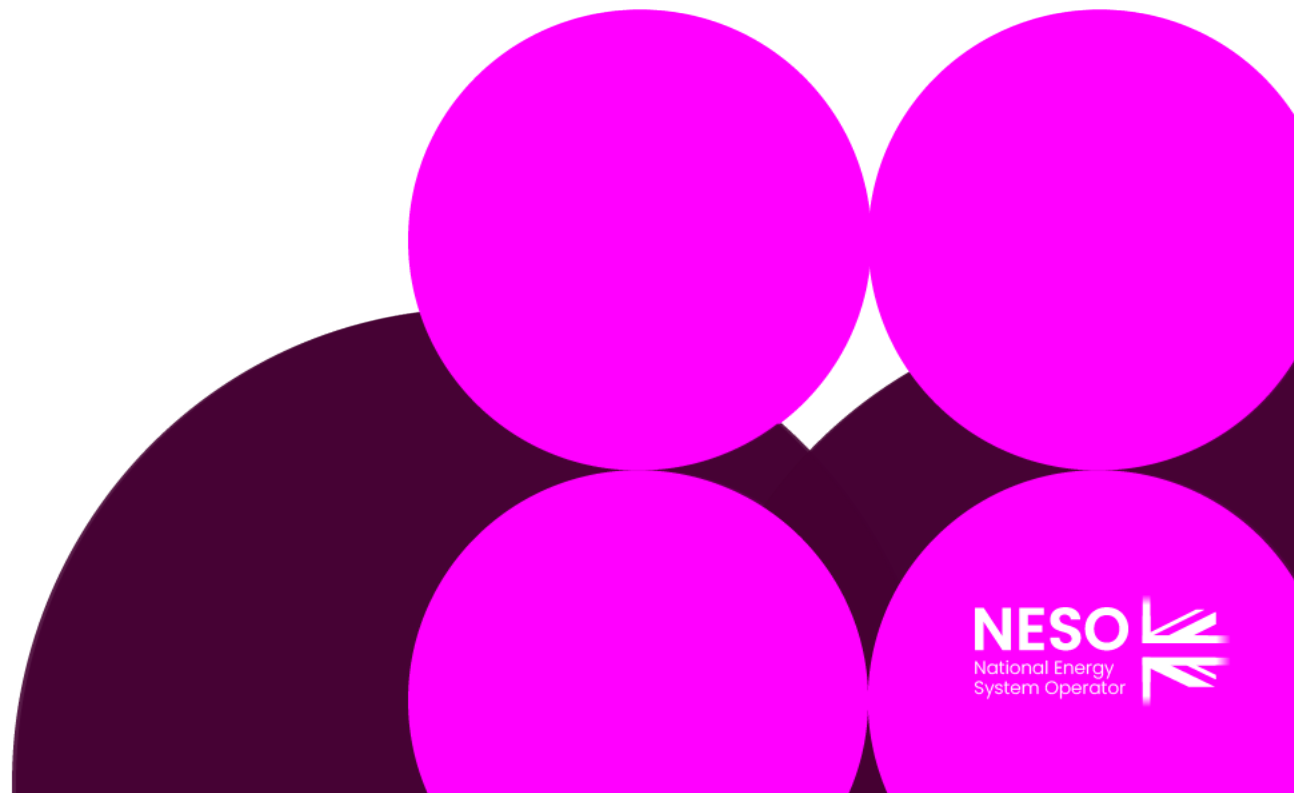
I enclose for sharing with the WG public copies of a FOI regarding two trips on 17/11/2025 at 06:19:35. This demonstrates that the current reporting is not fit for purpose as it has not identified these two trips as co-incident. Despite the claim that these events are unconnected, the probability of such an event (IFA tripping with a transmission fault) is about once in 6,000 years.

NESO state:

- a. "For the IFA trip, the most accurate time available to NESO is 17/11/2025 06:19:35.
- b. For the double circuit fault on the Coventry-Ratcliffe-on-Soar / Drakelow-Ratcliffe-on-Soar circuit, the most representative time is 17/11/2025 06:19:35."

Actions

Chair – NESO Code Administrator



GC0181 Actions

Action Number	Workgroup Raised	Owner	Action	Status	Date due by
31	WG4	FK/JSC	Define the degree or extent of the phase jump angle that qualifies as a significant event for inclusion in the legal text.	Open	WG5
34	WG5	FK	Review and update references to PMU standards in relevant documents, ensuring alignment with the latest IEEE 2018 standard and STCP 2701 Appendix B, and recommend any necessary changes.	Open	
35	WG5	FK	Align GC0181 data requirements with STCP 2701 Appendix B and clarify if a modification to the STC is needed to codify information exchange from TOs to NESO and NESO out.	Open	
36	WG5	FK/JSC	Map current and planned PMU locations to restoration regions and provide a clear visual representation, including coverage of HVDC links and bootstraps, to ensure comprehensive system monitoring.	Open	

GC0181 Actions

Action Number	Workgroup Raised	Owner	Action	Status	Date due by
38	WG5	FK	Contact EU TSOs to obtain information on any planned improvements to frequency data reporting and update the work group on future enhancements.	Open	
39	WG5	JSC	Confirm whether the OTF question regarding the correlation between double circuit faults and HVDC trips was addressed in today's OTF and share the findings with the Work group.	Open	
40	WG5	FK	Share the NESO edited legal text with the Proposer for review	Open	
41	WG5	AL	Provide written guidance on phase jump angle reporting, including a proposed significance threshold (12°) and supporting rationale to inform legal text	Open	

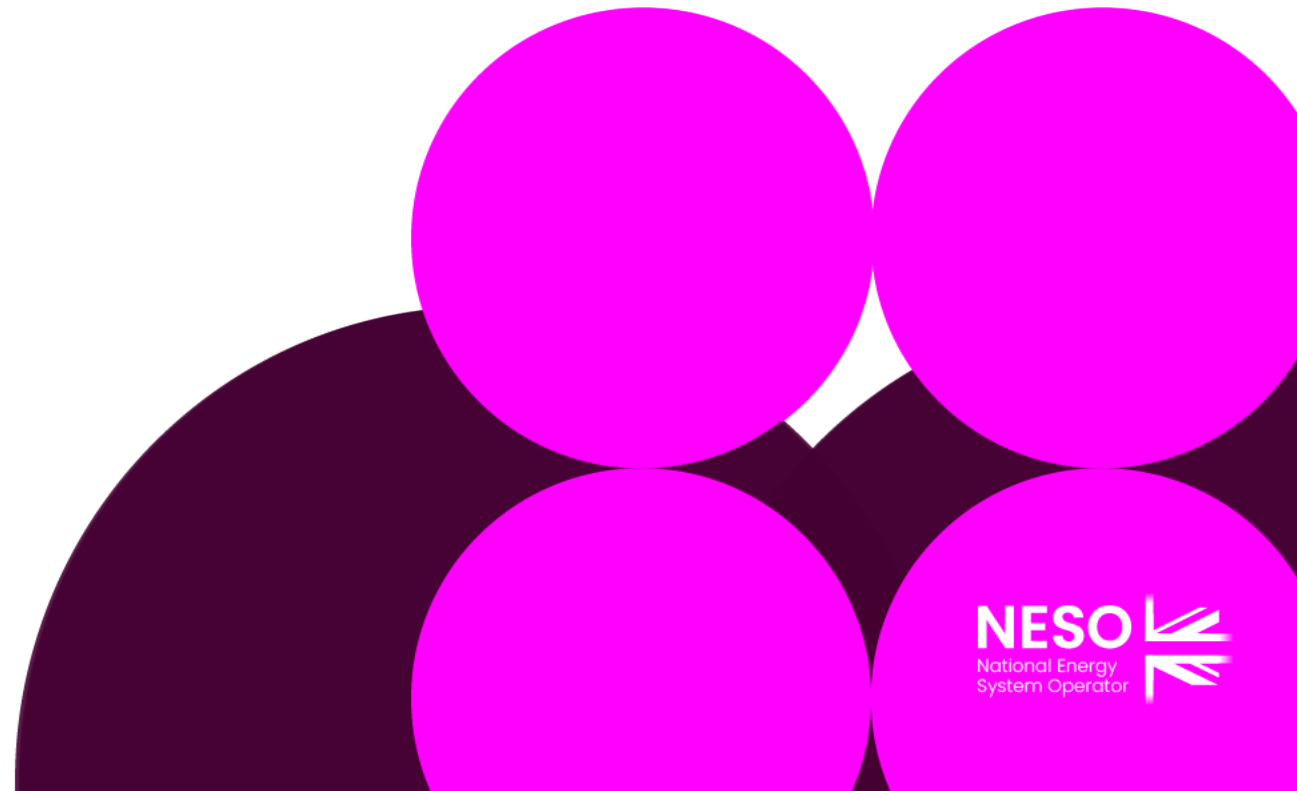
GC0181 Actions

Action Number	Workgroup Raised	Owner	Action	Status	Date due by
42	WG6	SMc	Review precedent for asset renaming in GC0139	Open	WG7
43	WG6	SMc	Review terminology for online data portals and system restoration regions	Open	WG7
44	WG6	SMC	Investigate existing standards for asset referencing	Open	WG7
46	WG6	GN	Refine legal text	Open	WG7
47	WG6	SMc	Explore feasibility of defining “auto-reclosure	Open	WG7
48	WG6	GN	Propose “exceptional event” flexibility in timelines	Open	WG7
49	WG6	GN	Define the specific data requirements and reporting activities proposed under GC0181, in order to enable Transmission Owners to assess the cost and resource implications of implementing the proposal	Queried by GN	WG7

Legal Text Review

Chair – NESO Code Administrator

Guy Nicholson – Statkraft



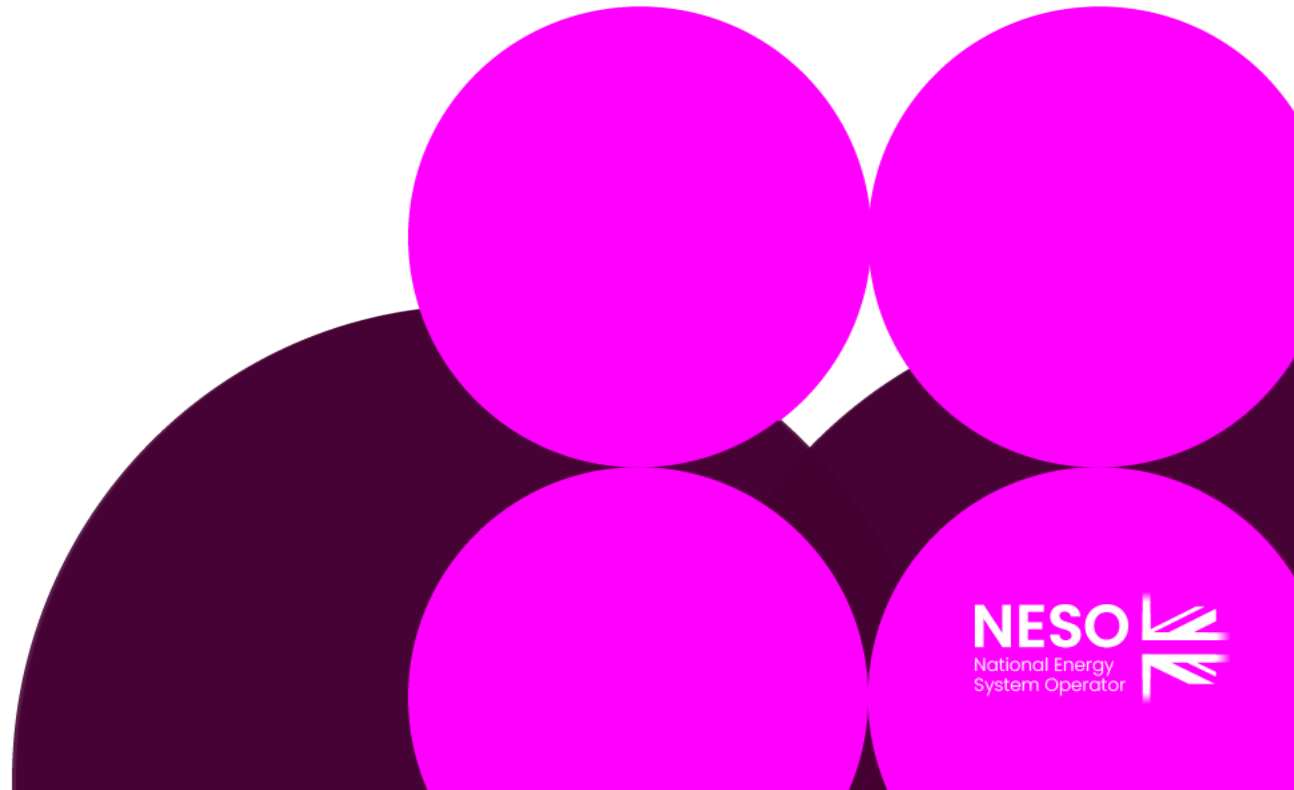
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Legal Text Review

Review Legal Text V004

Terms of Reference

Chair – NESO Code Administrator

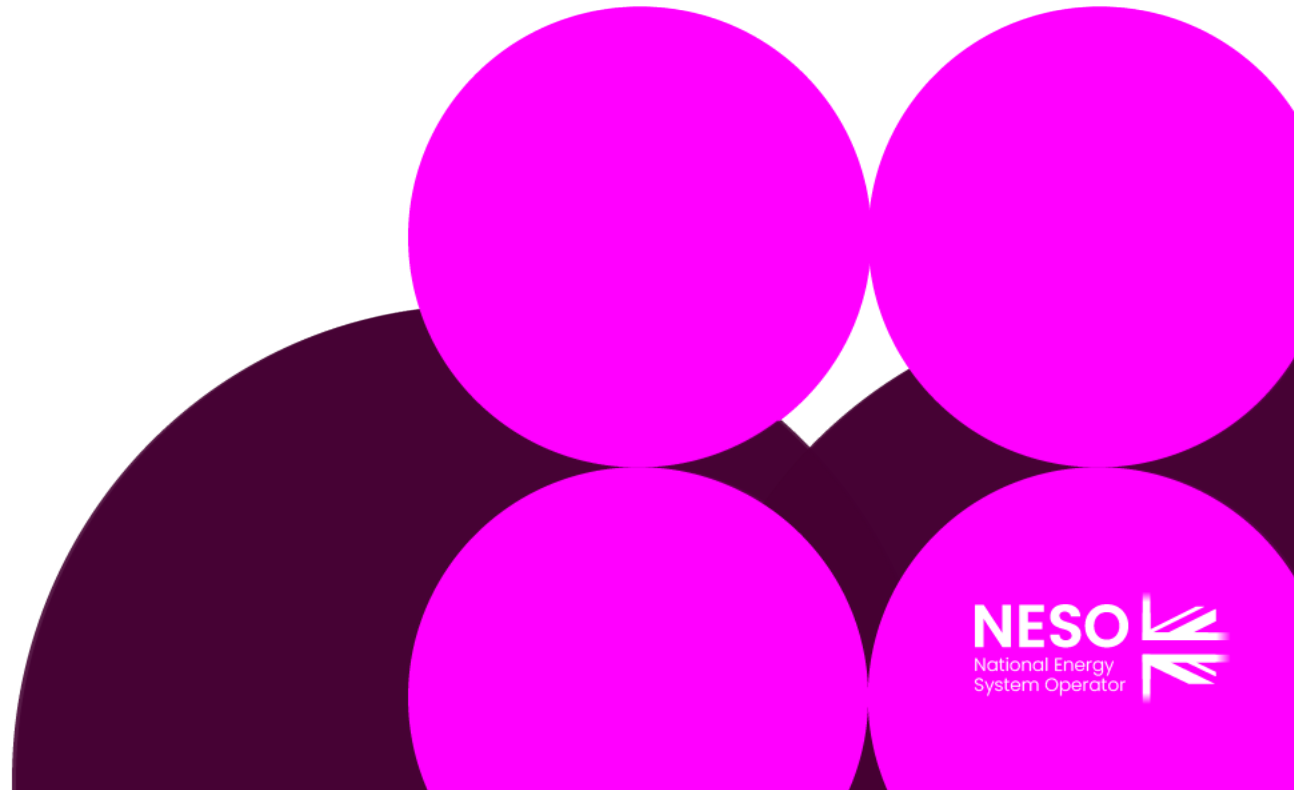


Terms of Reference

Terms of Reference
a) Implementation and costs;
b) Review draft legal text should it have been provided. If legal text is not submitted within the Grid Code Modification Proposal the Workgroup should be instructed to assist in the developing of the legal text;
c) Consider whether any further Industry experts or stakeholders should be invited to participate within the Workgroup to ensure that all potentially affected stakeholders have the opportunity to be represented in the Workgroup. Demonstrate what has been done to cover this clearly in the report; and
d) Consider implications to sections linked to the Regulated Sections of the Grid Code
e) Assess and form a view whether there are material effects or not from the modification and provide a view to the Panel on whether the Governance Route should change
f) Consider the recommendations of Ofgem's data best practice guidance and energy data taskforce.
g) Consider the current granularity of frequency data and duration post event for publishing and evaluate options for change. This should include a review of existing available data and consideration of costs and impacts on Grid Code parties.
h) Consider cross code impacts of the modification, particularly on the STC
i) Consider relevant Electrical Standards as necessary, including but not limited to TS.3.24.70 and TS.3.24.95.

Timeline and Objectives

Chair – NESO Code Administrator



CM0181 Objectives and Previous Timeline

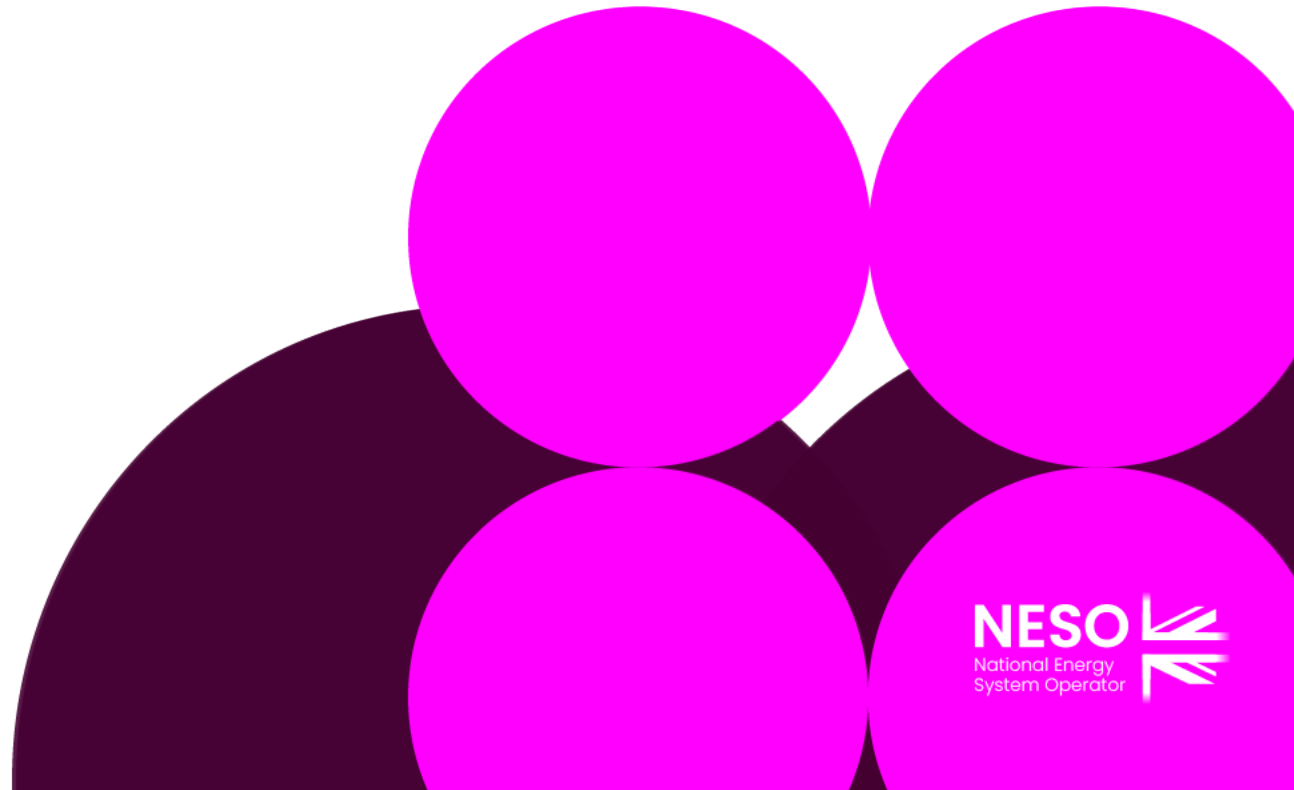
Timeline	Workgroups	Objectives
Workgroup 5	25 March 2026	Review actions and legal text
Workgroup 6	05 May 2026	Review Workgroup Consultation and legal text
Workgroup 7	28 May 2026	Approve Workgroup Consultation and legal text
Workgroup Consultation	05 June 2026 to 26 June 2026	
Workgroup 8	14 July 2026	Review Consultation feedback and legal text
Workgroup 9	11 August 2026	Finalise Report
Workgroup 10	01 September 2026	Agree ToR met /Workgroup Vote
Workgroup Report to Panel	16 September 2026	Panel sign off ToR
Post Workgroups		
Code Administrator Consultation	01 October 2026 to 02 November 2026	
Draft Final Modification to Panel	18 November 2026	
Final Modification to Ofgem	26 November 2026	
Implementation Date	10 Business Days after Authority Decision	

CM0181 Objectives and Timeline as 22/6/2026

Timeline	Workgroups	Objectives
Workgroup 5	25 March 2026	Review actions and legal text
Workgroup 6	05 May 2026	Review Workgroup Consultation and legal text
Workgroup 7	22 June 2026	
Workgroup 8	14 July 2026	
Workgroup 9	10 August 2026	Approve Workgroup Consultation and legal text
Workgroup Consultation	05 June 2026 to 26 June 2026	
Workgroup 10	TBC	Review Consultation feedback and legal text
Workgroup 11	TBC	Finalise Report
Workgroup 12	01 September 2026	Agree ToR met /Workgroup Vote
Workgroup Report to Panel	16 September 2026	Panel sign off ToR
Post Workgroups		
Code Administrator Consultation	01 October 2026 to 02 November 2026	
Draft Final Modification to Panel	18 November 2026	
Final Modification to Ofgem	26 November 2026	
Implementation Date	10 Business Days after Authority Decision	

Any Other Business

Chair – NESO Code Administrator



Next Steps

Chair – NESO Code Administrator

