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Code Administrator Meeting

Summary

Workgroup Meeting 7: GC0182 Standardisation of Power Flow Metering Polarity

Date: 07 July 2026

Contact Details

Chair: Prisca Evans, Prisca.evans@neso.energy

Proposer: Thomas Goss, Thomasgoss2@neso.energy

Key areas of discussion

The agenda presented by the Chair included review of the timeline, a walkthrough of the Workgroup Consultation with comment resolution, Electrical Standards Update, and Terms of Reference.

Actions

All previous actions were closed before going to Workgroup consultation and new actions raised during this meeting are below in the table.

Timeline

The Workgroup discussed the timeline which focused on aligning the progression of GC0182 and the related STC modifications so that the electrical standard and code changes could be implemented consistently across industry. HG outlined the intended sequence, including Workgroup review, Panel approvals, and eventual submission to Ofgem, with the aim of achieving coordinated implementation.

The Workgroup noted that the Electrical Standard follows a separate governance route from the code modifications, so careful coordination is needed to ensure the final standard is agreed before the associated code changes are submitted. This is intended to avoid inconsistencies between the standard and the legal text.

The Chair highlighted that the meeting schedule may affect the overall timeline, as only nine of the ten planned meetings are currently scheduled. The Workgroup agreed that any changes to meeting dates or sequencing will need to be monitored closely to identify potential knock-on impacts on the modification timetable and related dependencies.

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Workgroup Consultation Review

The consultation response review confirmed that only two responses had been formally recorded, although a further response from Northern Power Grid may have been missed. The Workgroup agreed this needed to be investigated to confirm whether it was submitted within the consultation window and should be considered as part of the Workgroup review.

Workgroup discussions confirmed that the modification does not need to prescribe whether customers or external parties resolve the issue through a software change or wiring change. The key requirement is that NESO receives correct meter polarity data that complies with the relevant standard. To address the Workgroup's concern on the false impression where non-binding guidance note has legal status, NESO Representatives stated no direct link to the guidance note was embedded in the BCA templates and that explicit statements have already been incorporated in the BCA templates and guidance note to indicate the guidance note is not enforceable. It was also proposed to update the wording in the Guidance Note and BCA templates in case of GC0182 rejection to avoid false impression. No substantive objection or further question was raised when this was presented, so this remains the current working position.

The Workgroup agreed that the missing Northern Power Grid response should be reviewed at the next meeting, supported by a dedicated slide pack. Any new or material points raised through that response will be considered before the Workgroup finalises its position. An action point was taken on this to investigate the missing response from Northern Powergrid.

Electrical Standards Update

The electrical standards discussion focused on ensuring that metering polarity requirements are captured in the correct formal standards rather than being treated as informal guidance. The Workgroup recognised that industry parties need clarity on which requirements are mandatory and enforceable, and which material is advisory, particularly where guidance notes may be referenced in connection agreements or related templates.

There was concern that referencing guidance notes too directly could create confusion or imply that non-binding guidance has legal status. To manage this, the proposed approach is to update relevant templates, including the BCA template, so they signpost parties to the NESO website rather than embedding direct references that could be misinterpreted as enforceable obligations.

The Workgroup also discussed the need to keep the electrical standard aligned with the related code modifications, including GC0182 and associated STC changes. Progress on related STCP

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work has been paused where necessary to ensure the wording and requirements remain consistent across modifications before moving forward.

Legal Text

The legal text discussion focused on whether the draft wording clearly places an obligation on NESO to validate and check metering polarity as part of the relevant compliance process. The Proposer presented the current draft and explained that it is intended to apply to new projects and to sites where meters are installed, upgraded, or replaced after the implementation date.

The NESO Representative advised that the ONCC checklist will be updated to reflect the new requirements, so operational metering points are explicitly checked for polarity during compliance assessment. This is intended to make the requirement clearer within existing processes rather than creating a separate standalone obligation.

Two Workgroup members recommended a review of the legal text to confirm its effect on some regulated sections of the Grid Code, particularly Appendix B. The Proposer and the NESO Representative agreed to review this further to ensure there are no unintended conflicts or impacts. The Chair agreed to circulate the latest draft legal text ahead of the next meeting for Workgroup members to review and prepare any questions or suggested amendments.

AOB

STCP modification PMO157: TG advised that progress has been paused to ensure the Electrical Standard remains aligned with the related modification work, particularly where wording and technical detail need to be consistent across the different governance routes.

The Workgroup noted that the pause is intended to avoid progressing changes that could later conflict with the final agreed position on the Electrical Standard. Once the wording and associated requirements are confirmed, the STCP modification can be progressed again with greater confidence that it remains consistent with GC0182 and the wider standards approach.

Next Steps

To close out the outstanding review points ahead of the next workgroup meeting

Actions

For the full action log, click [here](#).

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Action Number	Workgroup Raised	Owner	Action	Due by	Status
46	WG 7	PE/KSH	Investigate the missing Northern Power Grid consultation response, confirm whether it was received within the consultation window, and ensure it is reviewed at the next workgroup meeting if valid.	WG8	Open
			A further check will be carried out to confirm whether this was the only response missed.		
47	WG7	PE	To prepare and include a slide pack for the next meeting covering the Northern Power Grid Response and any new points it raises.	WG8	Open
48	WG7	TG/HG	To clarify whether the proposed legal text has any impact on regulated sections of the Grid Code, including Appendix B, and confirm that there are no unintended conflicts.	WG 8	Open
49	WG7	PE	To circulate the latest draft legal text with the papers for the next meeting so members can review and prepare any questions and or comments	WG8	Open
50	WG7	PP	To investigate the appropriate approach and permissions for contacting affected parties about metering polarity issues, including how to communicate relevant	WG8	Open

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guidance and potential impacts.

Name	Initial	Company	Role
Prisca Evans	PE	NESO	Chair
Kayte Stanton-Hughes	KSH	NESO	Technical Secretary
Thomas Goss	TG	NESO	Proposer
Andrew Hood	AH	NGED	Workgroup member
Andrew Urquhart	AU	SSE Generation	Workgroup member
Graeme Vincent	GV	SP Transmission	Workgroup member
Hao Guo	HG	NESO	NESO Representative
Pritesh Patel	PP	NESO	NESO Representative
Paul Youngman	PY	DRAX	Workgroup member
Roger Carter	RC	Transmission Investment	Workgroup member
Tim Ellingham	TE	RWE	Workgroup member