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Code Administrator Meeting

Summary

Workgroup Meeting 13: GSR029 'Review of Demand Connection Criteria to Align with EREC P2/7'

Date: 16/07/25

Contact Details

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

Proposer: Bieshoy Awad, Bieshoy.Awad@neso.energy

Key areas of discussion

The Chair introduced the new Code Administrator points of contact for GSR029, including the Technical Secretary. The Chair outlined the meeting agenda, which included a Modification process overview, objectives, timeline, Proposal recap, Consultation Document, Terms of Reference review, AOB, and next steps.

GSR029 Workgroup Recap

The Proposer provided a brief recap of the GSR029 Proposal emphasising the need to align SQSS with P2/7 and addressing storage and data exchange issues. The Proposer highlighted the confusion around storage and data exchange, suggesting adopting a proposal from the P2/7 work group under the Distribution Code, mentioning that there were questions about how to deal with storage and its implications for the Workgroup. The Proposer proposed adopting a similar approach to the P2/7 Workgroup under the Distribution Code to address storage and data exchange issues effectively.

Several Workgroup Members noted it had been a long time since their last involvement and found it difficult to recall the group's previous progress, highlighting the need for a comprehensive recap. The Chair suggested drawing out earlier questions and encouraged the Workgroup to submit any questions or topics they wanted refreshed ahead of the next meeting so these could be addressed and discussed.

The Workgroup raised concerns about aligning SQSS with P2/7, suggesting that the Workgroup should consider the status of P2/9 and its implications to avoid redundancy and ensure SQSS alignment with the latest developments. The Proposer agreed with the

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Workgroup concerns and proposed adding an item to the GSR029 Terms of Reference to consider developments in P2/9, but while also noting that P2/9 is still in draft form.

Workgroup Consultation Document Review

The Chair led the Workgroup through a review of the Consultation document focusing on the sections that needed further development and input from the Workgroup. The Chair shared that GS029 collaboration space would be created for Workgroup Members to add their questions and review the document and contribute to its development.

The Proposer highlighted the following:

Group Demand Definition: proposed changes to the group demand definition, including the unrestricted demand value, losses, and excluding demand supplied to power stations.

Definition Changes: proposed changes to the group demand definition, which include using the unrestricted demand value, accounting for losses, and excluding demand supplied to power stations.

Clarity and Alignment: the need for clarity and alignment with the P2 definition, ensuring that the group demand definition is consistent and clear.

Technical Details: technical details on how the group demand should be calculated, including considerations for demand diversity and the exclusion of power station demand.

Flexible Demand: the concept of flexible demand, which includes customers agreeing to change their demand in response to instructions or agreements, excluding emergency instructions. The Proposer defined flexible demand as a subset of demand where customers agree to change their demand at a given point in time in response to an instruction or agreement. The Proposer discussed the implementation of flexible demand, including how it would be incorporated into the security contributions and the need for clear agreements and instructions.

Security Contributions: the factors to be considered for security contributions, including annual load factor, availability, and outage, and proposed changes to include flexible demand. The Proposer emphasised the importance of these factors in ensuring system security. The Proposer explained the methodology for calculating security contributions, highlighting the need to follow the guidelines in Engineering Report 130 and ensuring consistency with the proposed changes.

Estimation Responsibility: proposing that Distribution Network Operators should estimate contributions for embedded power stations and flexible demand, while

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Transmission Operators should estimate contributions for power stations connected at the transmission interface.

Terms of Reference Review

The Chair led a review of the Terms of Reference. Following Workgroup discussion during this meeting the Proposer suggested an additional term to consider subsequent developments in P2 beyond P2/7.

Next Steps

Workgroup to review the Workgroup Consultation once shared on the GSR029 collaboration space.

Amended GSR029 timeline and Terms of Reference to be presented at the July SQSS panel.

Actions

| Action Number Raised | Workgroup | Owner | Action | Due by | Status |
|----------------------|-----------|---------|--|--------|--------|
| 5 | WG2 | TO Reps | TOs to provide feedback on the impact assessment for group demand using Method 1 and/or Method 2 (depending on the site) | WG14 | Open |
| 7 | WG2 | TO Reps | TOs to assess the contribution from large power stations using the methodology in EREP 130 and compare with current practice to understand the impact for change | WG14 | Open |
| 40 | WG10 | All | Write a problem statement considering the future | WG14 | Open |

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| | | | forecast Demand and the historic Demand | | |
| 45 | WG10 | GL | Provide an example of the historic vs future Demand | WG14 | Open |
| 48 | WG11 | ZM | Share information on organisation's process for forecasting demand for compliance purposes | WG14 | Open |
| 51 | WG12 | Chair | To review and assess the need to Action 5 and 7 to be closed before Workgroup Consultation | WG14 | Open |
| 52 | WG12 | BA | To check how GC0139 interacts with PC.A. | WG14 | Open |
| 53 | WG12 | BA | To provide rationale to Grid Code proposed changes in the current baseline | WG14 | Open |
| 54 | WG13 | PE/AH | Create a collaboration space for the consultation document and provide access to all workgroup members | 17/07/2025 | New |
| 55 | WG13 | BA | Flexible Demand Contracts: Draft and share a document elaborating on the flexible demand contracts and their implications for compliance assessments. | WG14 | New |
| 56 | WG13 | BA | Storage Proposer/Workgroup conversations to be captured in the Consultation document. | WG14 | New |

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| 57 | WG13 | PE | Amended GSR029 timeline and Terms of Reference to be presented at the July SQSS panel. | 23/07/2025 | New |
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Attendees

| Name | Initial | Company | Role |
|-----------------|---------|--------------------------|----------------------------|
| Prisca Evans | PE | Code Administrator, NESO | Chair |
| Andrew Hemus | AH | Code Administrator, NESO | Tech Sec |
| Bieshoy Awad | BA | NESO | Proposer |
| Alan Creighton | AC | Northern Powergrid | Workgroup Member |
| Andrew Hood | ANH | NGED | Workgroup Member |
| Gary Loudon | GL | Electricity North West | Workgroup Member |
| Graeme Vincent | GV | SP Energy Networks | Workgroup Member |
| Le Fu | LF | NGET | Workgroup Member |
| Mohammad Bilal | MB | UK Power Networks | Workgroup Member Alternate |
| Roddy Wilson | RW | SSEN Transmission | Workgroup Member |
| Stuart McLarnon | SM | NESO | NESO Representative |