

Code Administrator Meeting Summary

GSR029: Review of Demand Connection Criteria to Align with EREC P2/7 Workgroup 3

Date: 10 October 2022

Contact Details

Chair: Milly Lewis, National Grid ESO milly.lewis@nationalgrideso.com
Proposer: Can Li, National Grid ESO can.li@nationalgrideso.com

Key areas of discussion

The Workgroup discussions are summarised according to agenda items:

Review of Actions Log

The Workgroup reviewed the Actions Log and agreed to close all actions apart from action 5, 6 and 7.

Actions 5,6 and 7 were discussed at length and BA and CL agreed to set up a separate offline call to go through them and clarify with Workgroup.

Proposer Presentation / Workgroup Discussion

CL advised the propose of the slide pack circulated is to align the Workgroup thoughts and help understand how we can align the SQSS with the other codes.

Workgroup discussed the presentation and the proposed solutions and several points where suggested:

- To include the Methodology for Security Contributions for Large Power Stations, workgroup members advised that if this task is picked up by the DNOs it will require a clear process for how they would proceed and that ESO might be best placed to work out the contributions for Large Power Stations as they operate on the balancing system opposite to Small and Medium Power Stations.
- It was acknowledged that in Scotland some Large Power Stations are not required to participate in the balancing mechanism.
- Workgroup concluded that they should focus on the methodology for the contributions of Large Power Stations and then decide which organisation would be the more suitable to provide the data. Primarily focusing on accessing the materiality in EREP 130 and its application.
- Workgroup request for an Impact assessment on an example and try to apply it to the whole GB.
- Further investigations into the alignment between TOS and DNOs and the methodology behind them.

- It was suggested if it wouldn't be more efficient for the DNOs calculate once a year and submitted or do it ad-hoc when required but this means having to calculate the GSP several times in a year.
- Understand the impacts of ANMs schemes on group demand and security contribution calculations.

Update on Legal Text

The Workgroup discussed the draft legal text, and it was agreed that once another review is completed, an update version of the Legal Text will be submitted. The areas discussed included:

- Definition and interpretations of what is meant by 'futures years', 'latent demand', and 'flexible demand' and the requirement for the SQSS to be clear that we are talking about Gross Demand.
- Whether previous amends were required as the Workgroup are considering reviewing the methodology in EREP 130 (3.14 and 3.15 within SQSS)
- Whether or not to include the Electricity storage plant definition, the Workgroup suggested that if there is an explanation on how storage plants influence Gross demand, it needs to be captured

Through Workgroup discussions it was agreed that with the DNOs calculating the security contribution that a significant proportion of the changes would be required within the Grid Code as a consequence of this modification. It was agreed that a proposal would be raised once the legal text had been worked on and look to have both modifications and submitted to Ofgem together. Additionally, the Workgroup acknowledged the potential impacts of GC0139, however as the implementation of the current modification was likely to be years after an Authority decision that it should not delay the progress of GSR0029.

Terms of Reference

The Workgroup reviewed progress against the Terms of Reference, and it was agreed that the following activity was outstanding

- Review of the Imperial College London report, this will be covered off in the next Workgroup meeting
- Fully understand the scope of the consequential Grid Code modification

AOB / Next Steps

The Chair summarised next steps as follows:

- Revise Timeline to include all day workgroup meeting – 7 November 2022 covering:
 - Deep Dive Sessions:
 - Methodology for Security Contributions Large Power Stations
 - Understand the impacts of ANMs schemes on Group Demand and Security Contribution calculations

Actions Log

Number	Action	Owner	Status
5	TOs to provide feedback on the impact assessment for group demand using Method 1 and/or Method 2 (depending on the site)	TO Reps	Open
6	TOs to advise on current practice when assessing the contribution from large power stations	TO Reps	Open

7	TOs to assess the contribution from large power stations using the methodology in in EREP 130 and compare with the current practice to understand the impact for the change.	TO Reps	Open
10	Check what Wokingham does with the data submitted and revert to WG.	BA	Open
11	Prepare Impact assessment on an example and try to apply it to the whole GB	BA	Open
12	To include the Methodology for Security Contributions Large Power Stations	WG	Open
13	Understand the impacts of ANM's schemes on group demand and security contribution calculations	WG	Open

Participants

Attendees	Initial	Company	Position
Milly Lewis	ML	Code Administrator National Grid ESO	Chair
Catia Carvalho Gomes	CCG	Code Administrator National Grid ESO	Technical Secretary
Alan Creighton	AC	Northern Powergrid	Workgroup Member
Bieshoy Awad	BA	National Grid ESO	Alternate
Can Li	CL	National Grid ESO	Proposer
Graeme Vincent	GV	SP Energy Networks	Workgroup Member
Le Fu	LF	National Grid Electricity Transmission	Workgroup Member
Matthew White	MW	UK Power Networks	Workgroup Member
Peter Stanton	PS	National Grid Electricity Transmission	Alternate
Andy Hood	AH	Western Power	Workgroup Member
Roddy Wilson	RW	Scottish & Southern Energy	Workgroup Member
Terry Baldwin	TB	National Grid ESO	Workgroup Member

For further information, please contact the Code Administrator.