

Code Administrator Meeting Summary

GSR029: Review of Demand Connection Criteria to Align with EREC P2/7 Workgroup 11

Date: 10/11/2023

Contact Details

Chair: Catia Gomes, National Grid ESO , catia.gomes@nationalgrideso.com
Proposer: Fiona Williams, National Grid ESO , fiona.williams@nationalgrideso.com

Key areas of discussion

Review of Action Log

The Workgroup reviewed the action log and agreed to close actions 23, 29, 30, 31, 34, 39, 41, 43, 44, and 46.

- Action 41. A Workgroup member presented the EREC P2/8 Group Demand Formula that was shared with the Workgroup papers. It was explained that the purpose of the equation is to help clarify P2/8 Group Demand and assist the workgroup in deciding how to articulate the requirement in the legal text by either using mathematics or text. It is agreed by the Workgroup to use the equation as a tool for when later drafting the solution and legal text.

Review of Terms of Reference

The Chair presented the Terms of Reference. There were no comments or questions from the Workgroup.

Update from Proposers based on Workgroup feedback

The Proposer presented the GSR029 Proposal and Workgroup work to date document containing the main objectives for the modification and the status of the work.

The Workgroup discussed the first objective of the Workgroup; 'Align the NETS SQSS with P2/7/8?? in relation to the use of gross demand'. There is a discussion around the merits of aligning with P2/7, P2/8, or P2/9 (a future version of P2). There is general agreement that the

broad objective of the modification is to align the NETS SQSS with P2. The text is left as 'Align the NETS SQSS with P2 in relation to the use of gross demand'.

A Workgroup member highlighted that the two main objectives of the modification are being considered in other forums including the Strategic Connections Group. Distribution Code modification DCRP/MP/23/01 - Engineering Report P28 deals with the same issues, and Grid Code Modification GC0139 is also linked to the objectives of GSR029. It is agreed that formally inviting members of the Batteries Sub Group of the Strategic Connections Group to join the GSR029 Workgroup could aid holistic and joined up thinking on solutions to the objectives of the modification (Action 47).

The following changes submitted by the proposer to the GSR029 Proposal and Workgroup work to date document were agreed by the Workgroup:

1.1.2 The Grid Code

PC.A.4.3.2

The tracked changes in the document made by the Proposer were accepted with the exception that 'where known by the network operator' in PC.A.4.3.2 (a) ii) is retained as Workgroup members had concerns it may put additional obligations on licensees.

'Including the effects of cold load pickup' is added to PC.A.4.3.2 (a) iv).

The Proposer will consider deleting section PC.A.4.3.2 (d)

1.1.3. Issues that need addressing

1.1.3.1 - 'GSPs' is changed to 'Users'. The tracked changes in the document made by the Proposer were accepted.

PC.A.4.3.1 and PC.A.4.3.2 ; some Workgroup members express concern that forecasting demand daily was a onerous new obligation. The word "reasonably" as added and the proposed text was agreed.

PC.A.4.3.6 There were concerns from Workgroup members that the ability for The Company to request submission of seven years of daily demand profiles is not reasonable and not practical. A Workgroup member queried how licensees forecast demand for SQSS compliance purposes (Action 48). It is agreed to add 'reasonably' between 'The company' and 'requires' under PC.A.4.3.6 (b).

1.1.3.2 Storage

The Workgroup discussed the proposed text and aired some concerns around how storage is going to be assessed under generation connection criteria and how it is going to be

assessed under Chapter 3 SQSS assessments. The Proposer agreed to undertake some work to investigate these concerns. (Action 49).

The Proposer presented the 1.1.3.2 Storage diagrams in the document and the Workgroup made some suggestions on improvements. The Proposer will amend the diagrams (Action 50).

Next Steps

- The Chair to circulate the updated Proposer document.
- Workgroup to consider and provide feedback.
- Workgroup members to work through the outstanding actions.

Actions Log

Action number	Workgroup Raised	Owner	Action	Comment	Due by	Status
5	Workgroup 2	TO Reps	TOs to provide feedback on the impact assessment for group demand using Method 1 and/or Method 2 (depending on the site)		Click or tap to enter a date.	Open
7	Workgroup 2	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		Click or tap to enter a date.	Open
23	Workgroup 5	BA	Check Elexon data to assess significance of BM actions		Next WG	Closed
29	Workgroup 8	CCG	Put together list of questions for Market Services from previous meetings notes/Summaries		Workgroup 9	Closed
30	Workgroup 8	CL/BA	Address Alan's comments to ICL		Workgroup 9	Closed
31	Workgroup 8	WG	Consider how Gross Demand could be calculated		Workgroup 9	Closed
34	Workgroup 8	CL/BA	Clarify position of Transfer Capacity in the spreadsheet and consider if it needs to be upfront		Workgroup 9	Closed
37	Workgroup 9	Proposer	To have further conversations with ICL with regards to AC comments and BA question		Workgroup 10	Open
39	Workgroup 10	CCG	Contact Chris McCann about sharing the slides for the DCUSA modification		Workgroup 11	Closed

40	Workgroup 10	WG	Write a problem statement considering the future forecast Demand and the historic Demand	Workgroup 11	Open
41	Workgroup 10	SQ	Put together the equation for Group Demand	Workgroup 11	Closed
42	Workgroup 10	WG	Provide wording for redefining PCA 4.3.2 a)	Workgroup 11	Open
43	Workgroup 10	WG	Provide feedback on the Proposer document	Workgroup 11	Closed
44	Workgroup 10	BA/FW	Nominate themselves for the DCUSA Workgroups	Workgroup 11	Closed
45	Workgroup 10	GL	Provide an example of the historic vs future Demand	Workgroup 11	Open
46	Workgroup 10	GV	Check that there is a common-sense approach to the license	Workgroup 11	Closed
47	Workgroup 11	BA	Formally invite members of the Batteries Sub Group of the Strategic Connections Group to join the GSR029 Workgroup	Workgroup 12	Open
48	Workgroup 11	ZM	Share information on organisation's process for forecasting demand for compliance purposes	Workgroup 12	Open
49	Workgroup 11	BA	Investigate and summarise how storage is going to be assessed under generation connection criteria	Workgroup 12	Open
50	Workgroup 11	FW	Amend the storage diagrams	Workgroup 12	Open

Attendees

Name	Initial	Company	Role
Catia Carvalho Gomes	CCG	Code Administrator National Grid ESO	Chair
Jonathan Whitaker	JW	Code Administrator National Grid ESO	Technical Secretary
Bieshoy Awad	BA	National Grid ESO	Alternate
Fiona Williams	FW	National Grid ESO	Proposer
Terry Baldwin	TB	National Grid ESO	Workgroup Member
Gary Loudon	GL	Electricity North West	Workgroup Member
Zivanayi Musanhi	ZM	UK Power Networks	Alternate

Graeme Vincent	GV	SP Energy Networks	Workgroup Member
Le Fu	LF	National Grid Electricity Transmission	Workgroup Member
Roddy Wilson	RW	Scottish & Southern Energy	Workgroup Member
Steve Quinn	SQ	Western Power	Alternate
Philip Bale	PB	Roadnight Taylor	Observer
Peter Stanton	PS	NGET	Alternate
Alan Creighton	AC	Northern Power Grid	Workgroup Member