

Code Administrator Meeting Summary

GSR029: Review of Demand Connection Criteria to Align with EREC P2/7 Workgroup 10

Date: 22/09/2023

Contact Details

Chair: Milly Lewis, National Grid ESO

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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 19, 28,35,36, and 38.

- Action 34- The Proposer advised that he believed that we are not trying to change the timing of when the transfer capacity is considered in the spreadsheet, advising that he considers it works now and unless we find a time where it doesn't, we should leave it as it is. A Workgroup member agrees that it relates to how the transfer capacity is included in the data exchange, but because we are bringing out P2 as a separate stage in terms of compliance and contribution, he feels that it should also be considered in there. The Proposer agreed to review.

Review of Terms of Reference

A Workgroup member questioned if the proposal is to not refer to EREC P2/7 in the SQSS but to add compatible terms and wording to the SQSS but it may be necessary to refer to EREP 130 in SQSS, advising that is a Distribution Code governed document. The Proposer advised that with EREP 130 there is a lot of guidance and it may be difficult to replicate the same level of guidance in the SQSS or the Grid Code so we would be referring to a EREP 130 specific version.

Update from Proposers based on Workgroup feedback

A Workgroup member shared a presentation to the Workgroup and gave an overview on the new DCUSA P2 Workgroup that looks at the application of EREC P2 and EREP 130 to Electricity Storage. Advising that the proposed solution is to redefine Group Demand to not

count the import behaviour of premises whose primary purpose is electricity storage towards Group Demand.

A Workgroup member questioned if the Distribution Code modification is also going to consider the future of hydrogen in production, acknowledging that at the moment this is still a fairly new subject, to which he was advised that not at this moment.

A Workgroup member advised that we should consider the implication of the Distribution Code modification and the impacts it could have on GSR029, explaining that one of the considerations of the Distribution Code modification was to exclude the import from electricity storage from the definition of Group Demand, concluding that we need to be careful, so we don't have different interpretations of Group Demand in P2 and in the SQSS.

A Workgroup member questioned the implications of the ESO open letter on the 02 June 2023, which sets out the ESO's proposals for encouraging electricity storage to connect. The Proposer advised that the letter was more about how to accelerate storage connections and about how to treat storage as an unfirm connection rather than how it is going to treat it as part of the Group Demand.

The Workgroup went through the Proposer document where it described the main objectives for the modification and its status.

Main Objectives:

1. Align the NETS SQSS with P2 in relation to the use of gross demand.
2. Ensure the demand side management options and security contribution from embedded generation is taken into account where necessary.

Main highlights were:

- A Workgroup member suggested adding an extra main objective - "Ensure that there is a consistent approach across DNO and ESO re treatment of import from Electricity Storage (typically being the single most significant demand in a demand group)". The Proposer advised that he did not consider it to be a main objective but agrees that it is part of the terms of reference.
1. Align the NETS SQSS with P2 in relation to the use of gross demand.

NETS SQSS

- The proposed changes:
 - Delete Clause 3.5 as the Transmission License will no longer need to apply.
 - Delete Clause 3.6 for simplicity with the definition of the Group Demand updated to convey the message about diversity.
 - The definition of Group Demand is updated.
- Changed the word "cognisance" to "accounted for" in the Group Demand definition.

- The Workgroup discussed considerations around future forecast Demand and historic Demand, and the implications those can have in the compliance if this modification is approved. Some Workgroup members suggested to alter the definition of Group Demand to incorporate both historic and future forecast Demand. The Proposer suggested that the Workgroup members should write their problem statements offline and comeback in the next Workgroup meeting so it could be considered.
- A Workgroup member advised that it should be a common-sense approach to the license and in the case of a non-compliance issue, it should be related to what was compliant at the time and not what the current license is.
- The Chair has highlighted that maybe this could be incorporated into a Workgroup Consultation question.
- Remove the word “as” from “as provided by the network” from the Group Demand definition.
- Move “in accordance with the requirements of the Grid Code” to the beginning of the Group Demand definition.
- Further consideration needed on the Group Demand definition.

The Grid Code

Is proposed that a Grid Code Workgroup considers:

- Either adding a new Clause PC.A.4.3.1 (f) or replacing the existing Clause PC.A.4.3.1 (a) so that it refers to the time at which the maximum demand would be supplied from the Network Operator’s System or utilised within a Non-Embedded Customer’s System.
- Modifying Clause PC.A.4.3.2 to ensure consistency with the demand definition in P2/8.
 - Workgroup members discussed redefining the wording for PCA 4.3.2 a). Various suggestions were made that included adding Gross Demand to i) and ii) or adding “demand displaced by” as a way to clarifying the issue. The Proposer suggested adding “This comprises the Demand imposed on the National Electricity Transmission System plus”.
 - A Workgroup member suggested to start defining an equation for Gross Demand and work from there to get the correct wording to define Gross Demand.
 - The Workgroup will consider this offline and it will be discussed in the next Workgroup meeting.

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
19	Workgroup 4	BA	Confirm which section of the Grid Code links to GSPs/demand contracts (Operating Code 2 or Planning code)		Click or tap to enter a date.	Closed
23	Workgroup 5	BA	Check Elexon data to assess significance of BM actions		Next WG	Open
28	Workgroup 8	BA	Simplify and edit data exchange document and circulate to Workgroup		Workgroup 9	Closed
29	Workgroup 8	CCG	Put together list of questions for Market Services from previous meetings notes/Summaries		Workgroup 9	Open
30	Workgroup 8	CL/BA	Address Alan's comments to ICL		Workgroup 9	Open
31	Workgroup 8	WG	Consider how Gross Demand could be calculated		Workgroup 9	Open
34	Workgroup 8	CL/BA	Clarify position of Transfer Capacity in the spreadsheet and consider if it needs to be upfront		Workgroup 9	Open
35	Workgroup 8	CL/BA	Re-invite Djaved Rostom (Connections Team) to Workgroup		Workgroup 9	Closed
36	Workgroup 9	Chair	To remove "d" from "provided" in ToR 3 and advise Panel		Workgroup 10	Closed
37	Workgroup 9	Proposer	To have further conversations with ICL with regards to AC comments and BA question		Workgroup 10	Open
38	Workgroup 9	TB	To share the diagram from GC0139 with the Workgroup		Workgroup 10	Closed
39	Workgroup 10	CCG	Contact Chris McCann about sharing the slides for the DCUSA modification		Workgroup 11	Open
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	Open
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	Open
44	Workgroup 10	BA/FW	Nominate themselves for the DCUSA Workgroups	Workgroup 11	Open
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	Open

Attendees

Name	Initial	Company	Role
Milly Lewis	ML	Code Administrator National Grid ESO	Chair
Catia Carvalho Gomes	CCG	Code Administrator National Grid ESO	Technical Secretary
Bieshoj Awad	BA	National Grid ESO	Alternate
Fiona Williams	FW	National Grid ESO	Proposer
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
Gary Loudon	GL	Electricity North West	Workgroup Member
Andy Hood	AH	Western Power	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