

ENA Electricity Networks and Futures Group

DER TECHNICAL FORUM

MINUTES

Tuesday 07 June 2022

MS Teams Meeting

ATTENDEES

Name	Initials	Company
Christopher McCann	CMC	ENA
Mike Kay	MK	ENA
Sarah Carter	SC	Ricardo
Anuj Chhetri	AC	Northern Powergrid
Peter Twomey	PT	Electricity North West
Alistair Shearer	AS	BU UK
Dick Allen	DA	BHA
Ian Nicoll	IN	Qmulus Ltd
Jason Kirrage	JK	Solar Edge
Lukasz Bochinski	LB	UKPN
Andy Hood	AH	WPD
Tim Ellingham	TE	RWE

Tony Robinson	TR	TVR Instruments
Richard Harrison	RH	Clarke Energy
Ian Wassman	IW	AMPS / Comap Controls

APOLOGIES

Name	Initials	Company
Graham Bone	GB	Infinis
Miles Buckly	MB	SPEN
Chris Marsland	CM	EuroSite Power

MEETING NOTES AND ACTIONS

1 Welcome, Introductions and Acceptance of Agenda		CMC
Previous minutes were accepted. Accompanying meeting slides should be referred to for detail.		
Actions	None.	

2 Battery Energy Storage Systems		MK
Slide 5 provides an update. The SAF has been modified and published. The DNOs are giving voltage management further consideration.		
Actions	None from this meeting, actions as per BESS WG	

3 Digitalisation of Connections		MK
Slide 7 provides an update of ENA work in progress in respect of digitalisation of connections.		
Actions	None	

4 New issues since the last forum - #123 Omissions in G100		MK
G100 Issue 2 was published in early May. A clarification is required in respect of automatic resetting following communication failures. G100 will be reissued to pick this up in the late summer, in the meantime if anyone is aware of any other minor issues in G100 please raise them.		
Actions	Raise any other G100 minor issues 24/06/22	ALL

#124 Using private wires to connect generation		MK
The meeting discussed the situation where two existing G59 generators are to be connected by private wire with a change to the connection arrangements to the DNO network and whether this should result in a requirement to modify the generation to be G99 compliant. Refer to slides 10 to 12 for full details. The meeting considered the arguments in the slides and observed:		
<ul style="list-style-type: none"> Nothing has changed with respect to the generation therefore it could be said that it is difficult to justify a need to become G99 compliant. 		

- Should this be treated as a new connection?
- G99 compliance is mainly for the benefit of the whole system (frequency and voltage ride through) but this size of generation is not individually material to NGENSO.
- Use of private wire is likely to become more widespread as the price of energy increases.
- A consistent approach is needed across the DNOs.
- Upgrading generation to be G99 compliant has significant cost.

MK will work with the DNOs to capture the options and agree a proposed approach.

Actions	Progress with DNOs. ASAP	MK
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5 Unresolved issues	MK
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Issues #113 and #114 relate to BESS installations and will remain open for the time being.
 For issues #117-121 IW confirmed that AMPs are satisfied with the response with the exception of Cyber Security. MK and IW will follow up with a discussion in this respect.
 CMC to check the resolution of Issue #122 wrt short term parallel with the instigator of the question.
 Issue #112 on registered capacity has been reviewed and, as requested at the previous DER TF, new slides produced which use values as well as symbols to explain different scenarios. These can be found at the back of the slide pack for review. It was noted that NGENSO are still considering the definition of registered capacity for a site where there is demand on that site and which is key to determining whether a site is a medium or large power station.
 (Note from previous meeting The suggested clarification in the slides will be added to the 2022 revision of the DG connection guides.)

Actions	Follow up discussion about Cyber Security. 07/07/22 Check resolution of issue 122. 07/07/22 Review and comment on new slides wrt Registered Capacity. 07/07/22	MK/IW CMC ALL
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6 Update on relevant topics	MK
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- i. EREC G100 – as discussed in 4. Issue #123
- ii. Fast track – Implementation is expected to be October 2022.

<p>iii. GC0117 See slides 27 & 28. NGENSO have changed their position so any change would not be retrospective and they may favour an option where the Medium threshold is 50 MW in all of GB with some additional Balancing Mechanism obligations. Consultation is expected in July. MK will circulate this at the time. MK is interested in understanding more about residual changes – he will follow up with DNOs.</p> <p>iv. Distributed ReStart - see slide 30. The scope of GC0148 has been reduced and will focus on the new requirements for storage (response to frequency recovery). Distributed ReStart has been transferred to GC0156</p> <p>v. EU Developments - see slide 32- 34 which has details of proposals for a revision of RfG which will be developed and submitted to the European Commission at the end of 2023. It was noted that these changes won't affect UK law, but would affect manufacturers operating in the EU, and hence, indirectly, the UK market.</p> <p>vi. Storage and other G98/99 mods – the meeting was reminded that the storage modifications in G98 and G99 come into play in September. The ENA will follow up a specific reminder letter to manufacturers with an open letter. A list of future mods will be circulated for review.</p>		
Actions	Investigate residual changes with the DNOs and circulate the GC0117 consultation.	
	When it is available	MK
	Publish an open letter wrt the imminent applicability of the storage modifications.	
	07/07/22	MK/CMC
	Circulate slides detailing future G98/G99 amendments	
	10/06/22	MK
	all to comment	
	Next meeting	ALL

7	Minutes of previous meeting and actions	MK
Please see slide 38 for an update in respect of the use of the CIM.		
Actions	None	

8	AOB	
None		

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9 Next meeting		
The meeting agreed to a next meeting in early September 2022.		
Actions	Arrange next meeting 20/06/22	CMC