

ENA Electricity Networks and Futures Group

DER TECHNICAL FORUM

MINUTES

Tuesday 21 September 2021

MS Teams Meeting

ATTENDEES

Name	Initials	Company
Christopher McCann	CMC	ENA
Mike Kay	MK	ENA
Sarah Carter	SC	Ricardo
Anuj Chhetri	AC	Northern Powergrid
Andy Beddoes	AB	SPEN
Miles Buckley	MB	SPEN
Steve Withell	SW	SPEN
Peter Twomey	PT	ENWL
Dick Allen	DA	BHA
Ian Wassman	IW	AMPS / Comap Controls
Ian Nicoll	IN	Qmulus Ltd
Alistair Shearer	AS	BU UK

Jason Kirrage	JK	Solar Edge
Stephen Sommerville	SS	SP Electrical
Graham Bone	GB	Infinis
Colin Fletcher	CF	Clarke Energy
Richard Harrison	RH	Clarke Energy
Lukasz Bochinski	LB	UKPN
David Hill	DH	NIE Networks

APOLOGIES

Name	Initials	Company
Chris Marsland	CM	Euro Site Power
Gillian Williamson	GW	ENWL
Hui Heng	HH	SSE Networks
Andy Hood	AH	WPD
Luis Mayor	LM	PSE2 Consulting

MEETING NOTES AND ACTIONS

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

2 Special Interest Session on Modelling and Simulations		MK / SC
<p>A draft agenda for the session was shared, and comments on both scope and detail are welcome, as are further delegates. It was noted that the agenda should include the hand over of data. It was agreed a session would be arranged around the end of October or early November.</p>		
Actions	Comment on agenda 27/09/21	ALL
	Suggest new attendees 27/09/21	ALL
	CMC/MK to arrange meeting 04/10/21	CMC

3 Battery Energy Storage Systems		MK/ SC
<p>It was agreed to hold a separate special interest session on the approaches to designing connexions for BESSs. Slide 7 of the pack listed the topics that the DNOs thought should be addressed, and invited comments on missing issues, or specific points of detail that would benefit from exploration. MK suggested that it would be helpful to create a straw man approach to the issues, and to circulate this before the planned meeting.</p>		
Actions	Comment on the issues list – ie scope, detail or omissions etc. 11/10/21	All
	Arrange meeting in early November. 14/10/21	MK/CMC

4 New issue – Heat Batteries		MK/CMC
The issue was explained and it was noted that the paper proforma for EVs and heat pumps was the most appropriate existing form. CMC explained that the ENA was developing an app that would ideally replace the need for paper forms, but that this was still in development.		
Actions	Note the issue and ask the originator for closure. 27/09/21	MK

5 Previous issues		MK
Issue 110 is associated with modelling and simulations and will be addressed by the meeting at (2) above. Issue 112 relating to Registered Capacity, reactive capability, and site maximum limits was discussed. SS will reflect on the discussion to see if more consideration is needed. Issues 113 and 114 both relate to BESS installations and will be picked up by the meeting at (3) above. Issue 115 on the treatment of induction generation was noted. It was not thought there was any action needed. MK to query with the originator.		
Actions	SS to consider if more discussion on 112 is required. Next meeting Confirm with originator if 115 can be closed. 29/09/21	SS MK

6 G100 and Fast Track		MK
A short resume of the progress with modification to G100 and the proposed revised fast track process was discussed.		
Actions	No immediate actions	

7 Distributed Restart Project		MK
MK is representing ENA on the Distributed Restart project and he provided a short update on the project. There is likely to be a need for some minor redrafting of the Dcode, G98 and G99 in the future to accommodate distributed restart zones. The project's webpages are here: https://www.nationalgrideso.com/future-energy/projects/distributed-restart		

Actions	No immediate actions	
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8	EU Developments	MK
MK updated the meeting about relevant EU network code developments.		
Actions	No immediate actions	

9	Distribution Code Compliance	MK
The DCRP consultation on compliance and compliance actions by DNOs was summarised. It was noted that the deadline for comments was 07 October 2021.		
Actions	No immediate actions	

10	AOB	MK
SS asked about the 1.25 pu limit in G100 and how this applied to large MW sites. It was noted that the revised G100 (as per slide 18) removed this specific limit, but replaced it with site specific limitations based on the local capabilities of the network.		
Actions	None	

Next meeting		MK
The meeting agreed to next meeting around the middle to end of November.		
Actions	Arrange next meeting 27/09/21	CMC