

## ENA Electricity Networks and Futures Group

### DER TECHNICAL FORUM

#### MINUTES

Thursday 24 February 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
Miles Buckly	MB	SPEN
Dick Allen	DA	BHA
Ian Wassman	IW	AMPS / Comap Controls
Ian Nicoll	IN	Qmulus Ltd
Stephen Sommerville (part)	SS	SP Electrical
Jason Kirrage	JK	Solar Edge
Graham Bone	GB	Infinis
Lukasz Bochinski	LB	UKPN

Registered office Energy Networks Association Limited, 4 More London Riverside, London SE1 2AU  
 t. +44 (0)20 7706 5100 e. [info@energynetworks.org](mailto:info@energynetworks.org) [energynetworks.org](http://energynetworks.org)

Hui Heng	HH	SSE Networks
Andy Hood	AH	WPD
Tim Ellingham	TE	RWE
Dan Clarke	DC	ENA
Greig Swanepoel	GS	Tesla

#### APOLOGIES

Name	Initials	Company
Peter Twomey	PT	Electricity North West
Alistair Shearer	AS	BU UK
Richard Harrison	RH	Clarke Energy

**MEETING NOTES AND ACTIONS**

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

<b>2 Digitalisation of Connections</b>		<b>DC</b>
<p>DC provided an overview of the work ENA is undertaking to streamline the connections process and develop a Digitalisation and Connections tool. This is consistent with BEIS requirements for a central asset register for all network assets.</p> <p>This will result in an App for installers to use to simplify the connection of Low Carbon Technologies (LCTs). Whilst the App is initially focusing on the retrofitting of EV and heat pump connections to existing properties it is envisaged it will be extended to domestic PV and storage and possibly larger scale generation.</p> <p>The ENA is also working with the IET to try to align the determination of domestic maximum demand, which is currently generally accepted as being pessimistic in the IET regulations, with DNOs' experiences.</p>		
<b>Actions</b>	None	

<b>3 Battery Energy Storage Systems</b>		<b>MK</b>
<p>The January BESS discussion session with stakeholders was summarised. It was noted that the deadline for the submission of comments on the changes to the SAF is 25/02/22. Discussions in respect of voltage control and simultaneous behaviour of batteries are ongoing with the DNOs.</p>		
<b>Actions</b>	<p>Modify the SAF  <b>04/03/22</b></p> <p>Continue discussions as appropriate  <b>24/03/22</b></p>	<p>SC</p> <p>MK</p>

4 Special Interest Session on Modelling and Simulations		MK
Refer to slide 8 for details. There are no actions at present		
<b>Actions</b>	Discuss with SS who had to leave the meeting with a view to closing issue 110 in relation to system modelling. <b>24/03/22</b>	MK

5 New issue – challenge on short term parallel requirements		MK
Refer to slide 10 for details, it is believed the current provisions in G99 are adequate as it allows relaxation by the DNOs who can take operating requirements, risk and the need for loss of mains protection into account.		
<b>Actions</b>	Respond to stakeholder <b>12/03/22</b>	CMC

6 Previous issues		MK
<p>Issue 113 relates to P28 and should be closed when there is agreement that the issues with BESS connections currently being discussed are resolved.</p> <p>Similarly issue 114 relates to BESS installations and will remain open for the time being.</p> <p>Issue 112 on registered capacity has been reviewed and, as requested at the previous DER TF, new slides produced to consider demand. The meeting agreed to amend them to use values as well as symbols to explain different scenarios.</p> <p>The use of terminology of Connection Point / Point of Connection / Point of Common Coupling / Point of Supply etc was discussed and the meeting noted that it would be helpful to have consensus on the definition and use of these terms.</p> <p>It was noted that National Grid are reviewing their definition of registered capacity in respect of sites with integrated demand – and which would have implications for the D Code (and G99) definition.</p> <p>The suggested clarification in the slides will be added to the 2022 revision of the DG connection guides.</p> <p>For issues 118-121 the ENA is waiting to hear formally from AMPS before discussing further or closing the issues.</p>		
<b>Actions</b>	Revise additional examples in respect of Registered Capacity <b>24/03/22</b>	MK

	Determine how different point of connection terminology is used across the DNOs <b>24/03/22</b> Discuss 118-121 with IW <b>24/03/22</b>	CMC/MK/ SRC  MK
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7 Update on relevant topics		MK
	<ul style="list-style-type: none"> <li>i. EREC G100 - See slide 41. MK updated the meeting and noted the next G100 working group is 28/2/22.</li> <li>ii. Fast track – also covered on slide 41 – expected to be presented to April DCRP.</li> <li>iii. GC0117 See slide 43. MK updated the meeting about the GC0117 modification and noted the anticipated consultation has slipped back to the summer.</li> <li>iv. Distributed Restart - see slide 45. There is likely to be a consultation in April. It was noted that National Grid are planning to include a requirement for storage response to falling frequency in the Grid Code. This will be reflected in G99 in due course.</li> <li>v. D Code Compliance - An update was provided as per slide 50 and it was noted that the ENA expect to hear from Ofgem very shortly.</li> <li>vi. EU Developments - MK updated the meeting about relevant EU network code developments as per slide 48 noting there is a draft code on cyber security.</li> </ul>	
<b>Actions</b>	No immediate actions	

8 AOB		
	<p>DA raised the standardisation of heat maps to indicate areas where generation could connect and assist generators. The meeting noted that the differences between some networks make this challenging.</p> <p>It is understood that this may be being addressed by the work Ofgem are currently undertaking to revise the long term development statements (LTDS) and this will be investigated.</p>	
<b>Actions</b>	AH/MK to ascertain further details about the Ofgem review <b>24/03/22</b>	AH/MK

<b>9 Next meeting</b>		
The meeting agreed to a next meeting in mid June 2022.		
<b>Actions</b>	Arrange next meeting <b>18/03/22</b>	CMC