

NOTES

ENA Electricity Networks and Futures Group DER TECHNICAL FORUM

02 FEBRUARY 2021

Attendees by teleconference:

Name	Initial	Company
Chris McCann	CMC	ENA
Andy Hood	AH	WPD
Anuj Chhettri	AC	Northern Powergrid
Mike Kay	MK	ENA
Mark Lyon	ML	SPEN
Lukasz Bochinski	LB	UKPN
Peter Twomey	PT	ENWL
Hui Heng	HH	SSE
David Hill	DH	NIE Networks
Tim Ellingham	TE	RWE
Sarah Carter	SC	Ricardo
Dick Allen	DA	BHA
Chris Marsland	CM	Euro Site Power
Ian Wassman	IW	Comap Controls
Ian Nicoll	IN	Qmulus Ltd
Richard Harrison	RH	Clarke Energy
Claire Newton	CN	Ricardo
Graham Bone	GB	Infinis
Shinde Vijay	SV	Siemens
Stephen Sommerville	SS	SPE Electrical Ltd
Alistair Shearer	AS	BU UK
James Hoare	JH	LHW Partnership
Luis Mayor	LM	PSE2 Consulting
Jason Kirrage	JK	Solar Edge
Alan Guiver	AG	Agren
Tony Robinson	TR	TVR Instruments

Apologies:

Name	Initial	Company
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ACTIONS LIST

No.	Detail	Leader	Date	Complete
1	Publish previous minutes	CMC	05/02	✓
3.1	Close issue #108	MK	05/02	✓
3.2	Respond to storage consultation in respect of P28 assessment	All (as applicable)	12/02	
3.3	Raise P28 assessment and storage with DNOs	MK	01/04	✓
4.1	Provide further details in respect of Issue #101	LM	26/02	✓
4.2	Close #106	MK	05/02	✓
4.3	Ask party who raised DRUPs issue to respond to storage modification; close the issue.	MK	03/02	✓
5.1	Discuss concern about non-compliant generator re-submitting docs on TTR and previous comments being lost	LB/ CMC	26/02	✓
5.2	Discuss specific issue re TTR register entry	AG/ CMC	26/02	✓
8	Respond to MK with interest in respect of modelling special interest session	ALL	12/02	
9	Arrange next meeting	CMC	12/02	✓

NOTES

Item	Focus	Leader	Date
1.	Previous minutes and TOR The previous minutes were approved. Approved minutes and slides for the meeting to be published on the DCode Website.	CMC	05/02/21
1.1	Reference should be made to the DER Technical Forum Record of Issues log and the slide pack used during the meeting “210202 ENA DER Tech Forum 210202.		
2.	Minor technical modifications		
2.1	MK appraised the meeting in respect of the timescales for the G98 and G99 minor technical modifications consultation which is being discussed by the DCRP, but which is expected to be merged with the requirement to pick up new data recording requirements in respect of Energy Source and Energy		

	Conversion technologies. The new requirements are necessary to allow DNOs to comply with their new licence requirement to report connected generation in their Embedded Capacity Registers. As a result the consultation may be slightly delayed.		
3.	New Tech Forum Issues		
3.1	<p>Compliance demonstration for infrequent short-term parallel PGMs</p> <p>The new text proposed for G99 to address the lack of clarity in respect of short-term paralleling compliance was presented (slide 8).</p> <p>Note that the latest version of the SAF (v6 May 2020), notes 8, 9 and 10 have exclusions for short-term parallel PGMs. Noting that the issue was included in the minor technical update, the issue would be closed.</p>	MK	05/02/21
3.2	<p>Battery storage – power swings</p> <p>The discussion focused on the assumptions that should be made in assessing the storage connection against P28. The power factor response when a storage device is responding to a frequency event (for example NG dynamic containment service) can make a significant difference to the voltage swing. Clarity of assumptions for determining compliance with P28 is required.</p> <p>All (as applicable) to respond to the storage consultation to this effect. Storage consultation closes 12 February 2021.</p> <p>MK to raise separately with DNOs.</p>	ALL MK/ DNOs	12/02/21 01/04/21
4.	Review of previous Tech Forum Queries		
4.1	Issue #101. Load rejection simulation. It was noted that the study requirement is from the Grid Code and was intended for PGMs that can operate in island mode. Therefore some PGMs connecting to the distribution system without islanding capability cannot perform these studies. A pragmatic approach is generally being taken by the DNOs, but it might be possible to recognise this in G99. LM to provide further details.	LM	26/02/21
4.2	Issue #106. Minimum Stable Operating Level – modifications have been made in the minor technical modifications draft, hence this issue will be closed.	MK	05/02/21
4.3	Issue #107. Solution is to include reference to DRUPs in the revised paragraph 7.1.2 in the storage modification. MK will ask the party who raised the issue to respond to the storage consultation. Close the issue.	MK	03/02/21
5.	<p>Storage consultation</p> <p>The storage consultation comments are due back on 12 February.</p>		
6.	<p>G100</p> <p>MK summarised the latest G100 position as per slide 17.</p>		
7.	<p>Type Test register (TTR)</p> <p>No significant update.</p>		

	LB to discuss concern about non-compliant generator re-submitting docs on TTR and previous comments being lost AG and CMC to discuss specific issue in respect of notifications off line.	LB/ CMC AG/ CMC	26/02/21 26/02/21
8.	AOB SS raised the issue of the level of information and the format of the Type C and D models that have to be provided to the DNOs. The meeting agreed that a special interest session should be held with the DNO and Consultant practitioners. All to let MK know in terms of involvement with the group and suggested agenda items.	ALL	12/02/21
9	Next meeting: Proposed in April. CMC to arrange.	CMC	12/02/21