

DER Tech Forum Meeting Minutes and Actions

Held on Monday 21 January 2019 at ENA Offices, London.

Attendees		
Name		Company
Mark Dunk	MD	ENA
Mike Kay	MK	ENA
Sarah Carter	SC	Ricardo
Chris Marsland	CM	AMPS
Nick Gudgeon	NGu	HV Tech Services Ltd
Tim Moore	TM	UK Power Networks
Ian Wassman	IW	IPU
David Hill	DH	NIE Networks
John Ruddock	JR	Deep Sea Electronics Ltd
Sue Pilcher	SP	SP Energy Networks
Steve Mockford	SM	GTC UK
Xiaoyao Zhou	XZ	NG ESO
Luis Mayor	LM	PSE2 Consulting
Peter Twomey	PT	ENWL
Andy Hood	AH	WPD
Anuj Chhettri	AC	NPG
Alan Guiver	AG	Agren Power and Energy Ltd
Darwin Aseka	DA	ENA
Nicholas Gall	NG	Solar Trade Association

Apologies		
Name		Company
Greg Middleton		Deep sea
Adam Tinkham		Bosch
Brian Hoy		ENWL
Graham Stein		National Grid
Richard Smith		National Grid
Tran Trung		SSE
Simon Hamlyn		BHA
George Penny		Moixa

Item	Notes	Action
1.	<p>Previous minutes and TOR</p> <p>In light of Richard's departure everyone was asked to check that any issues they raised subsequent to the last meeting were included in the meeting notes or the TOR's. All to let MD and MK know of any anomalies.</p>	ALL MD/MK
2	<p>Review of previous Tech Forum Queries</p> <p>Reference should be made to the DER Technical Forum Record of Issues log.</p> <p>All the entries on this log were reviewed during the meeting, including those marked closed.</p>	

Item	Notes	Action
2.1	<p>Item 1 – Manufactures Information and Equipment Certificates</p> <p>CM reiterated his concerns about the lack of clarity about what information is required to demonstrate compliance with G99 and the likelihood of lack of consistency between the DNOs. The DNOs all agree that until the Equipment Certificate regime is in place Self Certified Manufacturers' Information will be acceptable on the assumption it has sufficient detail (eg technical construction files) behind it. The discussion on Item 1 comprehensively picked up items 6-9 too.</p> <p>It was restated that information posted onto the ENA generator test database is the manufacturers' responsibility, but the database has been designed to allow manufacturers to upload supporting technical information</p>	
2.2	<p>In relation to Item 4 it was noted that the new housekeeping mods that should be out for consultation w/c 28/01/19 should make these requirements clearer. Forum members agree to review this and if they thought that a special interest session on the implications of these issues would be useful, to inform MK/MD</p>	All
2.3	<p>It was agreed that the following items are closed:</p> <p>Items 1, 6-9 – noting the key agreement that DNOs will accept manufacturers' self-certified compliance information. Also 2, 3, 10, 11, 12 were agreed to be classed as closed.</p>	
2.4	<p>The British Hydropower Association questions were reviewed and discussed. Item 14 should not have said not compliant with G59. MD/MK will review the response to Q17 and Q18 which refer to the clause from G59 which considers generators contributing to network security when agreed with the DNO. MK will provide detail of these answers to the BHA.</p> <p>Answer to Q21 should refer to Q1 & Q6-9 answers.</p>	MD/MK
3	<p>EVs and Heat Pumps</p> <p>Randolph Brazier, ENA Head of Innovation, informed the meeting about the new process and application form that has been developed for connecting Heat Pumps and EVs and which will be launched in February.</p>	
4	<p>Current G99 modification</p> <p>MK/SC ran through the most recent modifications which will be being consulted on during February.</p> <p>20190124 MD Post meeting note: The G99 modifications will be submitted to the Distribution Code Review Panel on 7th February for final approval before being released for public consultation</p>	
5	<p>SAF</p> <p>SC ran though the revisions that have been made in the January version.</p> <p>CM expressed concerns about the request for excitation and governor model data, it was agreed to revisit Note 9 in light of Note 4 in the D Code DRC about SPD and DPD in this area.</p>	SC
6	<p>AOB</p> <p>1. AG raised a possible issue for the Landfill Industry whose current practice is to relocate gas generators as the source of the gas varies over time. This could mean</p>	MD/MK

Item	Notes	Action
	<p>a large generator being replaced with an existing G59 compliant smaller generator. This would not necessarily be compliant with G99. MD/MK to review.</p> <p>2. SC to investigate headers in G99 to clarify which Type the text refers to.</p>	
7	<p>Future DER Forum Dates</p> <p>12 February – telecom if needed – 1030 start.</p> <p>12 March</p> <p>16 April</p> <p>Venue: 4 More London Riverside, London, SE1 2AU</p>	

The Voice of the Networks
Table of Open Actions

Action	Detail	Responsible	Expected Completion Date	Status
01	Elect appropriate Chairperson/Co-Chair before January 2019 forum	ENA/AII	End January 19	Incomplete
02	Ref Inaugural DER Tech Forum PPoint Presentation Slide 1 - should consider adding (as part of the current housekeeping modification), text clarifying that RoCoF withstand tests are not (currently) required as they are not required by the RfG.	ENA	End January 19	Complete
03	Ref Ref Inaugural DER Tech Forum PPoint Presentation Slide 2 - should consider adding (as part of the current housekeeping modification), a note to A2-2 making it clear that it is expected to be used for induction machines.	ENA	End January 19	Complete
04	Ref Ref Inaugural DER Tech Forum PPoint Presentation Slide 4 - should consider if further clarity is needed on performance requirements outside the reactive capability envelope.	ENA	End January 19	Complete
05	Ref Ref Inaugural DER Tech Forum PPoint Presentation Slide 15 -- text agreed – but there is a requirement to ascertain if a clearer term other than “authorised personnel” can be used. To be included in the current housekeeping modification.	ENA	End January 19	Complete
06	Continue development of Equipment Certificate Policy	ENA	End January 19	Incomplete
07	RW to schedule Q1 2019 DER TECH WG meetings and conduct Doodle Poll for January 2019 date	RW	End January 19	Complete
08	DER Technical Forum Record of Issues log to be updated following January’s meeting	MD/MK	Feb 12	Incomplete
09	Movement of landfill generators to be considered wrt G99 compliance	MD/MK	March 12	Incomplete
10	Review of Note 9 in the SAF in respect of excitation and governor models	SC	Feb 12	Incomplete