

Customer Islanding Workgroup

MINUTES

Meeting – Thursday 20th April 2023, 10:00 – 12:00

MS Teams Meeting

ATTENDEES	INITIAL	COMPANY
Chris McCann	CMc	ENA
Peter Twomey (Part)	PT	ENWL
Andy Hood	AH	NGED
Alan Creighton	AC	NPg
John Orr	JO	SPEN
John Smart	JS	SSE
Rebekah Pryn	RP	UKPN
Steve Mockford	SM	GTC
Jason Kirrage	JK	Solar Edge
Grieg Swanepoel	GS	Tesla

APOLOGIES

Alastair Oldfield	AO	SPEN
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MEETING NOTES AND ACTIONS

LEAD

Agenda item 1. Welcome and acceptance of agenda		CMc
<p>Members were welcomed to the meeting, and the agenda was agreed. JO offered apologies for AO and notified the group that the SPEN representation on this group will alternate between the two going forward. RP joined the group representing UKPN and a round of introductions were held for their benefit.</p>		
Actions	None	
Agenda item 2. Review of previous actions		CMc
<p>The group reviewed and agreed the minutes of the previous meeting.</p>		
Actions	None	
Agenda item 3. Legal text review		ALL
<p>A copy of the working document including proposed legal text changes was circulated for members comments prior to the meeting. All comments received were discussed in detail at each point of the document.</p> <p><u>Workgroup comments</u></p> <p>The first area of discussed was to define and agree options for the switching arrangements relating to islanded customer installations. A total of 5 options were discussed and agreed, these were:</p> <ol style="list-style-type: none"> 1. Long-term parallel operation, 2. Long-term parallel operation with Islanding Capability, 3. Infrequent short-term parallel operation, 4. Infrequent short-term parallel operation with Islanding capability, or 5. Switched alternative-only operation. <p>The working document clauses will be revised to include guidance against each of these options to provide additional clarity for each.</p> <p>There is a view that the current drafting provides an overlap in the guidance for earthing arrangements, one solution may be to develop a matrix to provide a simple reference system against each option for customer islanded installations. This would direct the user to the relevant clauses related to the specific switching arrangement selected for the installation in question. This will require further consideration before agreement. A draft matrix will be developed and discussed at a future meeting.</p> <p><u>Use of diagrams</u></p> <p>The group discussed the use of diagrams throughout the working document, JK proposed the legal text should include a set of diagrams covering both single and three phase arrangements for full and backup operation in Islanded mode. The members noted the current diagrams represent connection to a rotating machine, and this could be amended to demonstrate connections to inverter technology as an alternate.</p>		

<p>The members supported this proposal and any changes to the existing diagrams should match the general layout of G99 already in place.</p> <p><u>Resynchronisation text</u></p> <p>The placement of guidance relating to the resynchronisation procedure in EREC G99 was discussed. It was agreed that this text will be best placed into clause 14.5 of the document.</p>		
Action	Revise working document to include guidance on the 5 options agreed	
3.1	28/04/23	CMc
Action	Provide feedback on the revised working document	
3.2	12/05/23	ALL
Action	Develop earthing arrangement matrix	
3.3	28/04/23	CMc
Agenda item 4. Next steps		CMc
<p><u>EREC G99 Modifications</u></p> <p>CM provided a verbal update to the group regarding the strategic planning relating to future modifications to EREC G99 legal text. It was proposed that at the relevant time the planned modification for the minor technical modifications be included at consultation phase with the amendments planned as part of this work. This will ensure the minimum number of revisions to the document over the coming 12 months.</p> <p>SM raised another area of work relating to EREC G99 in the digitalisation space. The ENA innovation team have commenced work on digitalising the forms for EREC G98 and G99, and this work will include minor amendments to the document. CMc to arrange a meeting to discuss these changes and provide an update to the group.</p>		
Action	Provide feedback to members on the digitalisation changes to G98 / G99	
3.4	Next Meeting	CMc
Agenda item 5. AOB		CMc
<p><u>Workgroup Chair</u></p> <p>CM raised with the group the need to allocate a member to take the position of chair for the workgroup. AH kindly proposed that he was willing to step into the role and this was approved by the members.</p>		
Actions	None	
Agenda item 6. Next Meeting		CMc
<p>The next meeting was agreed at the meeting and will be held Wednesday 17th May. CMc to forward meeting invite with copy of the minutes.</p>		
Actions	None	

ACTIONS LIST

2.4	Provide feedback and propose any legal text changes to be discussed 12/04/23 – ✓	ALL
3.1	Revise working document to include guidance on the 5 options agreed 28/04/23 – ✓	CMc
3.2	Provide feedback on the revised working document 12/05/23	ALL
3.3	Develop earthing arrangement matrix 28/04/23 – ✓	CMc
3.4	Provide feedback to members on the digitalisation changes to G98 / G99 Next Meeting – ✓	CMc