

Customer Islanding Workgroup

MINUTES

Meeting – Wednesday 02 August 2023, 14:00 – 16:00

MS Teams Meeting

ATTENDEES	INITIAL	COMPANY
Andy Hood (Chair)	AH	NGED
Chris McCann	CMc	ENA
Peter Twomey	PT	ENWL
Alan Creighton	AC	NPg
Alastair Oldfield	AO	SPEN
John Smart	JS	SSE
Richard Wilson	RW	UKPN
David Hill	DH	NIE
Martin Cotterall	MC	Tesla
Jason Kirrage	JK	Solar Edge

APOLOGIES

Steve Mockford	SM	GTC
Grieg Swanepoel	GS	Tesla

MEETING NOTES AND ACTIONS

LEAD

Agenda item 1. Welcome and acceptance of agenda		CMc
Members were welcomed to the meeting, and the agenda was agreed.		
Actions	None	
Agenda item 2. Review of previous actions		CMc
The group reviewed and agreed the minutes of the previous meeting. updates on each were proved and all completed actions closed.		
Actions	None	
Agenda item 3. Update on development approach		ALL
CMc provided a verbal update to the group on developments to the legal text, a draft copy of the legal text proposals under DCRP/MP/22/02 has been collated with the text prepared so far. A draft flow chart was shared prior to the meeting for discussion.		
Actions	None	
Agenda item 4. Review of revised legal text		CMc
The group reviewed the current network arrangements for sites when operating in parallel with the DNO network. It was proposed that the process could mirror the current short term parallel processes set out in EREC G99. RW raised with the group the need to implement text into EREC G98 and G99, as there may be subtle differences in approach between HV and LV connections. Further discussions on this will be required. The members discussed the requirements in EREC G99 for Type A – D and resynchronisation of these connections. As Type B and up connection sizes require communication with the DNO before agreement to resynchronise, it may be prudent to use the break point between a HV and LV connection. This would allow customers to use Type Tested equipment at LV to island the customer's installation.		
Actions	None	
Agenda item 5. Flow chart development		ALL
The workgroup reviewed an draft flow chart designed to set out the process for islanding a customer's installation, then resynchronising to the DNO's Distribution System. The group discuss the need for time delays for the system to confirm disconnection. The group agreed that the current time settings in G99 should be utilised before introducing additional limits. AH and AC to confirm relevant switching times set out in EREC G99. The group discussed the scenario where a customer may choose to self-Island, and agreed this should be considered further in the drafting as 'Manual Operation'. Network stability is key in determining a site's self-		

<p>islanding. In this scenario a sites 'predominant role' being either demand, or generation should be considered.</p> <p>It was proposed to review DCUSA and Access SCR as a method of differentiating roles of sites with predominantly storage, vs predominantly demand. This was to ensure sites with islanding capability don't have the option to self-island when doing so could have a measurable affect on overall system stability.</p> <p>The group were in general agreement that Type B to D (in EREC G99) generation sites are outside the scope of self-islanding capabilities, and that these size connections will need to discuss islanding with their respective DNOs.</p> <p>JK raised the question of generation sites resynchronising to the DNO's system after an islanding event, it was confirmed that the current G99 requirements would be used.</p> <p>CMc asked all members to review the draft flow chart shared and provide feedback.</p>		
Action	Confirm relevant switching (protection) times set out in EREC G99	
6.1	25/08/23	AH / AC
Action	Review draft flow chart and provide feedback	
6.2	25/08/23	ALL
Agenda item 6. Review of ToR document		CMc
<p>CMc shared with the group a copy of the Terms of Reference, the group agreed the current wording "Customer Islanding of single premises" used in the document suits the aims of this modification.</p>		
Actions	None	
Agenda item 7. Timeline update		CMc
<p>A verbal update was provided on the predicted timeline for this work and consequential modifications planned in the future that may depend on the completion of this work before proceeding.</p>		
Actions	None	
Agenda item 8. AOB		CMc
<p>None Raised.</p>		
Actions	None	
Agenda item 9. Next Meeting		CMc
<p>CMc to poll members for a follow up meeting.</p>		
Action	Poll members for next meeting	
6.3	07/08/23	CMc

ACTIONS LIST

3.2	Provide feedback on the revised working document Ongoing	ALL
5.2	Raise inverter connection diagram with DER TF for input Next DER TF Meeting	CMc
5.3	Provide set of switching requirements to include in revised flow chart 25/07/23	PT
6.1	Confirm relevant switching (protection) times set out in EREC G99 25/08/23	AH/AC
6.2	Review draft flow chart and provide feedback 25/08/23	ALL
6.3	Poll members for next meeting 07/08/23 – ✓	CMc