

EREC G94 Initial Discussions

MINUTES

Meeting – Monday 22nd July 2024, 14:00 – 15:00

MS Teams Meeting

ATTENDEES	INITIAL	COMPANY
Nataliia Myrhorodska	NM	ENA
Seth Treasure	ST	NGED
Paul Dynes	PD	SPEN
Peter Twomey	PT	ENWL
Stephen Tucker	STu	UKPN
Steve Mockford	SM	GTC
Matthew Brown	MB	NPg
Richard Parke	RP	Threepwood

APOLOGIES

Alan Creighton	AC	NPg
John Mason	JM	UKPN
Michael Burgan	MB	SPEN

MEETING NOTES AND ACTIONS

LEAD

Item 1 Welcomes and acceptance of agenda		NM
Members were welcomed to the meeting and the agenda was agreed.		
Actions	None	
Item 2 Review actions from previous meeting		NM
<p>Previous completed actions were agreed and closed.</p> <p>SM clarified where on the legislation indicated about 10 m separation value.</p> <p>STu told the WG about the Dr Rob Weller (Electrical Investigation Ltd.) work for UKPN related General Principles for Separation. This document is summarising general principles for separation of earthing systems and intended to bring clarification on separation value in EREC G94.</p> <p>STu will circulate the document among the members as issued.</p>		
Actions 2.1	To circulate the General Principles for Separation distance among WG <u>Post meeting note – done.</u>	STu
Item 3 Threepwood introduction to the EREC G94 development		RP/ALL
<p>RP asked the WG on what stage of technical consideration the document is and how close it is to completion.</p> <p>STu believes that AC made a considerable progress on EREC G94 document, but it is still based on an old document and flowchart. The WG had most discussion on the scenarios document which is a good example, but principles included separations distance, earthing system and interconnections should be underlined in the recommendations.</p> <p>The WG agreed that in general we should use agnostic approach except FFS case.</p> <p>The Association for Petroleum and Explosives Administration (APEA) and the Institution of Engineering and Technology (IET) is working on drafting a Supplement to the Code of Practice for Electric Vehicle Charging Equipment Installation. The timelines are not clear, but this document should be considered in the recommendations as it can provide clarity on safety issues at the FFS.</p> <p>PT advised to justify in the recommendations the rules of principal technical requirements when second supply is provided. It was agreed to make sure that DNO can fairly to determine if the requested secondary supply is meeting the rules.</p> <p>ST paid attention in case of different NOs on the premises. The identification from all available NO's must be given in place to make safe and sensible interconnection.</p> <p>AC has developed the drawings defining the term "Premises." This drawing was not revised by WG. Needs further discussion.</p> <p>The table (paragraph 5 EREC G94 - Risks Associated with Providing Supplies to Adjacent Premises) developed by AC include the interpretation of main principles and navigate the Customers how to apply for secondary connection. The WG to review the table and re defined terms etc.</p>		

Actions	See Action 9.2 See Action 9.3 See Action 9.4	ALL
Item 4	Update on ECA call	NM
<p>NM provided the WG with update on ECA call. The Electrical Contractors' Association faced with industry problem related providing Multiple LV supplies in buildings.</p> <p>ECA have been informed by Members that applications for multiple LV supplies into buildings can be difficult. This is due to a lack of clarity on the guidance on the DNO websites.</p> <p>There are other considerations that are often not referenced, such as:</p> <ul style="list-style-type: none"> • Buildings where multiple units have been combined into a single unit and multiple LV supplies have merged; • The addition of extra loads for heat pumps, EVs and etc; • Firefighting and life safety systems are often designed based on a fault in the building, not on the HV network. <p>The WG believes that future EREC G94 is intended to bring more clarity on the issues listed above and will set a framework that will work for the Customers.</p> <p>The ECA representatives are welcome to participate in a consultation stage process of guidance development.</p>		
Action	None	
Item 5	Update on IET / APEA call	ST
<p>ST provided the WG with update on IET / APEA call. Gareth Bourhill from APEA has sent Statutory Duties on the FFS. It was mentioned if NO's is operated on a legal curtilage of site the last should follow the APEA rules.</p> <p>WG agreed that EREC G94 might comprise rules from a supplement to the Code of Practice for Electric Vehicle Charging Equipment Installation for keeping fundamental principles to APEA as annex to the document.</p>		
Action 5.1	To read the materials that Gareth Bourhill from APEA has sent and to decide which information can be useful for EREC G94 Next meeting	ALL
Item 6	Finalization of a draft flow chart for domestic premises	ALL
<p>As has been stated the flowchart for commercial premises and flowchart for domestic premises quite similar. WG agreed while the document is being drafted to have two flowcharts available. When all principles will be agreed to decide if we need keep both flowcharts.</p>		
Action 6.1	To circulate the latest version of flowcharts	STu

	<u>Post meeting note – done.</u>	
Item 7	Finalization of the scenarios document	ST
The scenarios were discussed in detail at the meeting held on 29 th May, so at this meeting the WG did not discuss it. SM advised to number the scenarios.		
Actions	See Actions 9.4	ST
Item 8	Discussion on the EREC G94 document	ALL
See item 3.		
Actions	See Item 9.2, 9.3, 9.4.	ALL
Item 9	Next steps	ALL
Next steps were agreed: <ul style="list-style-type: none"> - To create a folder in the ENA SharePoint and circulate among the members for join use; - Review AC comments on the EREC G94 document and sent to ENA in any convenient form; - To review and agree the Premises drawings produced by AC for further inclusion in the document; - To review the table and re defined terms etc in the draft EREC G94 paragraph 5 - Risks Associated with Providing Supplies to Adjacent Premises; - To streamline the scenarios document - <u>Post meeting note – done;</u> - To keep updated the flowcharts; - Threepwood to go through all received information and choose the best way for interaction. 		
Actions 9.1	To create a folder in the ENA SharePoint and circulate among the members for join use 27.08.2024	NM
Actions 9.2	Review AC comments on the EREC G94 document 13.09.2024	ALL
Actions 9.3	To review and agree the Premises drawings produced by AC 13.09.2024	ALL
Actions 9.4	To review the table and re defined terms etc in the draft EREC G94 paragraph 5 - Risks Associated with Providing Supplies to Adjacent Premises 13.09.2024	ALL
Actions 9.5	To streamline the scenarios document - <u>Post meeting note – done;</u> 13.09.2024	ST
Actions 9.6	To keep updated the flowcharts; Next meeting	JM/STu Threepwood

Actions 9.7	Threepwood to go through all received information and choose the best way for interaction 13.09.2024	
Item 10	AOB	CMc
None were raised.		
Actions	None	
Item 11	Next Meeting	CMc
The next meeting will be arranged according to the achievements, approximately mid-July.		
Actions 11.1	Review timing and arrange the next meeting	NM

ACTIONS LIST

2.1	To circulate the General Principles for Separation distance among WG <i>Post meeting note – done.</i>	STu
5.1	To read the materials that Gareth Bourhill from APEA has sent and to decide which information can be useful for EREC G94 Next meeting	ALL
6.1	To circulate the latest version of flowchart <i>Post meeting note – done.</i>	STu
9.1	To create a folder in the ENA SharePoint and circulate among the members for join use 27.08.2024	NM
9.2	Review AC comments on the EREC G94 document 13.09.2024	ALL
9.3	To review and agree the Premises drawings produced by AC 13.09.2024	ALL
9.4	To review the table and re defined terms etc in the draft EREC G94 paragraph 5 - Risks Associated with Providing Supplies to Adjacent Premises 13.09.2024	ALL
9.5	To streamline the scenarios document - <i>Post meeting note – done;</i> 13.09.2024	ST
9.6	To keep updated the flowcharts; Next meeting	JM/STu
9.7	Threepwood to go through all received information and choose the best way for interaction 13.09.2024	Threepwood
11.1	Review timing and arrange the next meeting	NM