

## EREC G94 Initial Discussions

### MINUTES

Meeting – Tuesday 25<sup>th</sup> July 2023, 14:00 – 16:00

### MS Teams Meeting

ATTENDEES	INITIAL	COMPANY
Chris McCann	CM	ENA
Seth Treasure	ST	NGED
Alan Creighton	AC	NPg
Graeme Vincent	GV	SPEN
Steve Mockford	SM	GTC

### APOLOGIES

Andy Hood	AH	NGED
Peter Twomey	PT	ENWL

**MEETING NOTES AND ACTIONS**

**LEAD**

<b>Item 1 Welcomes and acceptance of agenda</b>		<b>CM</b>
<p>Members were welcomed to the discussion and introductions made for newly joining members. The agenda was then reviewed and accepted.</p>		
<b>Actions</b>	None	
<b>Item 2 Review of previous actions</b>		<b>CM</b>
<p>The group discussed each action from the previous discussion. All actions were closed.</p>		
<b>Actions</b>	None	
<b>Item 3 Review of draft scope</b>		<b>ALL</b>
<p>The meeting discussed the revised draft scope and any references to IDNO in the text, it was agreed that if an EREC is developed the term 'DNO' will represent both DNOs and IDNOs.</p> <p>It was proposed that if developed the EREC should provide guidance on when a secondary supply can be considered as 'reasonable', the principles should set out a 'best practice' for all GB DNOs.</p>		
<b>Actions</b>	Revise draft scope to include reasonable secondary supply requests <b>25/08/23</b>	AC
<b>Item 4 Existing guidance discussion</b>		<b>ALL</b>
<p>It was proposed that clarity on the use of the terms 'site' 'building' and 'premises will need to be defined as these have legal connotations across industry guidance documents, and clarity on each will be required.</p> <p>DNOs have design philosophy documents which set out requirements for secondary supplies to a customer, it was agreed that to further develop this work a copy of each member's relevant guidance should be collated for consideration.</p> <p>SM noted that the INA have produced ETSC_DES_001_Low-Voltage-Design-Policy. This guidance document needs to be considered. The document should refer to EREC P5 where suitable.</p> <p>It was proposed that members review the collated guidance document and each provide a set of best practice guidance to be considered at a future meeting.</p>		
<b>Actions</b>	Collate design philosophy documents and circulate for consideration <b>04/08/23</b>  Provide set of Best Practice guidance from collated information <b>25/08/23</b>	CM  ALL
<b>Item 5 Elements for G94 guidance</b>		<b>ALL</b>

Perceived risks

The meeting discussed and agreed that if an EREC is developed, a section setting out the perceived risks and mitigating circumstances of providing secondary supplies should be listed.

The group discussed ownership concerns for secondary supplies, will consider further when a DNO, or Customer should take ownership of the perceived risks as this could differ dependant on the scenario.

When a customer is requesting a secondary supply for capacity reasons, this needs to be assessed against the economic aspects set out in the Code.

Voltage ranges

The members discussed the voltage ranges to be considered, there is guidance in existing documents for LV and HV supplies to Multiple Occupancy Buildings, and group agreed that where possible references to existing documents would be the preferred approach.

The group did discuss a range of scenarios where different supply voltages could be requested and compared each member's approach to these scenarios. One point of discussion was if a 'site' has differing voltage levels then the regulations for each will need to be prioritised on a case by case basis.

Earthing arrangements

The group discussed the benefit of providing examples of the common earthing arrangements and proposed that the document could follow the arrangement of ERC G12 in providing examples and guidance on each.

DNO concerns regarding the connection of Bonding within different types of structures (brick-built vs steel frame) were discussed, further consideration will be required.

Isolation

The meeting discussed approaches to isolation employed when provided secondary supplies, these vary from Fireman switches, to locating the supplies adjacent to one another, and are dependent on the installation type and location of each connection point. One common area is a requirement for adequate signage to aid in the isolation process.

<b>Actions</b>	Provide draft example scenarios of supply separation for consideration <b>25/08/23</b>	ST
<b>Item 6</b>	<b>AOB</b>	<b>CM</b>
<p><u>Multiple connections to a site from a DNO/IDNO</u></p> <p>Discussed elements throughout the meeting.</p> <p><u>Multiple connections to fuel stations</u></p> <p>ST raised the guidance provided in the 'Blue Book' for filling stations as a reference for further guidance. CM to circulate a copy to the members for reference.</p>		
<b>Actions</b>	Circulate copy of the Blue Book for filling stations <b>25/08/23</b>	CM
<b>Item 7</b>	<b>Next meeting</b>	<b>CM</b>

At the meeting it was agreed to hold a follow up discussion Tuesday 5<sup>th</sup> September. CM to forward invites.

<b>Actions</b>	None	
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**ACTIONS LIST**

<b>2.1</b>	Revise draft scope to include reasonable secondary supply requests <b>25/08/23</b>	AC
<b>2.2</b>	Collate design philosophy documents and circulate for consideration <b>04/08/23 – ✓</b>	CM
<b>2.3</b>	Provide set of Best Practice guidance from collated information <b>25/08/23</b>	ALL
<b>2.4</b>	Provide draft example scenarios of supply separation for consideration <b>25/08/23 – ✓</b>	ST
<b>2.5</b>	Circulate copy of the Blue Book for filling stations <b>25/08/23 – ✓</b>	CM