

## EREC P28 DNO Workgroup

### MINUTES

Meeting – Wednesday 7<sup>th</sup> June 2023, 14:00 – 16:00

### MS Teams Meeting

ATTENDEES	INITIAL	COMPANY
Chris McCann	CMc	ENA
Peter Twomey	PT	ENWL
Simon Scarbro	SS	NGED
Forooz Ghassemi	FG	NGET
Joseph Western	JW	NPg
Milana Plecas	MP	SPEN
Saad Khan	SK	GTC

### APOLOGIES

Zivanayi Musanhi	ZM	UKPN
------------------	----	------

**MEETING NOTES AND ACTIONS**

**LEAD**

<b>Agenda item 1. Welcome and acceptance of agenda</b>		<b>CMc</b>
Members were welcomed to the meeting and agreed the meeting agenda items.		
<b>Actions</b>	None	
<b>Agenda item 2. Review of previous actions</b>		<b>CMc</b>
Members reviewed the actions from the previous meeting and discussed the progress/result of each in turn. The minutes were then approved on this basis.		
<ul style="list-style-type: none"> <li>The current actions 4.1 and 4.2 are directly linked so it was agreed to collate these into a single action, see 5.1 below.</li> <li>FG continuing to liaise with NGENSO on frequency data sets.</li> <li>SS proposed data sets should be used to model the effects of frequency service sites.</li> <li>Members confirmed any network studies would not be carried out by the DNO however did support studies being conducted.</li> </ul>		
<b>Action 5.1</b>	Provide update and any relevant data from 11kV connection developer <b>Q3 2023</b>	<b>SS</b>
<b>Agenda item 3. Review of draft responses</b>		<b>All</b>
<p>A set of Stakeholder comments on the current drafting of EREC P28 requirements along with draft responses from members were discussed and reviewed. Members discussed P28 applications for BESS sites and what elements would apply given BESS provides pre-fault services. Members were in general agreement with this position.</p> <p>Step voltage and flicker were discussed from the stakeholder's perspective as this is seen by them as a hurdle to achieving connection to the distribution system. For connectees the 3% value is impeding their flicker assessments, P28 does not consider the operation of multiple sites, but for DNOs coincidence must be considered. It was agreed that the ETR will include guidance on the reasons why a change to the 3% value should not be considered suitable.</p> <p>The workgroup reviewed the three frequency service contracts a generator may enter into, and the relevance of each services given they occur either pre or post fault conditions,</p> <ol style="list-style-type: none"> <li>Dynamic Moderation Pre-fault</li> <li>Dynamic Regulation Pre-fault</li> <li>Dynamic Containment Post-fault</li> </ol> <p>The ETR should provide guidance on moderation and regulation services as these operate under pre-fault conditions.</p> <p>EREC P28 references to international standards was discussed, it was agreed that EREC P28 does refer to international standards, but not a direct copy of these standards. This will be referred to in the ETR.</p>		
<b>Action 5.2</b>	Circulate set of proposed responses to stakeholder comments <b>16/06/23</b>	<b>CMc</b>

<b>Action</b> <b>5.3</b>	Provide feedback on drafting to each response <b>07/07/23</b>	ALL
<b>Agenda item 4. EREP drafting</b>		<b>CMc</b>
<u>General Discussion</u> The workgroup discussed the drafting ETR guidance. It was requested that a draft set of clause titles be produced for members to review before any guidance is drafted. CMc to collate and share with members for feedback. There was a proposal to divide the ETR across two main areas, first address the customer requirements to meet DNO assessment criteria, the second providing guidance on compliance with EREC P28.		
<u>NGESO Engagement</u> CMc confirmed plans to engage with NGESO for representation on the workgroup and will continue to engage and provide feedback to the workgroup.		
<b>Action</b> <b>5.4</b>	Provide members a set of proposed ETR clause titles <b>16/06/23</b>	CMc
<b>Action</b> <b>5.5</b>	Provide feedback/ proposals on additional clauses required <b>07/07/23</b>	ALL
<b>Agenda item 5. ToR review</b>		<b>CMc</b>
A copy of the ToR was circulated prior to the meeting. comments received proposed the original Terms of Reference be revised with a focus on the development of an ETR, rather than the original aim of assessing EREC P28 requirements in-line with the workgroup's decision. A revised version will be drafted and circulated for further development.		
<b>Action</b> <b>5.6</b>	Draft second version of workgroup ToR <b>16/06/23</b>	CMc
<b>Action</b> <b>5.7</b>	Provide comments on ToR document <b>07/07/23</b>	ALL
<b>Agenda item 6. Next steps</b>		<b>CMc</b>
CMC provided high-level plan for progressing this modification which members were in support of.		
<b>Actions</b>	None	
<b>Agenda item 7. AOB</b>		<b>CMc</b>
<u>System modelling for BESS</u> Members discussed the current modelling approaches used in customer studies. (EMTP vs RMS models)		

<p>It was proposed to include in the technical report minimum acceptable values for applicants to obtain satisfactory results from the DNO.</p> <p>These values should mimic the control system on the hardware. And including this in the report would provide the additional clarity called for by Stakeholders.</p>		
<b>Actions</b>	None	
<b>Agenda item 8.</b>	<b>Next meeting</b>	<b>CMc</b>
<p>Members agreed the next meeting will be held Wednesday 19<sup>th</sup> July, CMc to circulate invites.</p> <p>CMc did propose once drafting has commenced an in-person meeting be held to further develop the document. Members were supportive of this proposal.</p>		
<b>Actions</b>	None	

**ACTIONS LIST**

<b>1.1</b>	Propose nominations for workgroup chair. <b>Ongoing</b>	ALL
<b>3.3</b>	Engage with Stakeholders at the next ENA led BESS workgroup. <b>Q3 2023</b>	CMc
<b>5.1</b>	Provide update and any relevant data from 11kV connection developer <b>Q3 2023</b>	SS
<b>5.2</b>	Circulate set of proposed responses to stakeholder comments <b>16/06/23 – ✓</b>	CMc
<b>5.3</b>	Provide feedback on drafting to each response <b>07/07/23 – ✓</b>	ALL
<b>5.4</b>	Provide members a set of proposed ETR clause titles <b>16/06/23 – ✓</b>	CMc
<b>5.5</b>	Provide feedback/ proposals on additional clauses required <b>07/07/23 – ✓</b>	ALL
<b>5.6</b>	Draft second version of workgroup ToR <b>16/06/23 – ✓</b>	CMc
<b>5.7</b>	Provide comments on ToR document <b>07/07/23 – ✓</b>	ALL