

## EREC P28 DNO Workgroup

### MINUTES

Meeting – Wednesday 19<sup>th</sup> July 2023, 14:00 – 15:45

### 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
Zivanayi Musanhi	ZM	UKPN
Saad Khan	SK	GTC

### APOLOGIES

None

**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 closed all completed. The minutes were then approved on this basis.		
<b>Actions</b>	None	
<b>Agenda item 3. EREP discussions</b>		<b>ALL</b>
<p>SS shared with the group a revised set of revised proposed clauses. Feedback from the group was positive, the general layout follows that in Engineering Technical Report (ETR) 122 issue 2, currently under development. It was proposed to develop the guidance document with sections which, overtime could house guidance clauses should they be re-considered for inclusion in EREC P28. The group were supportive of this approach.</p> <p><u>Review of EREP clauses</u></p> <p>The workgroup began by discussing how the content of the first few sections in the EREP should be laid out, these will cover elements of EMC and voltage fluctuation; it was agreed that these sections will be explanatory in nature.</p> <p>The workgroup discussed if a background section setting out the background evolution of previous iterations of P28 would be beneficial. The group agreed the main purpose of the ETR will be to provide clarity on the RVC limits when moving from step voltage to steady state voltage.</p> <p>The clauses document will be developed to include initial points on each section to define the guidance provided. GE to revise and circulate for member feedback.</p> <p>The group discussed the stakeholder enquiry responses and agreed that the feedback provided should be included into the EREP and for consistency written into the Terms of Reference document. CMc to update the ToR.</p> <p>SS agreed to further revise the draft stakeholder responses for further discussion.</p> <p><u>Annex material</u></p> <p>The ETR should provide guidance on moderation and regulation services as these operate under pre-fault conditions within the scope of P28 guidance.</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 approach will be reflected to in the ETR.</p>		
<b>Action 6.1</b>	Develop ETR clause document to provide information on each section <b>25/08/23</b>	<b>GE</b>

<b>Action</b> <b>6.2</b>	Members to provide feedback on revised clauses document <b>08/09/23</b>	ALL
<b>Action</b> <b>6.3</b>	Draft providing stakeholder feedback into the ToR document <b>11/08/23</b>	CMc
<b>Action</b> <b>6.4</b>	Revise Stakeholder response document <b>25/08/23</b>	SS
<b>Agenda item 4. High level structure and content</b>		<b>CMc</b>
<p>The workgroup acknowledged that P28 provides guidance on the ‘Point of Common Coupling’ to the network, and that specific Network Operator documents include guidance with respect to coincidence swings of multiple sites. It would be beneficial to include coincidence swing guidance into the ETR though this is not within scope of EREC P28 due to specific network arrangements for each DNO.</p> <p>The group considered requesting BESS operators to demonstrate a cycle of their operating modes to ensure compliance and safe operation while connected to the Distribution System. This will include;</p> <ul style="list-style-type: none"> <li>• Import and export at half power</li> <li>• Import and export at full power</li> </ul> <p>For compliance with P28 BESS sites moving from full import to full export need to stay within the 3% limit, however if the state of charge is unknown this could result in a breach of the agreed limits.</p> <p>The workgroup will engage with battery operators to supply operational data at different states of charge (full import to full export etc to develop accurate guidance. SS to develop initial text and members to provide feedback.</p> <p>The workgroup discussed what level of data is available for connected sites operating response services. The DNOs would benefit from visibility of the connected equipment providing each response service. PT noted that information may be available at GSP level and offered to engage with NGENSO for viability of the data.</p>		
<b>Action</b> <b>6.5</b>	Engagement with BESS parties for operational data request <b>28/07/23</b>	ALL
<b>Action</b> <b>6.6</b>	Members to provide input on data request <b>11/08/23</b>	ALL
<b>Action</b> <b>6.7</b>	Engage with NGENSO for Response contract data <b>25/08/23</b>	PT
<b>Agenda item 5. Next steps</b>		<b>CMc</b>
<p>A Revised ToR will be developed and shared, engagement with BESS parties on the request for operational data will be pursued and the ETR clauses document will be further developed.</p>		
<b>Actions</b>	None	

Agenda item 6. AOB		CMc
None raised.		
<b>Actions</b>	None	
Agenda item 7. Next meeting		CMc
Members agreed the next meeting will be held Thursday 21 <sup>st</sup> September at ENA Offices, CMc to arrange.		
<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>6.1</b>	Develop ETR clause document to provide information on each section <b>25/08/23 – ✓</b>	GE
<b>6.2</b>	Members to provide feedback on revised clauses document <b>08/09/23</b>	ALL
<b>6.3</b>	Draft providing stakeholder feedback into the ToR document <b>11/08/23 – ✓</b>	CMc
<b>6.4</b>	Revise Stakeholder response document <b>25/08/23 – ✓</b>	SS
<b>6.5</b>	Engagement with BESS parties for operational data request <b>28/07/23</b>	ALL
<b>6.6</b>	Members to provide input on data request <b>11/08/23</b>	ALL
<b>6.7</b>	Engage with NGESO for Response contract data <b>25/08/23</b>	PT