

10/05/2023

JGCRP Meeting

10 May 2023



Introduction

1. **Introduction: 10 minutes**
 - a. Welcome Members;
 - b. Minutes and Actions from [Previous Meeting](#) (go to 09 November 2022).
1. **Discussion: 10 minutes**
 - a. DSU Definition Modification;
1. **Updates: 20 minutes**
 - a. Synchronous Condenser Implementation Note;
 - b. Grid Code Implementation of ESPS (Energy Storage Power Stations) (All-Island);
 - c. CRU;
 - d. Utility Regulator.
1. **AOB. 5 minutes**



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Individual Demand Site Agreements and associated definitions.

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Changes to the Individual Demand Site Definition and a new definition for respective agreement

- The Individual Demand Site Definition has been expanded to include System Operator Interface Agreements.
- A new definition for the Demand Side Unit Operator System Operator Interface Agreements has been defined.
- Approach:
 - Demand Side Unit Operator System Operator Interface Agreements has been in use for several years;
 - Formalise the use of these agreements as well as clarifying the contents;
 - Provides linkages between Individual Demand Site to the agreements.

Changes to the Individual Demand Site Definition and a new definition for respective agreement

EirGrid:

Individual Demand Site	<p>A single premises of a Demand Customer connected to the Transmission System or a DSO Demand Customer connected to the Distribution System with a Demand Side Unit MW Capacity.</p> <p>Where the Individual Demand Site forms a Demand Side Unit or is part of an Aggregated Demand Site of which Demand Side Unit Operator has entered into a Demand Side Unit Operator System Operator Interface Agreement with the TSO with respect to that premises.</p>
Demand Side Unit Operator System Operator Interface Agreement	<p>The bilateral agreement between the TSO and the Demand Side Unit Operator, which contains the detail specific to the Individual Demand Site(s).</p>

Changes to the Individual Demand Site Definition and a new definition for respective agreement

SONI:

Individual Demand Site	<p>A single premises of a Demand Customer connected to the Transmission System or a DNO Demand Customer connected to the Distribution System with a Demand Side Unit MW Capacity.</p> <p>Where the Individual Demand Site forms a Demand Side Unit or is part of an Aggregated Demand Site of which Demand Side Unit Operator has entered into a Demand Side Unit System Operator Interface Agreement with the TSO with respect to that premise.</p>
Demand Side Unit System Operator Interface Agreement	<p>The bilateral agreement between the TSO and the Demand Side Unit Operator, which contains the detail specific to the Individual Demand Site(s).</p>

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Synchronous Condenser Update

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Grid Code Implementation of ESPS (Energy Storage Power Stations) (All-Island)

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Grid Code Implementation of ESPS (Energy Storage Power Stations) (All-Island)

- Purpose of these modification proposals are to incorporate the Grid Code elements of the Battery ESPS Grid Code Implementation Note v3 into both SONI and EirGrid Grid Codes.
- These proposals were brought forward to the JGCRP on the 9th of November 2022.
- For SONI, the proposed modifications went to consultation as per Grid Code process.
- For EirGrid, additional time was requested by the Energy Storage representative to review the proposed modification and a period of 2 weeks was agreed.
- Feedback was received on both proposed SONI and EirGrid Grid Code modifications, and discussions took place on items raised by industry.
 - SONI specific: Some minor changes to wording on CC.S2.1.3.2 and some rewording of two definitions. Also, some minor edits were made to the PPM Setting Schedule.
 - EirGrid specific: Some minor changes to wording on PPM1.5.2.2 and PPM1.6.3.1 (b) to enhance clarity.

Grid Code Implementation of ESPS (Energy Storage Power Stations) (All-Island)

- For both SONI and EirGrid, one of the more significant changes made was to the Capacity Limited Ramp Rate.
- The original proposal, as per the Implementation Note, set the requirement whereby it shall be possible to vary the Capacity Limited Ramp Rate over a range between **1% and 100% of Registered Capacity per minute**.
- After discussions, this proposal sets out a revised requirement with the new values at.
 - **Minimum value shall be the lower of 10% Registered Capacity per minute or 5MW per minute. If 5MW is lower than 1% of Registered Capacity, then the minimum value shall be 1% of Registered Capacity per minute.**
 - **Maximum value shall be 100% of Registered Capacity per minute.**
- We have also agreed to review this requirement 6 months after UR and CRU approval if requested by either of the TSOs or Industry.
- Additional guidance/information previously included in the Implementation Note will remain available on both SONI and EirGrid websites.

Updates

1. CRU Update
2. Utility Regulator Update



AOB

Meeting Minutes will be issued by 24 May 2023