

Ireland Grid Code Review Panel #2 2021

Welcome to all members

20 July 2021

Agenda

1. INTRODUCTION: 15 MINS

1. Welcome to Members
2. Minutes and Actions from [Previous Meeting](#) (23 March 2021)

2. MODIFICATION PROPOSALS: 20 MINS

1. MPID 296 Correction of Wind Powered Controllable PPMs (10 mins)
2. MPID 278 Correction of Reactive Power Capability Requirements (10 mins)

3. DISCUSSION ITEM: 10 MINS

1. Proposed modifications to the Ireland GCRP Constitution and a draft modification proposal to the Grid Code (10 mins)

4. UPDATES: 15 MINS

1. Grid Code Derogations Update (5 mins)
2. Energy Storage Implementation Update (5 mins)
3. CRU Update (5 mins)

5. AOB 5 MINS

MPID 296 Correction of Wind Powered Controllable PPMs

Niamh Daly
EirGrid

Correction of Wind Powered Controllable PPMs

- MPID 276d included several housekeeping modification proposals. One of these proposals was the replacement of “WFPS” with “PPM”.
- The replacement of “WFPS” with “PPM” has caused errors in a number of clauses in the Grid Code, where requirements for wind-powered PPMs are different from other types of PPMs.
- This proposal is to correct this error by the addition of the term “wind-powered” where required.

Correction of Wind Powered Controllable PPMs

Affected Clauses:

- PPM1.7.1.2.1;
- PPM1.7.1.2.2;
- PPM1.7.1.2.3;
- PPM1.7.1.2.4;
- PPM1.7.1.3.1;
- PPM1.7.1.3.2;
- PPM1.7.1.3.3; and
- PPM1.7.1.3.4

Sample Modified Clause:

PPM1.7.1.2.1 **Wind-powered Controllable PPMs** with a **MEC** in excess of 10 MW shall make the following meteorological data signals available at the designated **TSO Telecommunication Interface Cabinet** for that **Controllable PPM**:

- | | <u>[Units, Range]</u> |
|--|-----------------------|
| (a) Wind speed (at hub height or as agreed with the TSO) - measurand signal; | [m/s, 0-70] |
| (b) Wind direction (at hub height or as agreed with the TSO) - measurand signal; | [deg, 0-360] |
| (c) Air temperature- measurand signal; | [deg C, -40-70] |
| (d) Air pressure- measurand signal. | [mBar, 735-1060] |

Correction of Wind Powered Controllable PPMs

Questions

MPID 278 Correction of Reactive Power Capability Requirements

Miriam Ryan

EirGrid

Correction of Reactive Power Capability Requirements

- July 2020 - presented to GCRP and subsequently submitted to CRU for approval;
- Aug 2020 – issue with 400 kV requirements identified by GCRP member;
- Oct 2020 – following further discussions with GCRP member, the recommendation paper is formally withdrawn;
- MPID 278 has now been revised:
 - The requirements for 110 kV and 220 kV are as per the original proposal;
 - The requirements for 400 kV will remain as per the existing Grid Code requirements.

Correction of Reactive Power Capability Requirements

Questions?

Discussion Item Only

**Proposed modifications to the Ireland GCRP Constitution and
a draft modification proposal to the Grid Code**

Arlene Chawke

EirGrid

Replacing some terms

Old Term	New Term	We propose...
Chairman	Chairperson	Replace the term Chairman with the term Chairperson throughout the document.
Commission	CRU	Replace the term Commission with the acronym CRU. The CER changed its name to the CRU in 2017 to better reflect the expanded powers and functions of the organisation. This name change is reflected in the Grid Code.
Amendments	Modifications	Replace the term Amendments with the term Modifications in order to align the terminology used when we discuss modifications to the Grid Code. We propose and recommend modifications to the Grid Code.
Secretariat	Secretary	Replace the term Secretariat to the term Secretary to ensure the language used in this document is consistent.
Parties	Constituents	Replace the term Parties with the term Constituents to ensure the language used in this document is consistent.

Definitions and Interpretations

- We propose to include 'Energy Storage Unit' in the definitions section and in the membership section.
 - Tom Birney from Statkraft is the current representative.
- We propose to explicitly including solar in the definition of Non-Synchronous Renewable Generators.

The Chairperson – Section 7.5

- We propose that the Chairperson has the power to regularly review the membership of the panel to ensure:
 - it accurately represents connections to the Transmission System;
 - every type of user is properly represented on the panel.



The Secretary – Section 8.4

- We propose adding ‘on-line meetings’ to this section.



Notice Periods

No. of business days	Section	Action
25 business days	13.6	The chairperson or any other member may request further meetings.
No less than 20 business days (excluding the day of notice and the day of the meeting)	13.1	Notice of the meeting date is given by the secretary to the members.
No less than 15 business days (excluding the day of issue and the day of the meeting)	13.2	Members can submit a proposed modification to the secretary for inclusion on the meeting agenda.
No less than 10 business days (excluding the day of issue and the day of the meeting)	13.3	The secretary will issue the agenda and modification proposals in advance of the meeting.
No less than 5 business days (excluding the day of submission and the day of the meeting)	13.4	A member may request additional discussion items to be added to the meeting agenda.



Meetings – section 13

- We propose modifying section 13.6 to allow for online meetings.



Grid Code clause GC.7.1

- A discussion item only.
- Change the term 'amendments' to 'modifications.'
- Align clause GC.7.1 to section 13.3 of the constitution.
 - sets out the notice required for the issue of the agenda and proposed modifications;
 - include the reference to 'Business Days' as in keeping with the constitution and to what we do in practice;
 - include the 'exclusion' of the day the notice is issued and the day of the meeting. This is what we do in practice.



Next Steps

- We welcome feedback gridcode@eirgrid.com
- Present final draft of the revised constitution at next panel meeting before we issue to the CRU.
- Present a proposed Grid Code modification to clause GC.7.1 at the next panel meeting.



Questions?

Grid Code Derogations Update

Miriam Ryan

EirGrid

Derogations

Total:

- Under TSO Assessment 204
- With CRU for Review 97

Since March 2021:

- Approved by CRU 2
- Recommendation sent to CRU 2
- Submitted to TSO 6

Grid Code Derogations Update

Questions

Energy Storage Implementation Update

Energy Storage Implementation Update

Questions

Dylan Ashe – CRU Update

Questions

AOB

Draft Minutes will be issued by COB 03 August