

Approved Minutes of the EirGrid Grid Code Review Panel (GCRP) Meeting

24 Sept 2024

Member Attendance:

Constituent	Member	Attendance	Panel
Chair	Miriam Ryan	Y	EirGrid
TSO			EirGrid
TSO	Melissa Dunne	Y	EirGrid
TSO	Michael Coone	Y	EirGrid
CCGT	Mark Lucas Oliver Caherty	Y	EirGrid
Thermal Generators	Jennifer Geraghty	N	EirGrid
Thermal Generators	Michael McCormack	Y	EirGrid
Fast Acting Peaking Generators	Mostafa Bakhtvar	Y	EirGrid
Synchronous Renewable Generators	Cahir O'Neill	Y	EirGrid
Pumped Storage Generators (PSG)	Paraic Higgins	Y	EirGrid
Non-Synchronous Renewable Generators	Peter King	Y	EirGrid
Non-Synchronous Renewable Generators	Kevin Moran	N	EirGrid
	Thomas O'Sullivan		EirGrid
Demand Customers	Gavin McClean	Y	EirGrid
Demand Side Units (DSU)	Paul Troughton	Y	EirGrid
Demand Side Units (DSU)	Vlastik Buzek	Y	EirGrid
Energy Storage Units (ESPS)	Tom Birney	Y	EirGrid
	Tony Hearne		EirGrid
Distribution System Operator (DSO)	John Whelen	Y	EirGrid
Public Electricity Supplier (PES)	Mark Phelan	Y	EirGrid
Independent Electricity Suppliers	Open Position		EirGrid
			EirGrid
CRU	Payal Soni	Y	EirGrid
	Cormac Fitzpatrick		EirGrid
Transmission Asset Owner Licensee (TAO)	Jessica Hutton	N	EirGrid
Market Operator (MO)	Sorcha Dineen	Y	EirGrid
Other TSO			EirGrid
	Niamh Daly		EirGrid
Interconnector Owners	Jonathan Ruddy	Y	EirGrid
	Daniel Moloney		EirGrid
Solar Generators	Hariram Subramanian	Y	EirGrid
Offshore Non-Synchronous Generators	TBC		EirGrid
Synchronous Condenser Units (SCU)	Cahir O'Neill	Y	EirGrid

Other Attendees:

Name	Present	Role	Panel
Arlene Chawke	Y	TSO Secretary	EirGrid
Aideen O'Hagan	Y	Observer	EirGrid
Deirdre Hughes	Y	Presenter	EirGrid
Ngari Lewis	Y	Presenter	CRU

Patrick Liddy	Y	DSU Alternate	DRAI
Ciaran Maguire	Y	Presenter	EirGrid
Athar Khan	Y	Observer	EirGrid

1. Introduction to Ireland GCRP Meeting & Approval of Minutes

- a) Miriam Ryan (Chairperson) welcomed all members, observers, and presenters to the meeting.
- b) No comments were received to the previous minutes, and they were deemed approved.
- c) All actions from the previous meeting were reviewed and deemed closed.

2. MPID 317 - Signals and indications required from Users (formerly Digital Signal Lists) (Revised from March 2024 GCRP).

- a) Melissa Dunne (TSO Member) provided a presentation on the revised proposed modification MPID 317.
- a) Vlastik Buzek (DSU) thanked Melissa for making the suggested revisions and stated that the proposed modification is now very clear.
- b) No further comments and no objections were received from the members. Melissa Dunne (TSO Member) thanked the members for their prior engagement and the revised text.
- c) **ACTION: The TSO to submit the recommended revised proposal to the CRU for their decision.**

3. MPID 318 – Incorporation of Energy Storage Stations Phase 2 (SONI SPID_03_2024) Revised from March 2024 GCRP)

- b) Melissa Dunne (TSO Member) provided a presentation on the proposed revised modification MPID 318.
- d) Tom Birney (Energy Storage Units) noted that he had no further comments and he thanked the TSO for their engagement.
- e) No further comments and no objections were received from the members. Melissa Dunne (TSO Member) thanked the members for their prior engagement and the revised text.
- f) **ACTION: The TSO to submit the recommended revised proposal to the CRU for their decision.**

4. MPID 322 Update of definitions for RfG/Non-RfG, HVDC/Non-HVDC and DCC/Non-DCC Units (Revised from March GCRP 2024)

- a) Melissa Dunne (TSO Member) provided a presentation on the proposed revised modification MPID 322.
- b) Niamh Daly (Interconnector Owners) and Paraic Higgins (Pumped Storage Generators) welcomed the revisions made to the proposed modification.
- c) No further comments and no objections were received from the members. Melissa Dunne (TSO Member) thanked the members for their prior engagement and the revised text.
- d) **ACTION: The TSO to submit the recommended revised proposal to the CRU for their decision.**

5. MPID 325 PPM Clarification of the Justification Text (proposed by James Conroy)

- a) Miriam Ryan (Chairperson) presented modification proposal MPID 325, as proposed by James Conroy, Vestas.
- b) The members did not raise any objections or concerns.
- c) **ACTION: The TSO to submit a recommended proposal paper to the CRU for their decision.**

6. MPID 326 – Update of Safety Rules Definition

- a) Miriam Ryan (Chairperson) presented modification proposal MPID 326.
- b) The TSO are not proposing any changes to the requirements.
- c) The members did not raise any objections or concerns.
- d) **ACTION: The TSO to submit a recommended proposal paper to the CRU for their decision.**

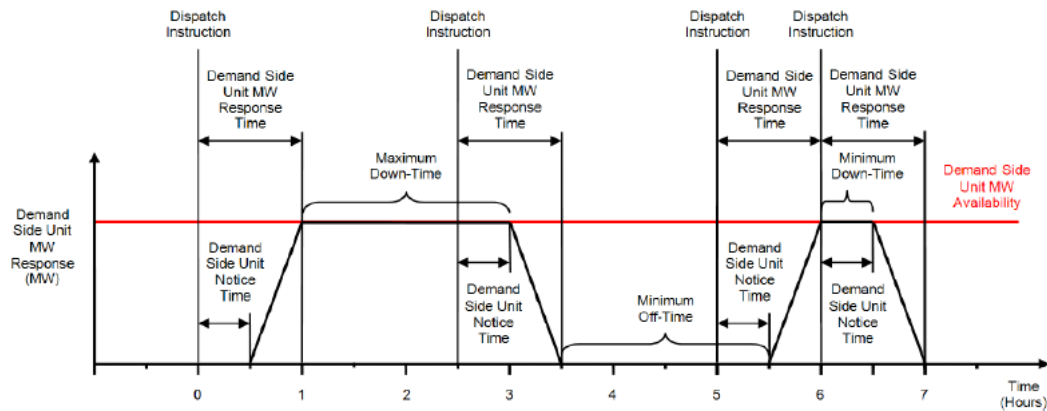
7. MPID 327 – Notice to React for DSUs.

- a) Deirdre Hughes (EirGrid) presented modification proposal MPID 327.
- b) Following on from the discussion at the JGCRP meeting it was agreed to review the proposed modification, taking into consideration the concerns raised by the DSU members regarding step changes and ramping.
- c) Paul Troughton (DSU) provided an example of a wood processing plant, if the machine stops with a log in it, it requires a huge amount of manual effort to remove it. The manufacturer will stop processing once the log is automatically removed from the machine. The notice is effective but the processing will continue for 'n' minutes before the unit can respond.
- d) The DSU members agree with the spirit of the proposed modification but they have an issue with the measure and the wording.
- e) **ACTION: The TSO will internally review the proposed modification and issue a revised modification proposal with the draft meeting minutes, 08 October. The TSO encourage members to review the revised modification and return comments by 22 October. If members do not raise any comments or concerns, the TSO will issue a recommendation paper to the CRU for decision.**
- f) All the members agreed with this approach.

Post-Meeting Note 1:

TSO response: We would like to thank the DSU representatives for raising concerns around the operating characteristics of a DSU unit which could potentially step change rather than ramp when initially providing a response. With the introduction of this failure to react modification for DSU's, it was suggested that this behaviour would be deemed non-compliant.

Due consideration was undertaken to ensure that the modification was in line with the DSU Operational Certificates, diagram in each operational certificate is outlined below:



From the data presented at the JGCRP covering a 16-month period, the TSO subsequently reviewed the behaviour of each DSU that was dispatched on and determined 75% provided a response in line with the proposed failure to react definition, i.e. under 15mins from its effective time subject to notice time. Of the remaining 25%, 7% failed to provide any response and 18% did not provide any response within a 15 mins of when they were expected to provide a response based on their submitted technical data and therefore would be deemed non-compliant with the Grid Code Modification (MPID327) as proposed by the TSO.”

While we understand that the technical offer data of a DSU might change in day after the submission of the units TOD set, due to an IDS making itself unavailable, this information is required to be communicated to the TSO as soon as possible as per Grid Code obligation SDC1.4.4.4 (f). The DSU has the right to dispute the application of a “Fail” instruction as per Grid Code.

For longer term non-compliance issues with a DSU’s Operational Certificate, there is a few options available for consideration including derogations and proposal of grid code modifications.

Post-Meeting Note 2:

Following the 24 September JGCRP meeting, the DSU representatives emailed both the CRU and TSO regarding several items they wished to raise in relation to the proposed modification. The TSO and the DSU representatives met on two occasions (18/11/2024 and 25/11/2024) to discuss these items.

Following these discussions, the TSOs reviewed the proposed modification and have determined that the best course of action is to proceed with the Grid Code Modification, as proposed to the panel at the 24 September JGCRP meeting. On behalf of EirGrid, Miriam Ryan (Chairperson) communicated this decision to the DSU representatives on 29 November 2024, noting that the views of the DSU representatives will be recorded as part of the recommendation paper. EirGrid will provide the DSU representatives with a draft copy of the paper prior to its submission to the CRU to ensure that their views are accurately recorded.

It is noted that the SONI Grid Code Modification process requires a public consultation, and this will provide the members with an opportunity to provide comments on the proposed modification.

8. Housekeeping Modification Process Trial.

- a) Melissa Dunne (TSO Member) provided a presentation on the proposed housekeeping modification process.
- b) Paraic Higgins (Pumped Storage Generators) welcomed the trial process.
- c) Melissa Dunne (TSO Member) noted that housekeeping modifications will continue to be subject to approval by the CRU. This governance step will continue as part of this process.
- d) **ACTION: The TSO will commence the trial on 01 Oct 2024.**

9. Beginners Guide to Grid Code.

- e) Melissa Dunne (TSO Member) provided a presentation on a new Beginners Guide to the Grid Code.
- f) The members provided no comments.
- g) **ACTION: The TSO will circulate the guide. Melissa Dunne (TSO Member) encouraged members to provide their feedback.**

10. Grid Code Modifications Update

- a) Slide number 57 provides an updated picture of the modification statistics.

11. Grid Code Derogations Update

- a) Slide number 60 provides an updated picture of the derogation statistics.
- b) Ciaran Maguire (EirGrid) and Lewis Ngari (CRU) noticed an anomaly when they compared the TSO statistics with the CRU statistics.
- c) **ACTION: The TSO and CRU representatives will reconcile the two trackers.**

12. CRU Update

- a) Lewis Ngari (CRU) provided an update on Derogations. The CRU have received 22 Derogation assessments from EirGrid. The CRU have issued position data for 12 derogations and a further 10 remain for Regulatory review. The CRU are working with EirGrid to clarify any issues that have arisen, and they will issue position data over the next couple of weeks.
- b) Payal Soni (CRU) noted that the CRU have received 2 Grid Code modification recommendations since the last GCRP meeting. They are currently reviewing the papers with the aim to progress within the next couple of weeks.

13. AOB

- a) Vlastik Buzek (DSU) raised a concern that the change to the signal requirements in the EirGrid Grid Code will mis-align the requirements in the SONI Grid Code.
- b) Melissa Dunne (TSO Member) reassured the members that she has marked this change with the SONI counterparts.

- c) **ACTION: Melissa Dunne (TSO Member) will follow up with SONI counterparts to see if they are looking to align with the EirGrid requirements.**
- d) Vlastik Buzek (DSU) raised a further concern that the separation of EirGrid and SONI may cause a divergence in the Grid Codes. He is keen to see that both codes remain aligned.
- e) Melissa Dunne (TSO Member) advised that the codes will align as much as possible despite the governance structure.
- f) Miriam Ryan (Chairperson) advised that the TSO will circulate placeholder dates for the 2025 meetings. Miriam thanked everyone for attending the meeting.