

**Approved Minutes of the EirGrid Grid Code Review Panel (GCRP) Meeting
EirGrid Conference Call
02 November 2021**

Member Attendance:

<u>Name</u>	<u>Present</u>	<u>Role</u>
Miriam Ryan	Y	Alternate EirGrid GCRP Chair
Niamh Daly	Y	TSO Member
Anne Trotter	Y	TSO Member
Michael McCormack	Y	Grid Connected Thermal Generators
Jennifer Geraghty	N	Grid Connected Thermal Generators
Oliver Caherty	Y	Grid Connected CCGT Generators
Daniel Grandjean	N	Grid Connected CCGT Generators
Mark Coleman	Y	Grid Connected Non-Synchronous Renewable Generators
Peter King	Y	Grid Connected Non-Synchronous Renewable Generators
Philip Blythe alternate for Paraic Higgins	Y	Grid Connected Pumped Storage
Position Open		Grid Connected Synchronous Renewable Generators
Pat O'Donnell	Y	Grid Connected Fast Peaking Plants
Mark Phelan	Y	ESB PES
Position open		Independent Electricity Supplier
Cormac Fitzpatrick	N	Transmission Asset Owner
Dylan Ashe alternate for Robert O'Rourke	Y	Regulator
Karl O'Keefe	N	IE - Interconnector Owner
Deirdre Hughes	Y	Market Operator
Grainne O'Shea alternate for Tony Hearne	Y	Distribution System Operator
Eoin Sweeney alternate for Paddy Finn	Y	Grid Connected Demand Side Units
Seamus King	Y	Grid Connected Demand Side Units
Position Open	N	Grid Connected Demand Customers
Tom Birney	Y	Battery Storage

Other Attendees:

<u>Name</u>	<u>Present</u>	<u>Role</u>
Arlene Chawke	Y	GCRP Secretary
Gill Nolan	Y	TSO Observer
Anna Corcoran	Y	TSO Presenter
Eric Lambert	Y	TSO Observer
John Carnwath	Y	TSO Observer
Paul Doyle	Y	RWE

1. Introduction to Ireland GCRP Meeting & Approval of Minutes

- a) Miriam Ryan (Chair) welcomed all members, observers and presenters to the meeting.
- b) Miriam Ryan (Chair) reviewed the actions from the [Previous Meeting](#) (20 July 2021) and noted that no comments were received and the Minutes were deemed approved. An update was provided on the actions:
1. Review of Actions - DCC User Operational Notification business process
Action: TSO to bring a DCC User Operational Notification business process to the panel members at the next GCRP meeting.
Open – a business owner has been identified and the TSO will present a business process to the panel members at a future meeting.
 2. Proposed Review of Actions - PPM FRT
Action: Alan Rogers (TSO) to provide a PPM FRT Update presentation at a DCRP Meeting – the date to be arranged with Tony Hearne (DSO).
Closed – this action is now an open action with the DCRP.
 3. MPID 296 – Correction of Wind Powered Controllable PPMs
Action: The TSO will issue a modification recommendation paper to the CRU for their review and approval.
Closed – recommendation paper issued to CRU on 16 September 2021.
 4. MPID 278 – Correction of Reactive Power Capability Requirements
Action: The TSO will issue a modification recommendation paper to the CRU for their review and approval.
Closed – recommendation paper issued to CRU on 16 September 2021.
 5. Review of EirGrid GCRP Constitution and draft Grid Code modification
Action: The TSO to consider Peter King's (Non-Synchronous Renewable Generators) suggestion of a Solar only member.

Closed – Peter King’s recommendation considered and included in the revised draft version of the Constitution. No further comments received from members.

2. Proposed Modification MPID 293 – DSU Maximum Down Time

- a) Following a request from Miriam Ryan (Chair) for members to offer their recommendation or non-recommendation, the following members spoke:
- i. John Carnwath (TSO Observer), representing the TSO, the TSO is not in favor of recommending this proposal.
 - ii. Oliver Caherty (CCGT Generators) is in favour of recommending this proposal.
 - iii. Seamus King (Demand Side Units) is in favour of recommending this proposal.
 - iv. Mark Coleman (Non-Synchronous Renewable Generators) is in favour of recommending this proposal. At the same time, he acknowledges the knock-on impact on the TSOs, but the Regulator will have the final call on the recommendation.
He also suggested that the modification be approved but not retrospectively applied, and it will only apply to new demand side units. Miriam Ryan (Chair) noted that the European Codes explicitly state that they are not retrospectively applied. However, the requirements in the Grid Code are retrospectively applied and this is stated in the code.
- b) Paul Troughton (EnelX) is fully in favour of not applying this modification retrospectively. At the same time, it is not necessary because capacity has already been committed for the next four years.
- c) Anne Trotter (TSO Member) noted that it is a common goal to maximise the participation of DSM and the TSO would like to do this in a well thought through way. She acknowledged that Flextech didn’t progress as quickly as any of us would have liked. However, the technology enablement worksteam for DSM is progressing very well, John Carnwath and Martin Kerin and other SMEs are very much involved in this, within EirGrid. System changes need to be made in a measured way. The incorporation of DSM needs to be carried out in a holistic way.
- d) Paul Troughton (EnelX) is concerned that the programme, as mentioned by the TSO, will be delayed and implementation will be a few years away. Neither modification proposal is a significant change, and neither will have operational impact in the near term. Both modifications are about changing the registration process. The Clean Energy Package is clear that there should be no discrimination against technologies and both modification proposals eliminate discrimination against DSUs.
- e) Shaping our Electricity Future roadmap is due to launch in early November and all members are encouraged to review it.
- f) It will be noted in the recommendation paper that the TSO cannot support this proposal, at this time.
- g) Following the time allowed for member comments to the Minutes, the TSO will draft a recommendation paper. Before issuing the paper to the CRU for decision, the TSO will issue the paper to the DRAI to ensure their views are properly represented.
- h) **ACTION: The TSO will issue a modification recommendation paper to the CRU for their review and decision.**

3. **Proposed Modification MPID 299 - Reduction of Aggregator Limit to 1MW**

- a) Following a request from Miriam Ryan (Chair) for members to offer their recommendation or non-recommendation, the following members spoke:
 - i. Mark Coleman (Non-Synchronous Renewable Generators) is in favour of recommending this proposal. At the same time, he acknowledged the concerns of the TSO, but the Regulator will have the final call on the recommendation.
 - ii. Eoin Sweeney (Demand Side Units) is in favour of recommending this proposal.
 - iii. Oliver Caherty (CCGT Generators) is in favour of recommending this proposal. He recommended the TSO provide a real time example of the control center operator concerns.
- b) It will be noted in the recommendation paper that the TSO cannot support this proposal, at this time.
- c) Following the time allowed for member comments to the Minutes, the TSO will draft a recommendation paper. Before issuing the paper to the CRU for decision, the TSO will issue the paper to FERA to ensure their views are properly represented.
- d) **ACTION: The TSO will issue a modification recommendation paper to the CRU for their review and decision.**

4. **Proposed Modification MPID 300 – Solar PV Signal Requirements**

- a) Anna Corcoran (TSO presenter) presented slides (7 to 11 inclusive) on the proposed inclusion of meteorological and availability data signal requirements for solar farms in the Grid Code. The TSO has engaged with industry on this and have received positive feedback.
- b) Following a query from Philip Blythe (Pumped Storage), Eric Lambert (TSO observer) confirmed that a dedicated met mast will not be required for solar generators and instruments will be at a height of 2 to 10 meters.
- c) Anna Corcoran (TSO presenter) also confirmed that the TSO has engaged with ISEA on the proposed requirement and the feedback was positive.
- d) No objections were raised by the panel members.
- e) **ACTION: The TSO will issue a modification recommendation paper to the CRU for their review and decision.**

5. **Proposed Modification MPID 297– Clarification of PPM Frequency requirements for PPMs (RfG Units)**

- a) Niamh Daly (TSO Member) presented slides (12 to 15 inclusive) on a proposal to make PPM Frequency Requirements for RfG units clearer in the Grid Code. As such, this is a clarification and no new requirements are being proposed.
- b) No comments, questions or objections were raised by the panel members.
- c) **ACTION: The TSO will issue a modification recommendation paper to the CRU for their review and decision.**

6. **Review of the EirGrid GCRP Constitution and modification proposal MPID 294**

- a) Arlene Chawke (GCRP Secretary) presented slides (16 to 19 inclusive) on proposed revisions to the EirGrid GCRP Constitution.

- b) No comments were raised by panel members.
- c) **ACTION: The TSO will issue the amended constitution to the CRU for their signature and EirGrid will countersign.**
- d) Arlene Chawke (GCRP Secretary) went on to present slides (20 to 22 inclusive) on modification proposal MPID 294. The TSO are proposing to align the requirements in Grid Code with the requirements in the Constitution.
- e) No comments, questions or objections were raised by the panel members.
- f) **ACTION: The TSO will issue a modification recommendation paper to the CRU for their review and decision.**

7. MPID 298 – Grid Code version 9 Housekeeping

- a) Arlene Chawke (GCRP Secretary) presented slides (23 to 27 inclusive) on modification proposal MPID 298, the TSO have identified several ‘typo’ style errors in Grid Code version 9 and are proposing to correct these.
- b) No comments, questions or objections were raised by the panel members.
- c) **ACTION: The TSO will issue a modification recommendation paper to the CRU for their review and decision.**

8. Discussion on the User-friendliness of the Grid Code

- a) Miriam Ryan (EirGrid Chair) presented slides (28 to 34 inclusive) on a Grid Code usability trial that took place in EirGrid. The trial involved the practical use of the Grid Code, it did not focus on the technical elements or demarcation.
- b) The main recommendations from the trial are as follows:
 - i. Move the definitions and acronyms sections to the front;
 - ii. Re-format the table of contents;
 - iii. Write an introduction to the Grid Code;
 - iv. Write a brief introduction to each section.
- c) Mark Coleman (Non-Synchronous Renewable Generators) noted that he has no objections to the changes as recommended above. He also noted that printed copies of the Grid Code are rarely used by industry, it is all computer based.
- d) **ACTION: The TSO to circulate a mock-up version of the Grid Code that includes the recommendations above.**
- e) **ACTION: The TSO to consider issuing a very short survey to members on the user-friendliness of the Grid Code.**

9. Grid Code Derogations

- a) Anne Trotter (TSO Member) presented an update on the status of Derogations, see slide number 36.
- b) No comments were received.

10. Sync Comp Update

- a) Miriam Ryan (Chair) provided a verbal update to members. EirGrid are currently in the process of developing an implementation note for the treatment of Low Carbon Sources of Inertia. This implementation note will cover the Grid Code requirements and the intention is

to publish this early 2022. EirGrid are engaging with several key industry stakeholders. Miriam Ryan encouraged members to make contact with gridcode@eirgrid.com if they would like to engage with the TSO on this topic and the Grid Code team can pass on the member details to the technology implementation group.

- b) **ACTION: Following a query from Peter King (Non-Synchronous Renewable Generators) on the timelines for this project, Miriam Ryan (Chair) will follow up with the technology implementation group for specific timelines and will share them with the GCRP members.**

11. Off-shore PPM Update

- a) Miriam Ryan (Chair) presented an update, see presentation slide number 41. Phase 1 projects is the key focus for the group.
- b) **ACTION: Following a comment from Peter King (Non-Synchronous Renewable Generators), Miriam Ryan (Chair) will ensure that the slides presented by Cathal Martin, at the previous JGCRP meeting, have been received by the Off-shore PPM working group.**
- c) Paul Doyle (RWE) confirmed that the Wind Energy Ireland group have highlighted and shared nine key concerns (Reactive Power being one of them) with the working group. It is important that industry receive feedback on these concerns in a timely manner given the impact on design and cost.
- d) **ACTION: Miriam Ryan (Chair) to following up on the status of the nine key concerns highlighted and shared by Wind Energy Ireland.**

12. CRU Update

- a) Dylan Ashe (CRU) provided a verbal update. All outstanding modifications are at an advanced stage of the CRU decision process.

13. AOB

- a) Arlene Chawke (GCRP secretary) advised that members have reached the end of the two-year membership period and that all members will automatically retire at the end of this meeting. EirGrid will soon commence the membership nomination process for the next two-year period and will contact all members in relation to this.
- b) Miriam Ryan (Chair) thanked all members for their contribution and participation over the past two years.
- c) Following a query on the Registered Capacity clarification paper, Miriam Ryan (Chair) confirmed that the paper applies to EirGrid only. Tony Hearne from the DSO is aware of the paper, but it does not apply to distribution connected units. In terms of the Registered Capacity working group, the aim is to develop one single, clear definition for Registered Capacity while considering the nuances for different types of users.
- d) Tom Birney (Battery Storage) noted that there was no update provided on the Battery Storage Implementation Guide and he is keen that it continues to be a standing agenda item going forward.
- e) **ACTION: Miriam Ryan (Chair) will include an update from the working group in the Minutes to this meeting and she will ensure it remains a standing update item on the agenda.**
- f) *POST MEETING NOTE: Following the receipt of feedback from Users, V3.0 of the battery implementation note is being finalised at the moment with the aim of publishing by the end*

of the year. Once published, the link to the implementation note will be circulated to GCRP members.