

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

Member Attendance:

<u>Name</u>	<u>Present</u>	<u>Role</u>
Miriam Ryan	Y	Alternate EirGrid GCRP Chair
Niamh Daly	Y	TSO Member
Colm MacManus alternate for Anne Trotter	Y	TSO Member
Michael McCormack	Y	Grid Connected Thermal Generators
Jennifer Geraghty	N	Grid Connected Thermal Generators
Oliver Caherty	N	Grid Connected CCGT Generators
Daniel Grandjean	Y	Grid Connected CCGT Generators
Mark Coleman	Y	Grid Connected Non-Synchronous Renewable Generators
Peter King	Y	Grid Connected Non-Synchronous Renewable Generators
Paraic Higgins	Y	Grid Connected Pumped Storage
Position Open		Grid Connected Synchronous Renewable Generators
Pat O'Donnell	N	Grid Connected Fast Peaking Plants
Mark Phelan	Y	ESB PES
Position open		Independent Electricity Supplier
Cormac Fitzpatrick	Y	Transmission Asset Owner
Dylan Ashe alternate for Robert O'Rourke	Y	Regulator
Karl O'Keeffe	Y	IE - Interconnector Owner
Gavin O'Brien alternate for Lauren Skillen-Baine	Y	Market Operator
Tony Hearne	Y	Distribution System Operator
Paddy Finn	Y	Grid Connected Demand Side Units
Lisa Foley	Y	Grid Connected Demand Side Units
Paul O'Halloran	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
Orlaith Condon	Y	TSO Observer
Anna Corcoran	Y	TSO Observer
Tomás Mahony	Y	TSO Observer

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](#) (23 March 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. Review of Actions - Proposed Modification MPID 278 - Correction of Reactive Power Capability Requirements under CC.7.3.6.1
Action: An issue with the modification proposal was raised by a GCRP member and the modification was formally withdrawn 23 October 2020. The TSO is currently reviewing and will bring an amended proposal to the panel members at a future date.
Closed - the TSO will present a revised modification proposal at today's meeting.
 3. 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).
Open – Alan Rogers (EirGrid) and Tony Hearne (DSO) will arrange this agenda item for next DCRP Meeting.
 4. Proposed Modifications MPID 289 to MPID 292
Action: Issue recommendation papers to the CRU.
Closed – All papers have been issued to the CRU and are available for viewing on the [EirGrid website](#).

5. FRT PPM Update

Action: On issue of the Minutes the TSO will provide a website link to the Simulation Compliance document or attach the document to the email.

Closed – document was issued with the previous Minutes.

6. Energy Storage Implementation Update

Action: Eamon Garrigan (TSO) will engage with Tom Birney (Battery Storage) to arrange a meeting come May/June 2021.

Closed – an update will be provided as per today's agenda.

7. Offshore – the next steps to incorporate the RfG requirements into the Grid Code

Action: The TSO will review the Navigant report, determine what the "Centralised Model" is and inform Peter King (Non-Synchronous Renewable Generators) if this offshore is one of the connection types included in this model.

Closed – review carried out and the TSO engaged with Peter King (Non-Synchronous Renewable Generators) on this topic.

2. Proposed Modification MPID 296 – Correction of Wind Powered Controllable PPMs

- a) Niamh Daly (TSO Member) presented slides (3 to 6 inclusive) on modification proposal MPID 296, correction of wind powered controllable PPMs.
- b) Tony Hearne (DSO) noted a similar issue has occurred with the Distribution Code.
- c) No comments, questions or objections were raised by the panel members.
- d) **ACTION: The TSO will issue a modification recommendation paper to the CRU for their review and approval.**

3. Proposed Modification MPID 278 – Correction of Reactive Power Capability Requirements

- a) Miriam Ryan (Chair) presented slides (7 to 9 inclusive) on revised modification proposal MPID 278, correction of reactive power capability requirements.
- 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 approval.**

4. Discussion Item – Review of the EirGrid GCRP Constitution and draft modification to clause GC.7.1

- a) Arlene Chawke (GCRP Secretary) presented slides (10 to 19 inclusive) on this discussion item, she noted that member feedback is welcome at today's meeting and post meeting.
- b) Peter King (Non-Synchronous Renewable Generators) recommended that a specific membership position be given to Non-Synchronous Renewable Generators Solar and the

existing two Non-Synchronous Renewable Generators membership positions should remain as wind representatives.

- c) **ACTION: GCRP members to provide feedback via gridcode@eirgrid.com within the 10 day period allowed for comment to the Minutes.**
- d) **ACTION: The TSO to consider Peter King's (Non-Synchronous Renewable Generators) suggestion of a Solar only member.**
- e) **ACTION: At the next GCRP meeting the TSO will present a finalised version of the constitution and a proposed modification to Grid Code clause GC.7.1.**

5. Status Update on Derogations

- a) Miriam Ryan (Chair) verbally presented the stats. The figures have been included in the presentation and are available for viewing - please slides attached to these Minutes.
- b) No comments were received.

6. Energy Storage Implementation Update

- a) Colm MacManus (alternate TSO member) provided a verbal update on Battery Implementation Note Version 3.
- b) Version 3 has been updated to address industry feedback:
 - i. Process for charging of battery units – as previously shared by Eamon Garrigan;
 - ii. Added associated explanation of RES ON / RES OFF instructions within EDIL;
 - iii. Black Start Shutdown will not be required for battery-only projects (applies for other PPMs);
 - iv. Explanation on ramp rate priorities;
 - v. Address difference between definition of trajectory in DS3 SS contracts vs settings defined in implementation note and Signal Lists;
 - vi. Clarifying ranges;
 - vii. Addressing over frequency settings for volume capped units;
 - viii. Address/ clarify expectation of Mvar capability at MIC.
- c) EirGrid are currently looking at the potential impact of frequency response while the battery is providing reactive power support.
- d) The TSO will contact ESI and IESA by the end of July to seek a meeting in early August.
- e) Tom Birney (Battery Storage) noted that they are collating feedback on the Mvar and frequency response positions and welcome the opportunity to engage with the TSO in early August.
- f) In terms of the Distribution Code, Tony Hearne (DSO) noted that bilateral engagement is ongoing regarding Reactive Power.

7. CRU Update

- a) Dylan Ashe (CRU) provided a verbal update. The CRU is working through derogation assessments and modification recommendations and intend to have the current batch of recommendations approved by the next GCRP meeting.

8. AOB

- a) No items were raised by the members under AOB.