

# Minutes of the Joint Grid Code Review Panel (JGCRP)

20 March 2024

## Member Attendance:

Constituent	Member	Attendance	Panel
Chairperson	Miriam Ryan	Y	EirGrid
TSO	Niamh Daly	Y	EirGrid
TSO	Melissa Dunne	Y	EirGrid
TSO	Deirdre Hughes	Y	EirGrid
CCGT	Mark Lucas	Y	EirGrid
Thermal Generators	Jennifer Geraghty	Y	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
Demand Customers	Thomas O'Sullivan	Y	EirGrid
Demand Side Units (DSU)	<del>Paul Troughton</del> Martina Asserto	Y	EirGrid
Demand Side Units (DSU)	Vlastik Buzek	Y	EirGrid
Energy Storage Units (ESPS)	Tom Birney	Y	EirGrid
Distribution System Operator (DSO)	Tony Hearne	N	EirGrid
Public Electricity Supplier (PES)	Mark Phelan	Y	EirGrid
Independent Electricity Suppliers	Open Position		EirGrid
CRU	Payal Soni	Y	EirGrid
Transmission Asset Owner Licensee (TAO))	<del>Cormac Fitzpatrick</del> Jessica Hutton	Y	EirGrid
Market Operator (MO)	Sorcha Dineen	Y	EirGrid
Other TSO			EirGrid
Interconnector Owners	<del>Karl O'Keefe</del> Jonathan Ruddy	Y	EirGrid
Solar Generators	Daniel Moloney	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
Richard Lavendar	Y	Observer	EirGrid
Aaron Keogh	Y	Observer	EirGrid
Grace Burke	Y	Observer	EirGrid
Colm MacManus	Y	Observer	EirGrid

### SONI GCRP Members:

Attendance: Name	Present	Role
Sam Matthews (SM)	Y	SONI GCRP Chairperson- Alternate
Finian Hagan (FH)	Y	SONI GCRP Secretary
Conleth McAteer (CM)	N	SONI GCRP Chairperson
Brian Mongan (BM)	N	Aggregator Member
Stephen Hemphill (SH)	Y	Interconnector Owners
Sam Gibson (SG)	Y	Interconnector Owners Alternate
Stephen Brownlees (SB)	Y	Generators
Damian O'Neill	N	Generators
Jody O'Boyle (JO)	Y	Utility Regulator (UR)
Ben Harris (BH)	Y	Utility Regulator Alternate
Niall Maguire (NM)	Y	RES- Large Scale
Andy McCrea (AC)	N	RES- Large Scale Alternate
William Deane (WD)	N	RES – Small Scale
Krishna Anaparthi (KA)	N	Electricity Storage
Jim Cooke (JC)	N	Generators
Leonard Taggart (LT)	N	NIE Networks
Alan Kennedy (AK)	Y	TSO - Observer
Sarah Friedel (SF)	Y	TSO- Member
James McGrann (JM)	Y	Market Operator- Member

## **1. Introduction to JGCRP Meeting & Approval of Minutes**

- a) Miriam Ryan (EirGrid GCRP – Chairperson) welcomed all members, observers, and presenters to the meeting.
- b) Two proposed modifications on today's agenda, the incorporation of Energy Storage Power Stations phase 2 and the Non-priority Dispatch of Renewables, both cover areas of common governance (the scheduling and dispatch sections). In the interest of transparency, the chairperson encouraged members to have full discussions at the Joint GCRP meeting.
- c) One comment was received to the previous minutes. The comment received from Tom Birney (20/12/2023), stated that a noted action was relevant to LCSI, not ESPS. This comment was accepted, and the minutes were deemed approved.
- d) A review was carried out of all the actions raised at the previous meeting. All bar one action was deemed closed. An action regarding a market query, against Stephen Brownless, remains open.

## **2. Discussion on the Incorporation of Synchronous Condenser Units (SCU)**

- a) Niamh Daly (EirGrid GCRP – TSO Member) provided an update on the incorporation of SCUs into the EirGrid and SONI Grid Codes.

- b) The draft red and green line versions of the modification for both SONI and EirGrid will be issued with these minutes with the intention of bringing the proposals to the next JGCRP meeting and to seek approval at the next individual GCRP meetings.  
Modifications to the Scheduling and Dispatch sections of the Grid Codes come under common governance and modifications to other areas of the Grid Codes need to be aligned.
- c) Following a query from Cahir O'Neill (EirGrid GCRP – SCU), Niamh Daly (EirGrid GCRP – TSO Member) confirmed that the TSOs will not issue an implementation note version 2. Such notes are not binding, and the TSOs intend to incorporate the implementation note phase 1 into the Grid Codes. It is important for the user to comply with the requirements of the Grid Code and should any compliance issues arise, a user can apply for a derogation.
- d) Should there be substantial comments to the proposed modification papers, the TSOs will set up a call to discuss with the SCU members and other members.
- e) Niamh Daly (EirGrid GCRP – TSO Member) confirmed that this modification proposal has been developed in collaboration with the Low Carbon Sources of Inertia (LCSI) procurement team and hence should align with their requirements. However, Niamh requested that if members find any misalignment, that they let the Grid Code team know via email to GridCode@EirGrid.com.
- f) Following a query on test procedures and signal lists, Colm MacManus (EirGrid GCRP - TSO Observer) noted that the templates are based on Grid Code requirements. These will be drafted when the requirements are fully agreed and incorporated into the Grid Code.
- g) Tom Birney (EirGrid GCRP - ESPS) questioned if a decision had been made in relation to start times.
- h) Niamh Daly (EirGrid GCRP – TSO Member) responded that the original SCU Implementation Note included the start up times for synchronous thermal generators which have separate times for hot, warm and cold states. Industry responded to the Implementation Note and said that these states were not applicable to SCUs. OEMs suggested 30 minutes regardless of state. This value has been included in the draft SCU modification. The TSO is happy to receive comments on this.
- i) Paraic Higgins (EirGrid GCRP – PSG) asked if the Scheduling and Dispatch Programme (SDP) have issued their proposals for SCUs.
- j) Niamh Daly (EirGrid GCRP – TSO Member) noted that the Grid Code workstream have checked the Grid Code proposal against the SDP proposal and they are aligned. The SDP are not yet able to share their proposal.
- k) **ACTION:** A request for a timeline on when SDP team publish relevant information to allow us to review the Grid Code proposals. Of particular interest is how the asset will be scheduled and dispatched. Niamh Daly (EirGrid GCRP – TSO Member) has taken an action to request this timeline from the SDP team.
- l) **ACTION:** Tom Birney (EirGrid GCRP - ESPS) sought information as to whether the signal list will be hard wired or electronic. Niamh Daly (EirGrid GCRP – TSO Member) noted that this is not detailed in the Grid Code, but she will follow up on the query with the relevant team, System Integrity.
- m) **ACTION:**

- i. The TSO will issue the proposed red and green line draft papers with the draft minutes.
- ii. The TSO to include a deadline date for comments – 4 weeks from date of issue – and members can request more time should more time be required.

### 3. Incorporation of Energy Storage Power Stations Phase 2 - EirGrid MPID318 and SONI SPID\_03\_2024

- a) Niamh Daly (EirGrid GCRP – TSO Member) provided a presentation on the incorporation of phase 2 of Energy Storage Power Stations (ESPS) into the EirGrid and SONI Grid Codes.
- b) Tom Birney (EirGrid GCRP - ESPS) noted that he is working with Krishna (SONI GCRP – ESPS) and they are keen to request more time to review this proposal. They are actively engaging with the ESI working group and would like to ensure that thorough engagement is given to all the working group members.
- c) Thomas O’Sullivan (EirGrid GCRP – Demand Customers) stated that he is new to the panel and hence was not familiar with the history of ESPS Phase 1. He would like to review this draft modification and compare it to the requirements for Flexible Consumers, particularly as ESPSs are not being considered Demand Customers.
- d) Niamh Daly (EirGrid GCRP – TSO Member) clarified that although this modification proposes removing the defined term “Energy Storage Power Station Demand” as a user type but some requirements will still be required for when ESPSs consuming electricity. For example, when ESPSs are acting as a demand in OC4 (SONI) and OC5 (EirGrid), the undefined term “demand” is used.
- e) Paraic Higgins (EirGrid GCRP- PSG) asked if the inclusion of the requirement for ESPSs acting as demand to disconnect or switch to export will impact the DS3 performance scaler.
- f) **ACTION:** Niamh Daly (EirGrid GCRP – TSO Member) will follow-up on this query with the appropriate team in EirGrid. She further noted that DS3 are additional system services and the requirements for these services may sit outside of the Grid Code.
- g) Miriam Ryan (EirGrid GCRP - Chairperson) provided clarification on how new requirements are applied. The EirGrid Grid Code is retrospectively applied. The European Connection Codes are applied from date of application. The SONI Grid Code is not retrospectively applied. A user can apply for a derogation if there is an issue with compliance. Derogations are assessed on merit and subject to approval by the relevant regulatory authority.
- h) Paraic Higgins (EirGrid GCRP - PSG) mentioned that an issue may arise with requirements being applied retrospectively.
- i) Miriam Ryan (EirGrid GCRP - Chairperson) noted that she is happy to discuss any potential derogation applications off-line given possible commercial sensitivities.
- j) **ACTION:** JGCRP members have until 17 April to provide comments to the proposed modification.

#### 4. Non-priority Dispatch of Renewables - EirGrid MPID320 and SONI SPID\_01\_2024

- a) Melissa Dunne (EirGrid GCRP – TSO Member) provided a presentation on the proposed modification to the EirGrid and SONI Grid Codes to facilitate the operation of non-priority dispatch renewables. This proposal is being driven by SDP and seeks to support the TSOs in meeting Regulation (EU) 2019/943 Clean Energy for all Europeans Package (CEP).
- b) Alan Kennedy (SONI GCRP – Chairperson) provided further information on changes specific to SONI Grid Code, please see slide number 21.
- c) Paraic Higgins (EirGrid GCRP – PSG) asked with respect to the recent judgement on the Judicial Review of Art12/13 of CEP for payments for dispatch down, if that decision, or any changes to that decision, may impact this proposed modification.
- d) Melissa Dunne (EirGrid GCRP – TSO Member) responded that, at this time, it would not appear that the judgement on payments for dispatch down, or any change to that judgement, would impact on this proposed modification. Under the SEMC decision on treatment of new renewable generation, the TSO would still require users to submit relevant data for the development of unit commitment schedules.
- e) Thomas O’Sullivan (EirGrid GCRP – Demand Customers) questioned if complying with the CEP could discourage renewables and hinder achieving our renewable targets.
- f) Miriam Ryan (EirGrid GCRP – Chairperson) noted that we are mandated to meet our requirements under the CEP.

#### 5. Regulatory Updates

- a) Payal Soni (EirGrid GCRP – CRU) provided an update on behalf of the CRU.
- b) The CRU have reviewed and approved 4 modifications, that includes MPID 305 the incorporation of Offshore PPMs.
- c) The CRU have reviewed and granted 10 derogations, 9 of which are on emergency generation.
- d) **ACTION:** Miriam Ryan (EirGrid GCRP- Chairperson) took an action to follow up with the EirGrid derogations team to check if the register of granted derogations has been updated to include the 10 decisions mentioned above.
- e) Ben Harris (SONI GCRP – Utility Regulator) noted that several derogation decisions are in progress, the Utility Regulator are awaiting the submission of external information in relation to two of these.
- f) The Utility Regulator have published two modification decisions and one derogation decision.
- g) Three other modification decisions are in the process of legal review.
- h) **ACTION:** Finian Hagan (SONI GCRP- TSO Member) took an action to follow up with the SONI derogations team to check if the register of granted derogations has been updated to include recent decisions.

## **6. AOB**

- a) No other comments were raised under AOB.
- b) Miriam Ryan (EirGrid GCRP - Chairperson) thanked all the members, alternates, and observers for their time.
- c) The TSOs will issue the minutes by COB 05 April.