

**Approved Minutes of the Joint Grid Code Review Panel (JGCRP)**  
**EirGrid Offices, Dublin**  
**18<sup>th</sup> October 2018**

**Member Attendance:**

<b><u>Name</u></b>	<b><u>Present</u></b>	<b><u>Role</u></b>	<b><u>Company</u></b>
Arthur Moynihan	Y	Ireland GCRP Chair and Chair of the JGCRP	EirGrid
Raymond Skillen	Y	Northern Ireland GCRP Chair	SONI
Lisa McMullan	Y	TSO Representative	EirGrid
Anne Trotter	Y	TSO Representative	EirGrid
Michael McCormack	Y	Grid Connected Thermal Generators	Bord na Móna
Position open		Grid Connected Thermal Generators	
Rory Griffin	y	Grid Connected CCGT Generators	Bord Gais Energy
Colin D'Arcy	Y	Grid Connected CCGT Generators	Energia
Darragh O'Mahony alternate for Mark Coleman	Y	Grid Connected Non-Synchronous Renewable Generators	SSER
Peter King	Y	Grid Connected Non-Synchronous Renewable Generators	Ionic Consulting
William Carr	N	Grid Connected Pumped Storage	ESB GWM
Keith Russell	Y	Grid Connected Synchronous Renewable Generators	ESB GWM
Pat O'Donnell	Y	Grid Connected Fast Peaking Plants	SSE
Jim Wynne	Y	ESB PES	Electric Ireland
Brian Larkin	Y	Independent Electricity Supplier	Bord Gais Energy
Stephen O'Sullivan alternate for Ellen Diskin	Y	Transmission Asset Owner	ESB Networks TAO
David Lindsay alternate for Robert O'Rourke	Y	Regulator	CRU

Philip Jordan	N	Irl - Interconnector Owner	East West Interconnector
Deirdre Hughes	N	Market Operator	SEMO
Tony Hearne	Y	Distribution System Operator	ESB Networks
Paddy Finn	Y	Grid Connected Demand Side Units	Electricity Exchange
Alan Foley	Y	Grid Connected Demand Side Units	Veolia
Kenneth Matthews	N	Grid Connected Demand Customers	Amazon
Karen O'Doherty	N	TSO Representative	SONI
Jim Cooke	N	Generators	Coolkearagh ESB
Sam Gibson alternate for Stephen Hemphill	Y	NI – Interconnector Owner	Moyle Interconnector
Cathal Martin	Y	Generators	SSER
Tony McElroy	N	Generators	Energia
Jody O'Boyle	Y	Regulator	Utility Regulator
Ronan McKeown	N	TNO	NIE (TC)
Ian Bailie	Y	DNO	NIE (DO)
Mervyn Adams	N	Renewable Energy	ESB
Brian Mongan alternate for Denis McBride	Y	Generators	AES
Sam Alexander	N	Demand Side Units	Powerhouse DSU
William Steele	N	Generators	Power NI
Joe Coyle	N	Generators	Coolkearagh ESB

**Other Attendees:**

<b><u>Name</u></b>	<b><u>Present</u></b>	<b><u>Role</u></b>	<b><u>Company</u></b>
Éanna Farrell	Y	JGCRP Secretary	EirGrid
Ian Stevenson	Y	TSO Observer	SONI
Ross Christie	Y	TSO Observer	EirGrid
Tomás Mahony	Y	Presenter	EirGrid
Claire Delaney	Y	TSO Observer	EirGrid

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

- a) Arthur Moynihan (Chair) welcomed all members, observers and presenters to the meeting.
- b) A round table of introductions took place.
- c) The secretary had received no comments to the previous meeting Minutes and the Minutes had been deemed approved.

- d) Arthur Moynihan (Chair) reviewed the actions from the previous meeting:
- Heat States Working Group – MPID 271a  
It was confirmed that this modification to the Northern Ireland Grid Code was a housekeeping modification that was approved by the Utility Regulator as part of the original I-SEM modification, reference number MPID 271.
  - DS3 Performance Evaluation  
Post meeting note was circulated; DS3 System Services – Protocol Clarification – Frequency Events and Performance Assessment of POR, SOR, TOR1 and FFR:  
<http://www.eirgridgroup.com/how-the-grid-works/ds3-programme/ds3-consultations-and-pub/index.xml>  
It was noted that Lisa McMullan (TSO Representative) would provide an update later in the meeting on the interdependency of DS3 System Services contracts and the Grid Code.
  - Mothballing  
As the Grid Code takes precedence over the Capacity Market Code, mothballing is not possible.
  - Technical Offer Data  
William Carr (Pumped Storage) raised the original query at the previous JGCRP. Following on from that meeting the TSO engaged with the member on this issue and both are monitoring for any such re-occurrence.
  - DSU  
It was noted that Paddy Finn will meet with Jon O’Sullivan after the meeting to close out this issue.

## 2. EPMS

- a) Ross Fallon (EirGrid) provided a verbal update.
- b) EirGrid cancelled meetings and deferred rollout of the EPMS Trial, due to a number of GDPR related issues that are currently being worked through.
- c) This deferral brought us to a timeline where iSEM ‘Go Live’ was imminent. Therefore EirGrid decided to defer these meetings and the rollout of the EPMS Trial until after iSEM Go-Live.
- d) Ross Fallon (EirGrid) noted that participants will be updated.

## 3. Network Codes Project Update

- a) Tomás Mahony (EirGrid) presented an update.
- b) Tomás Mahony (EirGrid) introduced himself as project manager for connection and operation codes implementation.

- c) Members were asked if they were attending the All Island Forum (AIF) due to take place on 22 October, and if they had received the email invite. The majority of room confirmed they had received the invitation.
- d) Members were informed that the AIF would be an ideal opportunity to engage with work-stream leads for each of the codes.
- e) SONI Offices was confirmed as the location, and not the Hilton, as previously advised.
- f) The format of the AIF was described as well as the agenda.
- g) It was confirmed that the AIF slides would be available [online](#) afterwards.

#### **4. Harmonisation of Grid and Network Codes (HoGaN C)**

- a) Éanna Farrell (EirGrid) presented an update.
- b) He outlined the challenge of HoGaN C project for both Northern Ireland and Ireland Grid Codes.
- c) He described the process practiced to support a solution.
- d) An outline of the two potential solutions was provided; Bolt-On and Incorporative.
- e) It was opened to floor for input once key aspects of each potential solution was summarised.
- f) Tony Hearne (DSO) noted the significant challenge presented and that the DSO is proposing to use the incorporative approach for the Distribution Code. Topologies were noted as key parameters in the Distribution Code, which has shaped its format. The Incorporative approach may be a means to avoid users of the Grid Code having to jump between different sections. The Bolt-On solution was seen to flow as well if the scope can align inclusions and exclusions correctly.
- g) Peter King (Non-Synchronous Renewable) referenced the benefit of considering the testing procedure in designing the layout for the Grid Code updates. Lisa McMullan (TSO Representative) informed attendees that testing requirements will be formed from Network Codes and will sit separately to Grid Code, and that it will be clear what test each user will need to undertake. It was further noted that this work will not result in the duplication of tests but may result in additional tests as mandated by the Network Codes.
- h) David Lindsay (CRU) referenced a common approach to the Grid Code and Distribution Code may be helpful for users.
- i) Arthur Moynihan (Chair) explained that EirGrid and SONI will be deciding on their formats in next few weeks to enable drafting Grid Code modifications for RfG.
- j) Tony Hearne (DSO) noted the benefit of paraphrasing Network Code requirements where possible to provide concise and coherent Grid Codes.

#### **5. Grid Code Modifications: System Services**

- a) Lisa McMullan (TSO Representative) presented an update.

- b) Network Code updates were noted as the focus for modifications (HoGaN C).
- c) The System Services modifications will likely not be incorporated in the Grid Code until late 2019.
- d) Paddy Finn (DSU) asked how to manage the requirement of a DSU participating in DS3 needing to test out to two hours, when they may only be providing up to TOR1 (five minutes). Lisa McMullan (TSO Representative) explained that the DSU would need to comply with the Grid Code, but a derogation may be sought.
- e) Brian Mongan (Generators) asked about the interaction between DS3 contract requirements and Grid Code requirements, and how EDIL will be used i.e. whether EDIL is to be used for declaring Grid Code or DS3 Capability; or if a separate declaration is required for DS3 in EDIL.
- f) **ACTION: The TSO to engage with the member to answer this query.**
- g) Lisa McMullan (TSO Representative) informed attendees that Grid Code is a minimum requirement that users must comply with.

## 6. Northern Ireland Proposed Modifications

- a) No modifications being proposed.

## 7. Ireland Proposed Modifications

- a) No modifications being proposed.

## 8. Regulatory Updates

- a) No update from the Utility Regulator.
- b) No update from the CRU.

## 9. AOB

- a) Arthur Moynihan (Chair) provided an update on the Hybrid Sites Working Group. This working group was disbanded in June 2018.
- b) It was further clarified that the Hybrid Sites Working Group was set up under the JGCRP to examine technical Grid Code related items such as metering, signalling, controllability, forecasting and testing etc.
- c) It became clear as the group progressed that a wide range of issues were being raised from a commercial and legal perspective, and in particular in relation to the topic of shared connection points.

- d) The working group as set up, and under the governance of the JGCRP would not be able to deal with these issues and get them addressed appropriately.
- e) The TSO is minded to bring this work together with a number of other initiatives in a broader technical forum which would have the expertise to address all the issues. As it currently stands, the TSO are not in a position to confirm if it can commit to this at the moment.
- f) The TSO request patience over the next few weeks as it works on a solution. The TSO will be in contact with the Working Group to get their thoughts on the proposed direction.
- g) **ACTION: The TSO to confirm approach to replace the Hybrid Sites Working Group.**