

**Approved Summary Minutes of the Joint Grid Code Review Panel  
(JGCRP)  
SONI Offices, Belfast  
02 May 2018**

**Member Attendance:**

<b><u>Name</u></b>	<b><u>Present</u></b>	<b><u>Role</u></b>	<b><u>Company</u></b>
Sam Matthews alternate for Raymond Skillen	Y	Acting Northern Ireland GCRP Chair	SONI
Lisa McMullan	Y	TSO Representative	EirGrid
Anne Trotter	Y	Acting Ireland GCRP Chair	EirGrid
Michael McCormack	Y	Grid Connected Thermal Generators	Bord na Móna
Position open		Grid Connected Thermal Generators	
Rory Griffin	N	Grid Connected CCGT Generators	Bord Gais Energy
Colin D’Arcy	Y	Grid Connected CCGT Generators	Energia
Mark Coleman	N	Grid Connected Non- Synchronous Renewable Generators	SSER
Peter King	Y	Grid Connected Non- Synchronous Renewable Generators	Ionic Consulting
William Carr	Y	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	N	Independent Electricity Supplier	Bord Gais Energy
Ellen Diskin	N	Transmission Asset Owner	ESB Networks TAO
Robert O’Rourke	Y	Regulator	CRU
Philip Jordan	N	Irl - Interconnector Owner	East West Interconnector
Christopher Goodman	Y	Market Operator	SEMO
Brendan McGrath	Y	Distribution System	ESB Networks

alternate for Tony Hearne		Operator	
Paddy Finn	Y	Grid Connected Demand Side Units	Electricity Exchange
Alan Foley	N	Grid Connected Demand Side Units	Veolia
Position open		Grid Connected Demand Customers	
Karen O'Doherty	N	TSO Representative	SONI
Alastair Cooke	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
Ciaran MacCann	Y	Regulator	NIAUR
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
Alan Kennedy	Y	TSO Representative	SONI

**Other Attendees:**

<b><u>Name</u></b>	<b><u>Present</u></b>	<b><u>Role</u></b>	<b><u>Company</u></b>
Arlene Chawke	Y	JGCRP Secretary	EirGrid
Miriam Ryan	Y	TSO Observer	EirGrid
Ian Stevenson	Y	TSO Observer	SONI
David Lindsay	Y	Observer	CRU
Angela Blair	Y	Observer	Power NI PPB

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

- a) Sam Matthews (NI Chair) welcomed all members, observers and presenters to the meeting. In particular he welcomed new member Peter King, from Ionic Consulting, who will represent Non-Synchronous Renewable Generators on the Ireland GCRP.
- b) A round table of introductions took place.
- c) Apologies were noted from Mark Coleman, Rory Griffin, Tony Hearne, Brian Larkin

and Raymond Skillen.

d) The secretary had received no comments to the previous meeting Minutes and the Minutes had been deemed approved.

e) Sam Matthews (NI Chair) reviewed the actions from the previous meeting:

- Heat States Working Group – MPID 271a

A modification recommendation was submitted to the CRU for their approval.

**Post Meeting Note:** MPID 271a approved by the CRU on 30 April 2018.

A modification recommendation will be issued to the Utility Regulator. SONI are currently working on this.

- FRT Subsequent Faults Update

The TSO confirmed that they have engaged with a number of OEMs to understand their FRT settings in relation to subsequent faults. Following this engagement it is felt that given the range of settings that this does not propose a threat to system security. A question has been added to the Operational Notification documentation to track the settings implemented on connecting turbines. This will be reviewed on an ongoing basis and if required can be revisited by the TSO if there is concern around subsequent faults settings. The FRT Subsequent Faults Update has been brought to a close; this body of work is complete and is no longer a standing JGCRP standing item.

- EPMS – Response to Rory Griffin’s Query

The query was whether performance monitoring would continue to evaluate a units performance during a severe frequency event where the frequency remains low for a sustained period e.g. into the TOR1 timeframe. In response the TSOs update is as follows: there are no recovery points during a sustained low frequency event, in such a scenario the continued provision of reserve would be critical to the TSO in arresting the frequency drop and contributing to recovery.

At the meeting further clarification was sought by Brian Mongan (NI Generators) on the following items that have been previously raised at the Northern Ireland Generators Forum:

- When does a transient trip end and when does the DS3 assessment end?
- Are cascading trips considered to be a continued transient or a new transient?
- How does the TSO assess dispatchable instructions for TOR2? This is a DS3 service.

**ACTION:** TSOs to provide further clarity on questions raised above

**Post Meeting Note:** The DS3 System Services team recently published a clarification on our website in relation to this. The clarification can be found at the link below, titled *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->

**ACTION:** It was further noted that the TSO are assessing whether there are dependencies between the Grid Code and DS3 contracts. Lisa McMullan (TSO Representative) to bring an update on this at the next JGCRP.

## 2. Hybrid Sites Working Group

- a) Miriam Ryan (EirGrid - Chair of the Working Group) provided a verbal update, as provided below:

The Hybrid Working Group met for the third time yesterday. A number of items were discussed, including:

- i. The management of the TOD (Technical Offer Data) for hybrid units;
- ii. The over-installation of capacity;
- iii. The controllability of Hybrid Units;
- iv. Dynamic MEC;
- v. The sharing of connection points

Given the complexity of many of the issues surrounding Hybrid Units, it was agreed that the best way forward is to break these topics into individual work streams. Each work stream will require input from the relevant areas, e.g. Legal, Grid Code, Distribution Code, I-SEM, Regulation etc.

It is planned that a proposal of these work streams as well as the associated timelines will be circulated to the working group members in the coming weeks and will be discussed at the next working group meeting in mid-June.

It was noted that several of the issues raised by members of the working group may have far ranging impacts on other unit types as well as possible fundamental changes to how the system is currently operated. As such, there is the possibility that some issues may be outside of the scope and remit of the Hybrid Working Group. The group will identify such issues and the group will determine the best way of managing these issues on a wider basis.

- b) Cathal Martin (NI Generators) recommended that a road map be developed and the objectives of the group be clearly identified.
- c) Miriam Ryan (EirGrid) noted that if anyone is interested in being an observer to the group to send an email to [gridcode@eirgrid.com](mailto:gridcode@eirgrid.com).

## 3. EPMS Phase 1 Working Group

- a) Anne Trotter (Irl Chair) provided a verbal update.
- b) EPMS Phase 1 has gone live and participants have signed up to test the system. To date we have yet to receive expressions of interest from DSUs or Windfarms. The TSOs are encouraging representatives from these groups to take part. The sessions will take place on an individual basis because of the confidential nature of the reports that are produced by the system.
- c) It is expected that the testing phase will take place over the next three to six months depending on the number of events that occur during this timeframe. The intention is to roll out the system to all participants following this testing period.

- d) EPMS Phase 2 will include System Services provisions.
- e) The TSOs are encouraging more representatives to sign up to this testing phase. If interested please send an email to [gridcode@eirgrid.com](mailto:gridcode@eirgrid.com).
- f) Anne Trotter (Irl Chair) confirmed that more than one DSU can sign up to be involved this testing phase.

#### **4. Network Codes Update**

- a) Lisa McMullan (TSO Representative) provided a verbal update on the Network Codes.
- b) The TSOs will issue a proposal document to the Regulators on the RfG Parameter Selection Consultation before 17 May 2018. The document will include submissions to the consultation and the SO responses to these submissions.
- c) There are a number of derogation requests within that document:
  - i. Two of the derogation requests are related to errors in the Network Code document itself. In order to rectify those errors ENTSO-E have confirmed that two derogations need to be submitted to the Regulators and these will be issued with the proposal document.
  - ii. The third derogation application is in relation to PPM Frequency Response requirements. Requirements set in the Network Codes are much more limited in comparison to the existing requirements in our current Grid Codes. The existing requirements are required for increased SNSP and the SOs will be applying for a derogation to maintain the current PPM Frequency Response Requirements.
- d) The TSOs have commenced an assessment of the Demand Connection Code (DCC). Meetings with the DSO and DNO have been scheduled. Similar to the RfG Parameter Selection Consultation the consultation period for the DCC will be for a six week period. The TSOs will organise a half day workshop to clarify the parameters that are being consulted on. The intention is that this workshop will be aligned with the next European Stakeholder Forum;

#### **5. Northern Ireland Proposed Modifications**

- a) No modifications being proposed.

#### **6. Ireland Proposed Modifications**

- a) Two modifications being proposed:
  - i. MPID 273 Met Masts Signal Requirements;
  - ii. MPID 274 Transmission System Security Planning Standards (Housekeeping).

## 7. Regulatory Updates

- a) No update from the Utility Regulator.
- b) Robert O'Rourke (CRU) provided a brief update on DS3. Standard contracts are effective 1 May 2018 with some contractual issues being tidied up. A decision on fixed contracts will be issued early June. Market Position Ruleset Decision for system services will be in the coming weeks.

## 8. AOB

- a) Lisa McMullan (TSO Representative) highlighted that a DS3 Workshop on Battery Storage Technologies is due to take place 15 May 2018, as soon as the date is confirmed the TSOs will issue invites. Post Meeting note: this workshop was held on the 15 May 2018 in the Ballsbridge Hotel Dublin.
- b) **ACTION:** William Carr (Pumped Storage) is seeking clarity on two issues:
  - (i) Is mothballing still an element of the Market because it still exists in the CRM document? He considers this to be in contradiction to the Grid Code.
  - (ii) ESB GWM noted that sometimes when the TSO issues a dispatch instruction to a unit to come on more slowly/quickly than their TOD, that the unit is being charged uninstructed imbalances, for complying with the Dispatch Instruction.. Sam Matthews (NI Chair) noted that the TSOs are very appreciative of such support from units during transmission security events. Sam Matthews (NI Chair) added that he was keen for the TSOs to understand and explore this issue in SEM and I-SEM and asked William Carr (Pumped Storage) to send in a specific example for the TSOs to examine.
- c) Paddy Finn (Demand Side Units) discussed an issue that DSUs have experienced during System Service testing. The TSO agreed to engage with Paddy Finn (Demand Side Units) post the meeting to understand the issues in more detail
- d) **ACTION:** TSO to meet with Paddy Finn (Demand Side Units) to discuss issues in more detail.