

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

23 March 2021

Member Attendance:

<u>Name</u>	<u>Present</u>	<u>Role</u>	<u>Panel</u>
Miriam Ryan	Y	Alternate EirGrid GCRP Chair	EirGrid
Niamh Daly	Y	TSO Member	EirGrid
Anne Trotter	Y	TSO Member	EirGrid
Michael McCormack	Y	Grid Connected Thermal Generators	EirGrid
Jennifer Geraghty	N	Grid Connected Thermal Generators	EirGrid
Rory Griffin	Y	Grid Connected CCGT Generators	EirGrid
Daniel Grandjean	N	Grid Connected CCGT Generators	EirGrid
Mark Coleman	Y	Grid Connected Non-Synchronous Renewable Generators	EirGrid
Peter King	N	Grid Connected Non-Synchronous Renewable Generators	EirGrid
William Carr	Y	Grid Connected Pumped Storage	EirGrid
Position Open		Grid Connected Synchronous Renewable Generators	EirGrid
Position Open		Grid Connected Fast Peaking Plants	EirGrid
Mark Phelan	Y	ESB PES	EirGrid
Position open		Independent Electricity Supplier	
Cormac Fitzpatrick	N	Transmission Asset Owner	EirGrid
Dylan Ashe alternate for Robert O'Rourke	Y	Regulator	EirGrid
Karl O'Keeffe	Y	IE - Interconnector Owner	EirGrid
Lauren Skillen-Baine	Y	Market Operator	EirGrid
Tony Hearne	Y	Distribution System Operator	EirGrid
Paddy Finn	N	Grid Connected Demand Side Units	EirGrid
Lisa McMullan	Y	Grid Connected Demand Side Units	EirGrid
Paul O'Halloran	Y	Grid Connected Demand Customers	EirGrid
Tom Birney	Y	Battery Storage	EirGrid
Marie-Therese Campbell	Y	SONI GCRP Chair	SONI
Daniel McSwiggan	Y	TSO Member	SONI

Brian Mongan	Y	Aggregator Member	SONI
Cathal Martin	Y	RES - Renewable Generation	SONI
Jonathan Pollock	Y	DNO – NIE Networks Member	SONI
Stephen Hemphill	Y	Interconnector Owners - NI	SONI
Stephen Brownlees	Y	Generators - NI	SONI
Joe Coyle	Y	Generators - NI	SONI
Tim Steele	Y	UR Alternate	SONI
Jody O'Boyle	Y	UR Member	SONI
Position Open	N	Energy Storage	SONI

Other Attendees:

<u>Name</u>	<u>Present</u>	<u>Role</u>	<u>Panel</u>
Arlene Chawke	Y	TSO Secretary	EirGrid
John Ging	Y	TSO Observer	EirGrid
Gill Nolan	Y	TSO Observer	EirGrid
Colin D'Arcy	Y	Greenlink Observer	EirGrid
Angela Blair	Y	Power NI PPB Observer	SONI
Sarah Friedel	Y	TSO Observer	SONI

1. Introduction to JGCRP Meeting & Approval of Minutes

- a) Miriam Ryan (Chair) welcomed all members, observers and presenters to the meeting.
- b) The secretary received no comments to the [previous meeting Minutes](#) (go to 19 November 2019) and the Minutes were previously deemed approved.
- c) Miriam Ryan (Chair) reviewed the actions from the previous meeting:
 1. A high-level introduction – the application of Connection Network Codes to existing users following a modernisation or replacement of equipment:

Action 2(m): TSO to circulate a paper with the meeting Minutes and participants will have until 20 December to provide their comments. Please provide comments to girdcode@eirgrid.com or gridcode@soni.ltd.uk.

Closed – document circulated, and no comments were received.

2. All-island Review of the definition of Registered Capacity

- a) Miriam Ryan (EirGrid Chair) presented slides (slides 3 to 7 inclusive) on a review of the definition of Registered Capacity that both TSOs will undertake.
- b) Cathal Martin (RES - Large Scale Renewable Generation) raised the point that the main issue with Registered Capacity is not the definition as such but where it is applied in the Grid Code. The calculation of Reactive Power uses Registered Capacity as opposed to MEC. This is viewed as unfair by PPM Owners, for instance if a PPM has over-installed by 20%, then they are required to provide 20% more Reactive Power. In order to comply

with this additional Reactive Power requirement PPMs must install equipment such as Capacitor Banks and Statcoms and this can make the project unfeasible. Also, the calculation is rounded up. Cathal Martin (RES - Large Scale Renewable Generation) also suggested that Reactive Power should be a system service.

- c) Mark Coleman (Non-synchronous Renewable Generators) welcomes this review, he recommended that the TSOs issue a clarification in the form of an interim guideline on the application of MEC versus Registered Capacity, together with the differences in their application in SONI and in EirGrid. Such differences cause confusion with OEMs when it comes to finalising design, some will use Registered Capacity, and some will use MEC.
- d) **ACTION: Miriam Ryan (EirGrid Chair) will examine the above comments with the review group and will respond to Cathal Martin (RES - Large Scale Renewable Generation) and Mark Coleman (Non-synchronous Renewable Generators).**
- e) Jonathan Pollock (DNO) recommended a collaborative approach with the DNO and the DSO.
- f) Tony Hearne (DSO) agreed and he noted that it makes sense to keep the definitions consistent.
- g) **ACTION: Miriam Ryan (Chair) will take on board the recommendation to progress the review on all four codes.**
- h) **ACTION: Following on from a recommendation by Rory Griffin (CCGT Generator) the TSO will present findings on the first phase at the next JGCRP meeting.**

3. Grid Code requirement for DSU max down time ≥ 2 hr hinders DS3 provision

- a) Paul Troughton (Observer from Enel X) presented, on behalf of the DRAI, a discussion item on a Grid Code requirement for DSUs to meet a maximum down time of 2 hours or more (slide 8). The DRAI would like to bring a future proposal to remove this requirement from the Grid Code and the reasons for this are set out in the slide presented.
- b) Tony Hearne (DSO) asked Paul Troughton to confirm an utterance expressed at the start of the presentation that it is necessary to be a DSU in order to provide System Services. Paul Troughton (Observer from Enel X) confirmed that was his and DRAI's understanding.
- c) Both the EirGrid Chair and the SONI Chair agreed to host an extraordinary meeting towards the end of April for the DRAI to present a Grid Code modification proposal based on today's discussion. The DRAI will draft a proposal.
- d) **ACTION: The DRAI to draft a Grid Code modification proposal and submit to the TSOs. The plan is to host an extraordinary end of April.**

Post Meeting Note [added by Chair SONI Grid Code]: as the process differs for Modifications in IE and NI, a consultation of any modifications to the SONI Grid Code must take place which is typically 4-6 weeks. This must be factored into any timeline for changes to the SONI Grid Code.

Commented [CA1]: Post meeting comment from Tony Hearne

4. Regulatory Updates

- a) Jody O'Boyle (UR) and Dylan Ashe (CRU) both noted that the UR and CRU are working through their respective Modifications and respective Derogations. Dylan Ashe (CRU) further noted that the PR5 process is now closed, the CRU's focus is on the future arrangements for Systems Services and an update will be issued shortly.

5. AOB

- a) No items were raised under AOB.