

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

09 November 2022

Member Attendance:

<u>Name</u>	<u>Present</u>	<u>Role</u>	<u>Panel</u>
Sam Matthews	Y	JGCRP GCRP Chairperson	SONI
Conor O’Byrne	Y	TSO Member	SONI
Brian Mongan	Y	Aggregator Member	SONI
Sam Gibson	Y	Interconnector Owners - NI	SONI
Stephen Brownlees	Y	Generators - NI	SONI
Jody O’Boyle	Y	Utility Regulator	SONI
Timothy Steele	Y	Utility Regulator Alternate	SONI
William Deane	Y	RES – Small Scale	SONI
Krishna Anaparthi	Y	Electricity Storage	SONI
Gill Nolan alternate for Miriam Ryan	Y	EirGrid GCRP Chairperson	EirGrid
Niamh Daly	Y	TSO Member	EirGrid
Deirdre Hughes alternate for Anne Trotter	Y	TSO Member	EirGrid
Michael McCormack	N	Grid Connected Thermal Generators	EirGrid
Jennifer Geraghty	N	Grid Connected Thermal Generators	EirGrid
Oliver Caherty	Y	Grid Connected CCGT Generators	EirGrid
Daniel Grandjean	N	Grid Connected CCGT Generators	EirGrid
Mark Coleman	N	Grid Connected Non-Synchronous Renewable Generators	EirGrid
Peter King	Y	Grid Connected Non-Synchronous Renewable Generators	EirGrid
Paraic Higgins	Y	Grid Connected Pumped Storage	EirGrid
Position Open		Grid Connected Synchronous Renewable Generators	EirGrid
Bojan Vijackic	Y	Grid Connected Fast Peaking Plants	EirGrid
Mark Phelan	N	ESB PES	EirGrid
Position open		Independent Electricity Supplier	

Neil O'Sullivan	N	Transmission Asset Owner	EirGrid
Dylan Ashe	Y	Regulator	EirGrid
Karl O'Keeffe	Y	IE - Interconnector Owner	EirGrid
Lenka Poskova	N	Market Operator	EirGrid
Tony Hearne	Y	Distribution System Operator	EirGrid
Vlastik Buzek	Y	Grid Connected Demand Side Units	EirGrid
Martina Assereto alternate for Paul Troughton	Y	Grid Connected Demand Side Units	EirGrid
Gavin McClean	N	Grid Connected Demand Customers	EirGrid
Tom Birney	Y	Battery Storage	EirGrid
Hariram Subramanian	N	Solar Generation	EirGrid

Other Attendees:

<u>Name</u>	<u>Present</u>	<u>Role</u>	<u>Panel</u>
Arlene Chawke	Y	TSO Secretary	EirGrid
Richard Lavender	Y	Presenter (TSO Consultant)	EirGrid
Aaron Keogh	Y	Observer (TSO)	EirGrid
Claire Delaney	Y	Observer (TSO)	EirGrid
Conor McEvoy	Y	Observer (CRU)	EirGrid
Payal Soni	Y	Observer (CRU)	EirGrid
Danny McSwiggan	Y	Observer (DSU)	SONI
James McGrann	Y	Observer (TSO)	SONI
Ben Harris	Y	Observer (UR)	SONI

1. Introduction to JGCRP Meeting & Approval of Minutes

- a) Sam Matthews (SONI GCRP – JGCRP Chairperson) welcomed all members, observers and presenters to the meeting.
- b) No comments were received to the previous minutes and they were deemed approved.
- c) There was one action from the previous meeting on LCSi and this was deemed closed. A Synchronous Condenser Implementation Note has been issued by the TSOs and an update on the note will be provided at this meeting.
- d) The Review of the Registered Capacity Definition has been put on hold and will resume in December 2022. An update will be provided at the next JGCRP meeting in the new year.

2. Update on the Synchronous Condenser Grid Code Implementation Note

- a) Niamh Daly (EirGrid GCRP - TSO) presented a slide on behalf of John Carnwath (EirGrid), John led this piece of work. Should members or stakeholders require any further information, they can contact EirGrid and SONI at SOEF@EirGrid.com and SOEF@SONI.ltd.uk respectively.
- b) Paraic Higgins (Grid Connected Pumped Storage) advised that he required more time to review the implementation note, in relation to the Scheduling and Dispatch section. He made the point that more information is required on the 'variations' that are applied to the SDCs.
- c) **ACTION:** John Carnwath (EirGrid) to follow up on point (b) above with Paraic Higgins (EirGrid GCRP - Pumped Storage).
- d) **ACTION:** Tom Birney (EirGrid GCRP - Battery Storage) would like more information on the next steps and the collection of feedback from industry. Follow up on this request with John Carnwath (EirGrid).
- e) **ACTION:** Following a query on the plan to issue a draft signal list for industry, Sam Matthews (SONI GCRP – JGCRP Chairperson) will follow up on this with his team, System Operations.

3. Incorporation of Battery ESPS Implementation Note – Version 3

- a) Richard Lavender (TSO Consultant) presented an update on the Battery ESPS Implementation Note.
- b) Following a query from Tom Birney (EirGrid GCRP - Battery Storage) Richard Lavender clarified the difference between an Energy Storage Power Station (ESPS) and an Energy Storage Unit (ESU). An ESPS is made up of one or more ESUs only and does not include any other technology type such as wind-powered PPMs. An ESU is the individual generation unit that is part of the overall ESPS.
- c) Tony Hearne (EirGrid GCRP - DSO) noted that EirGrid and ESB Networks have been working in parallel to ensure that the definitions are aligned, and a modification proposal will be brought to the DCRP at the December meeting.
- d) Peter King (EirGrid GCRP - Non-Synchronous Renewable Generators) asked if the review of the Registered Capacity definition has taken the Battery ESPS incorporation into consideration. Gill Nolan (EirGrid GCRP - Chairperson) reassured the members that the Registered Capacity definition review is ongoing and will recommence in December 2022.
- e) Following a query from Paraic Higgins (EirGrid GCRP - Pumped Storage) on developing an implementation note for Hybrid Units, Gill Nolan (EirGrid GCRP – Chairperson
- f)) explained that Hybrid Units fall under Shaping Our Future.
- g) Tony Hearne (EirGrid GCRP - DSO) noted that there is an immediate gap given that some multi-user type units (wind/battery) are currently connected to the distribution system.

4. Regulatory Updates

- a) Dylan Ashe (CRU) noted Conor McEvoy is the new manager for Electricity Networks. There is a renewed focus on the Derogations Register and Modification Recommendations papers. Earlier today the CRU issued several modification approvals to EirGrid.
- b) Ben Harris (UR) noted the UR are working through Derogations, and more information will be provided at the SONI GCRP meeting.

5. AOB

- a) No items were raised under AOB.