



NI Grid Code Review Panel

Meeting 01 2023

10 May 2023





Agenda

1. Introduction

- a) Welcome to members
- b) Minutes and Actions from previous meeting 09/11/2022

2. Modifications and updates

- a) 1 Hz/s RoCoF modification update *SPID 01_2022*
- b) Solar Signal list Modification update *SPID 02_2022*
- c) EP Kilroot MCR clause modification *SPID 01_2020*
- d) Update on the implementation of the Connection Network Codes
- e) Grid Code Derogation and Modification Registers
- f) Modification to DSU definitions *SPID 01_2023*
- g) ESPS Modification *SPID 03_2022*
- h) GCRP Constitution Modification *SPID 02_2023*
- i) UR update

3. AOB

- a) Any required updates to GCRP membership
- b) Other

Introduction

- Welcome to Members
- Review of Minutes and Actions from previous meeting
09 November 2022
 - Draft Derogations and Modifications lists issued to members for comment - to be covered in upcoming updates (action carried forward from GCRP June 2022)
 - Membership of Panel – to be covered in AOB

Modifications and Updates

1 Hz/s RoCoF

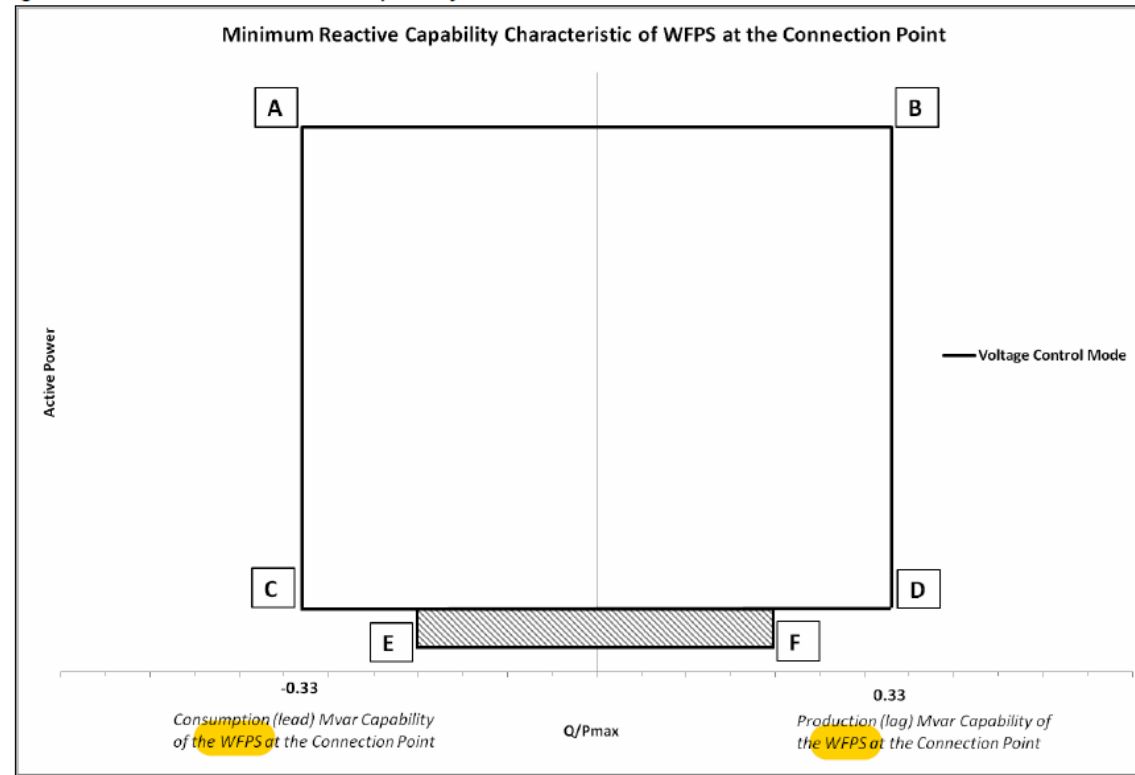
- Consultation finalised
- Consultation report submitted to UR for approval
- Any final comments

Additional signal requirements for Solar

- Consultation period finished with no feedback received
- Consultation period was extended to allow for feedback from GCRP solar representative
- No feedback received - confirm with solar representative
- Plan to issue consultation/ modification report to UR for approval
- Possibly include minor housekeeping edit on next slide if no concerns
- Any final comments?

Additional housekeeping edit for inclusion in PV update

Figure 2 – Minimum Reactive Capability Characteristic of the **PPM** at the Connection Point



EP Kilroot MCR clause update

- Jacobs review underway since end of January
- Jacobs are performing a two part assessment
 - Market research
 - EU Directives – Industrial Emissions Directives, BAT, etc
 - OEM – assessment of capabilities
 - TSO/ Grid Code assessment
 - Techno-economic assessment
 - Overall impact at a system level on both costs and overall emissions
 - Focus on meeting Policy targets
- Expected to be complete in June 2023 with results shared with GCRP

Update on the Implementation of Connection Network Codes

- RfG now fully incorporated into SONI GC
 - [Derogations](#) granted by UR on 16 February 2023
 - Frequency sensitive mode Parameters
 - FSM Frequency Response Capability
 - Voltage Withstand Capability
 - Maximum Reactive Voltage
- HVDC Requirements document has been updated and sent to the Utility Regulator for approval
 - An HVDC modification expected to be brought to next GCRP
- DCC modification is currently under development
 - SONI plan to close out the DCC Requirements document in parallel
- Application of CNCs to existing users document to be uploaded to SONI Grid Code page in the recently added European Networks Code section

Derogation and Modification Registers

- Aim to resolve the information that is “TBC” and publish to SONI website in June 2023
- Plan to introduce a Derogation section to the SONI website and to upload the derogation register here
- The Modification Register will be added to the recently updated Modification section of the SONI Grid Code page
- Any feedback on proposed format?
- Should all derogations and modifications, regardless if they have expired or not been progressed, be included in the initial published registers?

Modification to the GCRP Constitution

- Proposes three meetings as standard instead of four
 - Any member can propose an additional meeting be called if required for any reason
- Replaces specified set timings of March, June, September December to “regular intervals”
 - Less prescriptive/ restrictive
 - Reflective of recent GCRP operation
 - Alignment with Ireland and joint GCRP
- Change of venue from Castlereagh House to online with Castlereagh House as alternative
 - Should support increased participation in NI GCRP by making it easier for Panel members to attend

DSU Definition

- Discussion at JGCRP
- Any final comments?

Grid Code Implementation of ESPS

- Discussion at JGCRP
- Any final comments?

UR Update

AOB

- Any required changes to GCRP personnel?
- Other

Next SONI GCRP – either end of June or September – any comments?



Thank you