



JGCRP Meeting

Welcome to all members.

14 June 2022.

Agenda

- **Introduction:**

- Welcome Members;
- Minutes and Actions from [Previous Meeting](#) (go to 08 March 2022).

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- **Updates:**

- Definition of Registered Capacity Review;
- Low Carbon Sources of Inertia;
- Grid Code Implementation of Storage Units (All-Island);
- Incorporation of the RoCoF modification approved in principle by the RAs;
- CRU;
- Utility Regulator.

- **AOB.**

Registered Capacity Review Update

Miriam Ryan, EirGrid

Review conducted by all four SOs

Update

1. Low Carbon Sources of Inertia

John Carnwath, EirGrid

2. Grid Code Implementation of Storage Units

Aaron Keogh, EirGrid

Update on the Incorporation of the RoCoF modifications approved in principle by the RAs

Emma Fagan, EirGrid



Then...

- 2012: RoCoF modifications proposed
- 2013: NI modification updated following discussion at JGCRP (2 Hz/s requirement removed)
- 2014: modifications approved in principle by RAs, implementation pending studies and testing by generators

ROCOF Grid Code modifications

- CER decision

3.1 Summary

The CER approves the modification in principle, but it will only come into effect following confirmation from EirGrid that, from a system security perspective, it can be implemented. To determine this there will be an industry implementation project made up of three strands; TSO & DSO implementation; Alternative solutions; and generator studies. The implementation of RoCoF will be phased over a period of 18 to 36 months, with higher priority units being required to complete their studies first. The overall industry project will be coordinated by an independent consultant and overseen by the CER. Incentives will be implemented and will be progressed through the established SEM process.

in the PPA report, published alongside the consultation paper, there is a level of uncertainty regarding the technical capability of the Irish generation fleet and the potential requirements to undertake work to comply with the higher RoCoF standard, the CER therefore considers it prudent to propose to delay implementation of the RoCoF modification (MPID 229) for a period of time to allow the required studies and works to be carried out.

Therefore, the CER approves the modification, as proposed, in principle but the CER will not give effect to the new standard in the Grid Code until it has received confirmation from EirGrid that, in its professional judgement, a sufficient number of generators can comply with the standard to allow EirGrid to safely operate the system in a manner reliant on the new RoCoF standard. Generators shall be required to make a declaration to EirGrid regarding their level of compliance within 18 to 36 months of the publication of this paper.

NIAUR Decision

Our decision on the proposed Grid Code amendment

3.1 Our Decision

We consider that the introduction of a Grid Code standard that introduces a minimum RoCoF requirement is necessary to meet Northern Ireland renewable targets. Based on this the Utility Regulator approves in principle the proposed modification so as to facilitate progress in relation to generator studies. However our decision will only come into effect following confirmation from SONI that from a system security perspective it can be implemented.



Since...

- RfG
- PPM

...other modifications necessitate changes to numbering and formatting of approved clauses!



RfG

- RfG introduced the RoCoF requirement of 1 Hz/s over 500 ms rolling window for all plant subject to RfG
- Definitions and other related modifications were included at that time
- RoCoF for plant pre-RfG was not yet included



Now:

- Target approval and formal incorporation into both codes Autumn 2022
- EirGrid GCRP members will receive the updated mod over the coming weeks for a recommendation decision at Sept GCRP
- SONI GCRP members will have the updated mod presented at SONI GCRP meeting. A six-week consultation will follow during the summer.



Next

- Distribution Code modifications may need to follow

Regulatory Update

CRU

Utility Regulator



Thank you.

We will circulate the draft minutes by 28 June.