

## Code Administrator Meeting Summary

### GC0117: Improving transparency and consistency of access arrangements across GB by the creation of a pan-GB commonality of Power Stations requirements

Date: 18 March 2022

#### Contact Details

Chair: Ruth Roberts, National Grid ESO

[ruth.roberts@nationalgrideso.com](mailto:ruth.roberts@nationalgrideso.com)

Proposer: Garth Graham

[garth.graham@sse.com](mailto:garth.graham@sse.com)

#### Key areas of discussion

The Workgroup discussions are summarised according to agenda items:

#### Action Log review

The Workgroup talked through each action in the order it had been logged. The Workgroup agreed to close actions **8**, **21** and **32**. Current open actions can be found in the Actions log that would be circulated within the Workgroup papers.

#### Grid Code – Power Station Data Requirements

- AJ delivered a presentation on Grid Code Power Station Data Requirements containing matrices which showed the Grid Code requirements for Small, Medium and Large Power Stations. Full details are available in the presentation pack within the Workgroup papers
- AJ noted that whilst directly connected Small, Medium and Large Power Stations will have to submit data under the Data Registration Code (DRC), the categories of data to be submitted will be different. Also, the requirement is different for embedded parties not directly connected.

The Workgroup raised the following points in relation to this:

- Requirements for impacted parties needs to be made as clear as possible including specific pieces of data they will need to provide and who they would provide it to. If retrospectivity is applied, it would be onerous to get the data.
- Whether a customer will be in breach of the Grid Code if they do not provide data they ought to provide, the implication of this would be determined by Legal.
- Schedule 16 would apply to restoration standard.

- The matrices would need revising if GC0148 is approved and implemented as this would impact requirements on parties.

#### Registered Capacity

- Some Workgroup members felt that a clear definition for 'Registered Capacity' is needed for customers to determine level of impact. The current definition is deemed not clear and has been found to have been misapplied due to lack of clarity. It was agreed that this issue would be discussed further offline.

#### NGESO IT impacts – Capacity and Capability Update

Daniel Arrowsmith (DA) from NGESO IT Department delivered a short presentation on MW Dispatch (and dependencies) Roadmap, this can be accessed in the IT's Project Initiation Document via this link: <https://www.nationalgrideso.com/document/224726/download>

- DA provided the following updates following queries from the Workgroup as to the possibility of speeding up implementation of some of the proposed options (10MW and 50MW) and whether any formal impact assessment has been done:
  - There is a dependency on future Balancing Mechanism (BM) to go live before these solutions can be implemented hence, additional resources is not the main factor that could hinder acceleration of progress.
  - There are mathematical optimisation challenges – as the required skillset is niche and rare it is difficult to recruit the right expertise. It may be possible to train/upskill people, but this would require time and that forfeits the purpose of timesaving.
  - No formal Impact Assessment has been done yet.
- DA advised that if the LEEMPS PLUS option is the Workgroup's approved option, IT have factored in demands that will fall on the DNOs to build/develop their current technology to accommodate changes as it will be rolled out to all DNOs including those in Northern Scotland.
- The earliest the LEEMPS PLUS can be implemented is 2027, this will extend to 2029 if retrospectivity will apply.

#### LEEMPS Plus update

- This option would create opportunity for full visibility between the ESO and DNO and build on Open Networks (ON) projects. Also, under this option, data will only need to be submitted once by Generators and Embedded generation included in Balancing Mechanism.
- AJ advised that from discussions held within the ESO and external discussions with Elexon, it was established that the "LEEMPS Plus" option has many potential advantages but could be complex.

#### Tabled Options overview

- There was a general view that there was not sufficient detail for options 4, 5 and 6 and this should be further developed to enable the Workgroup make decisions of their preferred option.
- Most Workgroup members felt that all options are viable and should be investigated further and that none should be excluded at this stage. The Proposer favours option 1 but open to all other options as long as they address the defect of the Original Proposal.
- A Workgroup member suggested including the implications of option 6 to the Tabled Options and a comparison of the interpretation of Risk Capacity within the code against the Licence Exemptions Threshold.
- It was agreed that a request for a 2month time extension will presented to the Grid Code Panel for approval. This is to allow the ESO enough time to develop the legal text.

#### ON Networks

Ian Povey (IP) and Avi Aithal (AA) from Open Networks (ON) attended the meeting to provide updates to the Workgroup and suggest how they may help. They shared the Cost Benefit Analysis they had submitted to the Authority. This can be accessed via this link:

[https://www.energynetworks.org/assets/images/Resource%20library/ON22-WS1B-P6%20CBA%20for%20Operational%20DER%20Visibility%20and%20Monitoring%20\(16%20Feb%202022\).pdf](https://www.energynetworks.org/assets/images/Resource%20library/ON22-WS1B-P6%20CBA%20for%20Operational%20DER%20Visibility%20and%20Monitoring%20(16%20Feb%202022).pdf)

- IP and AA advised the Workgroup that they will be made aware once Ofgem decide. The ON team had no update on timeframe for Ofgem decision.
- It was clarified that the ON project does not cover system operability

### Next Steps

- The Code Administrator to amend the timeline and request a 2-month time extension from the Grid Code Panel. Once approved the revised timeline will be circulated to the Workgroup prior to the next meeting.
- It was agreed that the next workgroup meeting will be rescheduled to be held 27 April 2022. At this meeting, the Workgroup will deliberate on all 6 proposed solutions and decide which ones will proceed to consultation. If a time extension is granted, the additional workgroup meeting is where the Workgroup will finalise the draft legal text and WG consultation report.
- The ESO reps to develop the tabled solution and circulate to the Workgroup prior to the next workgroup meeting.
- A subgroup to be set up to further analyse legal text and impact on parties going from small to large.

### Participants

Attendees	Initial	Company	Position
Ruth Roberts	RR	Code Administrator National Grid ESO	Chair
Banke John-Okwesa	BJO	National Grid ESO	Technical Secretary
Alan Creighton	AC	Northern Powergrid	Workgroup Member
Calum Watt	CW	SSEN Transmission	Workgroup Member
Garth Graham	GG	SSE Generation	Proposer
Graeme Vincent	GV	SP Energy Networks	Workgroup Member
Mike Kay	MK	Electricity North West	Workgroup Member
Paul Youngman	PY	Drax	Workgroup Member
Richard Wilson	RWi	UK Power Networks	Workgroup Member
Richard Woodward	RW	National Grid Electricity Transmission	Workgroup Member
Tim Ellingham	TE	RWE	Workgroup Member
David Halford	DH	National Grid ESO	ESO Representative
Tony Johnson	TJ	National Grid ESO	ESO Representative

For further information, please contact the Code Administrator.