

Meeting summary

Grid Code Development Forum – 23 November 2022

Date:	23/11/2022	Location:	MS Teams
Start:	09:00	End:	09:55

Participants

Attendee	Company	Attendee	Company
Jamie Webb	National Grid ESO (Chair)	Paul Bedford	Drax
David Halford	National Grid ESO (Tech Sec)	Gavin Baillie	SSE
Joshua Jones	National Grid ESO (Presenter)	Andrew Larkins	Sygensys
Frank Kasibante	National Grid ESO (Presenter)	Sean Gauton	Uniper UK
Can Lee	National Grid ESO (Presenter)	Prageeth Warnasinghege	SSE
Bieshoy Awad	National Grid ESO	Lisa Waters	Waters Wye Associates
Usman Farook	National Grid ESO	Parsa Salehi Azari	EDP
Deborah Spencer	National Grid ESO	Paul Youngman	Drax
Graeme Vincent	SP Transmission	Sreedhar Desabhatla	GE Gas Power
Alan Creighton	Northern Powergrid	Darvesh Abbas	Northland Power
Lakshmipathi Chinna Murugan	Nordex	Alexander Aristodemou	National Grid
Paul Crolla	Muirhall Energy	Mark Ajal	Volitalia
Faiva Wadawasina	Fakck Renewables		

Agenda and slides

A link to the Agenda and Presentations from the November GCDF can be found [here](#)

GCDF

Please note: These notes are produced as an accompaniment to the slide pack presented and provide highlights only of discussion themes and possible next steps.

Meeting Opening – Jamie Webb (GCDF Chair) & David Halford (GCDF Tech Sec), NGESO

The meeting was opened, and it was noted that it would be recorded in order for it to be uploaded onto the ESO website with the meeting summary notes. An overview of the agenda items that were to be discussed was covered.

RIIO-2 Business Plan 2 (BP2) – Update

Discussion themes / Feedback

A presentation was shared by the NGESO Regulatory Business Planning Team to provide an update on the RIIO-2 Price Control Business Plan 2 (BP2) prior to the release of the Ofgem draft determinations

No comments or questions were received in respect of the presentation, but it was added that NGESO will be looking to engage with stakeholders to discuss the outcomes of the draft determinations throughout early December.

Digitalised Whole System Technical Code Update – Frank Kasibante, NGESO

Discussion themes / Feedback

An update was shared on the Alignment, Simplification and Rationalisation (ASR) Workstream of the Digitalised Whole System Technical Code project, including background of the dWSTC project, and current progress being made on the “Operating Code No.2” section of the Grid Code in terms of the areas of improvement which have been identified by industry stakeholders.

It was asked if the modification that would follow as a result of the simplification and rationalisation of Operating Code No2 would be covering just the areas of the code that have been amended and would this modification go through the self-governance process or require approval from Ofgem?

The modification would only be covering the changes made as part of OC2, but in terms of whether this will be a self-governance modification, this is something that is being discussed with the Steering Group currently with a view that that by the end of January 2023 we will have a decision on the governance route for the proposed modification.

It was asked whether the project has spoken to Elexon in relation to the digitalisation of the BSC as some issues were identified during this process?

It was confirmed that the project team has been speaking to both Elexon and DCUSA in relation to the digitalisation work that both of these codes have been through in order to ensure any lessons learned have been captured and incorporated into the project.

Will definitions be created as a result of the of simplification of OC2 or will amendments be made to existing definitions being mindful that definitions referenced in OC2 could also be referenced in other part of the Grid Code so checks would need to be made to ensure there would be no knock-on implications as a result of any change?

The project has been looking at existing definitions with a view to redefining some of those. A large part of the on-going work in relation to simplification is to ensure there are no adverse effects from amending any of the current definitions in other parts of the code.

If industry stakeholders would like to participate in the reviewing of the OC2 redraft, then please contact Frank Kasibante at box.WholeSystemCode@nationalgrideso.com.

Potential Grid Code Modification as a result of SQSS Modification – GSR029 (Review of Demand Connection Criteria to align with EREC P2/7)

Discussion themes / Feedback

A presentation was shared detailing of a potential Grid Code Modification that will be required as a result of SQSS Modification GSR029 – Review of Demand Connection Criteria to align with Engineering Recommendation (EREC) P2/7. An overview of the SQSS modification was presented along with the potential Grid Code changes that may need to be implemented as a result of this.

The modification appears to be focussed on impact of Demand Side Response, but alongside this should there be consideration of failure modes of Demand Side Response within the SQSS and the impact of events in the digital control systems for Demand Side Response on system security e.g., many of the Demand Side Response system are dependent on communication over the internet, and if a major Internet Service Provider were to go down, what impact would that have on the system?

An innovation project was undertaken for the ESO in respect of impact of mass EV charging and Vehicle to Grid on system security with recommendations that the SQSS should consider digital contingencies such as a failure of Internet Service Providers and aggregators IT systems. Should consideration be given in terms of what are “Secured” and “Unsecured” Events are in this world of aggregation and demand side response?

It is recognised that in this digitalised world this is something that certainly needs to be considered although Common Mode Failures are explicitly referenced in “EREP 130” which the is what the Grid Code and SQSS is looking to reference so should be in scope from a GB perspective.

It was referenced that the potential Grid Code modification could have interactions with current modifications (GC0117 - Improving transparency and consistency of access arrangements across GB by the creation of a pan-GB commonality of Power Stations requirement) and (GC0139 - Enhanced Planning-Data Exchange to Facilitate Whole System Planning)

AOB

Attendees were reminded that the meeting recording and summary notes will be published on the GCDF webpage, with the dates for the GCDFs planned for 2023 also available on this page.

The Chair thanked the attendees and presenters for their contributions and closed the meeting.

The next GCDF will be held on the 11th January 2023 with the 4th January being the deadline for agenda items and presentations.

Action Item Log

Action items: In progress and completed since last meeting

ID	Month	Agenda Item	Description	Owner	Notes	Target Date	Status
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