

Meeting summary

Grid Code Development Forum – 4 October 2023

Date: 04/10/2023 **Location:** MS Teams
Start: 09:00 **End:** 10:05

Participants

Attendee	Company	Attendee	Company
Terry Baldwin	National Grid ESO (Chair)	Scott Goodwin	Utility Results
David Halford	National Grid ESO (Tech Sec)	Nicola Barberis Negra	Orsted
Ruby Pelling	National Grid ESO (Presenter)	Suzanne Law	SSE
Alice Beddow	National Grid ESO (Presenter)	Isaac Gutierrez	Scottish Power
Yichen Liu	National Grid ESO (Presenter)	Christer Danielsson	Hitachi Energy
Jeno Abraham-Kodmon	National Grid ESO (Presenter)	Ruth Kemsley	EDF Renewables
Deborah Spencer	National Grid ESO	Harry Burns	EDF Renewables
Thomas Roe	National Grid ESO	Monica Crosa	RES Group
Emma Sims	National Grid ESO		
Lizzie Timmins	National Grid ESO	Ross Strachan	Scottish Power
Graeme Vincent	SP Energy Networks	Leo Moraga	Neuville Group
Garth Graham	SSE	Stephen McKellar	Scottish Power Renewables
Paul Youngman	Drax	Sreedhar Desabhatla	GE
Alan Creighton	Northern Powergrid	Mzamoyabo Sibanda	SSE
Sean Gauton	Uniper Energy	Adil Abdalrahman	Hitachi Energy
Harry Hutchinson	Gresham House	Oluwabukola Daniel	EDF Renewables

Agenda and slides

A link to the Agenda and Presentations from the October 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 – Terry Baldwin (GCDF Chair) & David Halford (GCDF Tech Sec), NGESO

The meeting was opened, with an overview of the agenda items that will be covered.

Presentation: Creation of Interconnector Framework – Request for Input – Ruby Pelling and Alice Beddow - NGESO

An update was shared in relation to the Interconnector Framework request for input that will be published by the ESO in early October 2023.

Discussion themes / Feedback

It was asked how long the request for input would be open for?

The intention is for it to run for around 4-6 weeks, but we would be open to extending this in order to maximise the number of responses.

Will the Interconnector Framework include any changes or impact current technical requirements for Interconnectors which are currently documented in the Grid Code?

The Framework could be made up of a number of various aspects which include the technical arrangements. We would welcome views via the request for input in terms of what this framework could consist of.

It was asked why Interconnectors should get a framework where other users have to navigate through the various industry codes and obligations. Is there a specific reason why this framework should be related to Interconnectors only?

An Interconnector Framework does not exist at present so we are looking to see how we can improve consistency across interconnector arrangements, whether that be a standalone document or incorporating it into the existing codes. Again, we welcome views on thoughts of how this could be structured via the request for input.

Is there a thought that the current arrangements for Interconnectors within the codes could lack transparency with various ad-hoc arrangements in place as a result of this?

We would certainly look to harmonise where we can in terms of different arrangements that could be in place for different Interconnectors today.

It would be good to understand what we actually mean by a 'Framework' and what the problem or defect is that we are looking to address. For example, are these current issues that need to be codified?

We will take these comments on board as these are the types of questions that will assist us when putting together the framework.

It was asked if it would be worth returning to a future GCDF to maybe walkthrough the Request for Information to ensure you maximise the responses from stakeholders.

We will take this away and look for a suitable date to return to a future GCDF.

It was noted that the Request for Input will be published on the [European Network Codes webpage](#) and will also be sent to via the JESG mailing list which interested parties can sign up to [here](#).

Presentation: Data collection from Dynamic System Monitoring (DSM) Systems – Industry Questionnaire – Yichen Liu and Jenö Abraham-Kodmon – NGESO

Following the presentation at the August 2023 GCDF in relation to the request for Dynamic System Monitoring (DSM) data from Users, an update was shared in relation to a questionnaire that has been sent to Grid Code Users in order to collect information in relation to DSM units and potential methods for collecting DSM data.

A link to the questionnaire can be found [here](#)

Discussion themes / Feedback

It was asked if a hard copy of the questionnaire could be made available?

This was currently being proposed as an online questionnaire only, but a hard copy could be supplied by contacting the System Monitoring inbox at box.SystemMonitoring@nationalgrideso.com.

In terms of verifying compliance, what is being verified?

This would depend on the event that has taken place on the system e.g., Fault Ride Through failure.

A number of discussions were held in relation to the current Grid Obligations for the ESO receiving DSM data at present and what the questionnaire is seeking to address. Will there be new obligations on Users which will require a Grid Code modification to be raised? Will impacted Users have any opportunity to contribute to any potential changes or will this be something that the ESO just implements?

The aim is to not introduce new obligations on Users but to more develop a solution which could make it easier for them to provide the data that they are currently obliged to through the Grid Code and Technical Specification requirements should Users wish to utilise this. We are aware that any changes to current Grid Code obligations would require a formal modification to be raised.

It was highlighted that this is a good opportunity to improve the process, especially for Users in Scotland who do not have access to the communications infrastructure, with the Grid Code and technical specifications being quite vague. We need to be mindful that we don't amend any obligations with a specific solution that could be outdated in a few years' time.

It was mentioned that there can be issues with the format of the DSM data that is supplied to the ESO and whether data is '.cff' format is useful to the ESO and how is this converted.

It was confirmed that the '.cff' or '.cfg+.dat+.inf' format can be converted and is acceptable format.

It was mentioned that the resolution from PMU's was not sufficient. What resolution should this be?

The resolution should be at least 256 samples per cycle which is 12.8 kHz.

The current view is that a summary of the questionnaire responses will be shared at the GCDF scheduled for the 22nd November.

AOB

Attendees were reminded that the GCDF can be used by any industry party to present potential Grid Code changes and future agenda items are welcomed.

The dates for the 2024 GCDF sessions will be made available on the [GCDF webpage](#) and a link also sent with the summary email for the October GCDF.

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

The next GCDF will be held on the 1st November 2023 with the 25th October being the deadline for agenda items and presentations.

Action Item Log

Action items: In progress and completed since last meeting.

ID	Agenda Item	Description	Owner	Notes	Target Date	Status
2310	Scottish Oscillation Issues	When will ESO presenting the outcomes from the issues experienced in Scotland relating to oscillations?	David Halford /Terry Baldwin	Investigations still on-going with outcome of investigations to be presented at a future Operational Transparency Forum. Details of how to register for the OTF can be found here	November	Open
