

Northern Powergrid	Subject:	Grid Code Review Panel
Day After Report	Author:	Alan Creighton
	Date:	22 February 2018
[DCRP_18_03_02]		

All

Below is my DAR from the Grid Code Review Panel meeting.

Key points to note include:

- EU Emergency & Restoration Code. Seemingly JESG have done the E&R code mapping. It's not clear that DNOs are represented at JESG – so the code mapping might not have been carried out with all the relevant stakeholders in the room. Need to make sure that DNOs are properly engaged in this process. AMC to raise at the ENA Steering group tomorrow.
- Publication of electricity system warnings (GC0109). It's likely that there will be a new obligation on DNOs to publish information relating to emergency actions that may be of interest to Market participants e.g. implementation of DNO triggered voltage reduction
- EU RfG implementation. GC100,101 and 102 have been sent to Ofgem. A decision is expected in March
- EU DCC implementation. The plan was to issue the WG consultation this week, but this is likely to be deferred to resolve some DSR related information and concerns DNOs have.
- EU SOGL implementation. Next WG meeting on Wednesday (28 Feb)
- GC0096, Storage WG report is not now expected until May
- The Code Administrator is keen to prioritise the current GCode Modifications to manage the workload
- The 5 RES documents that have been discussed during 2017 will be recirculated for a final 20 day consultation period.
- Ofgem gave a presentation on the Regulatory 'Sandbox'

Other interesting snippets highlighted in yellow

Regards Alan

Attendees:		Apologies:	
Panel Members		Panel Members	
Trisha McAuley	Code Admin Chair	Fergus Healy	NGET rep
Alan Creighton	DNO / Northern Powergrid	Nick Ruben	BSC Rep / Elexon
Damian Jackman	Generator / SSE Generation	Gurpal Singh	Ofgem
Alastair Frew	Generator / SP	Steve Cox	DNO / ENW
Shilen Shah	Ofgem		
Nadir Hafeez	Ofgem		
Kate Dooley	Generator EUK		

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Guy Nicholson Naomi Davies Chrissie Brown Rob Longden Kyla Berry Graeme Vincent Observer Rob Wilson Simon Sheridan Garth Graham	Generator Element Power NGET Code Admin Rep NGET Code Admin Rep & Tech Secretary Supplier Cornwall Energy NGET rep Onshore TO / SPT NGET	
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Panel Alternates

John Lucas – BSC Representative
Gordon Kelly SP (2017) and Jim Barber (2018) – DNO Representative
Fergus Healy – NGET Representative
Le Fu – Onshore Transmission Operator
Lisa Waters – Generator
Sigrid Bolik – Generator

Issue	Paper No:	Summary
1 Welcomes		•
2 Minutes of last meeting	PP1	• OK
3 Action log	PP2	• 66 SOGL forward work plan to be presented at the next GCDF. AF has concerns that there is at least one issue that needs to be resolved by September 18. AF and RW to consider further.
4 New Modifications		
4a GC0108 EU Code Emergency	PP3 PR1	• E&R Code now become law • Following a code review undertaken via an industry issue group (Black Start Forum) it has been concluded that

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and Restoration Black Start testing requirement'		<p>changes to the Grid Code are required.</p> <ul style="list-style-type: none"> E&R states that each restoration service provider shall execute a black start capability test at least once every three years. Current legislation states this should be tested no more than once every two years. Proposal is to change OC5. There was a concern that the proposed legal text doesn't just change the frequency of the tests, but also seems to make changes to the type of test eg a (whole) Black Start Station test and a Black Start Unit test. Unit tests are less onerous, so there was concern that the draft text watered down the existing GCode requirements, which was probably unacceptable. Agreed that RW will clarify the E&R legal text re Station or Unit and represent at the next GCRP. AMC to see if Network Management have any concerns General point about other potential changes arising from E&R Code. Seemingly JESG have done the E&R mapping. It's not clear that DNOs are represented at JESG – so the code mapping might not be carried out with all the relevant stakeholders in the room. Need to make sure that DNOs are properly engaged in this process. AMC to raise at the ENA Steering group tomorrow.
4b GC0109 'The open, transparent, non-discriminatory and timely publication of the various GB electricity Warnings or Notices or Alerts or Declarations or Instructions or Directions etc., issued by or to the Network Operator(s)'	PP4 PR2	<ul style="list-style-type: none"> This issue first arose following discussions at the E3C Communications Task Group during the summer of 2016. It was raised by EnergyUK with NGET in the autumn of 2016 and discussed at the E3C Electricity Task Group during 2017 than again by EnergyUK members in February 2018 – where the proposal received broad support. The concern relates to visibility to Market Participants of actions taken by Network Operators that may change energy balancing on the system. The Grid Code will need to be amended to set out the procedure for the timely publication of the various GB electricity Warnings or Notices or Alerts or Declarations or Instructions or Directions etc., issued by or to the Network Operator(s). These are real time notifications that will need to be published. The proposal is to publish the 'warnings' in an easy web based / text format – simplistically this may just a case of adding some additional names to emails. There is a table of the various Warnings issued as part of the GCRP papers Only a subset of the warnings are currently published by NGET/other industry parties such as Elexon via the BMRS. There are some DNO actions that probably need to be included in the publication eg DNO initiated voltage control /

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		<p>demand control.</p> <ul style="list-style-type: none"> • NGET concerned that there might be confidential information issues that may arise, so it might not be possible to complete the work for October which is the proposed date. • GCRP Agreed that the change is material (hence not self-governance) and that a WG needs to be set up. WG consultation likely to be required. • ToR need to include <ul style="list-style-type: none"> ○ the legal requirements, ○ timeline ○ the list of warnings that GG circulated ○ a review of the existing process (to see whether they are sufficient / could be extended) and how a Market Participant can 'be added to the circulation list'. • Seems like sharing this information might be a current (legal) requirement and may have been the case for some time. • NGET to issue nominations for WG members
5 Workgroup Reports GC0099 Establishing a Common Approach to Interconnector Scheduling	PP5	<ul style="list-style-type: none"> • This Modification seeks to introduce the interconnector scheduled transfer process to the Grid Code in order to establish common timings which are compatible with both the EU single intraday market coupling processes, and GB and EU balancing processes. • WG consultation has been issued, comments received and considered. • WACMs have been developed to address concerns about the 10 minute time associated with delivering data. • Agreement that the ToR have been met, although some tidying up of the WG report are required. • CA consultation to be issued in the next few days.
6 Authority Decision GC0098 Using GB Grid Code data to construct the EU Common Grid Model in accordance with Regulation (EU) 2015/1222 (CACM) and Regulation (EU)		<ul style="list-style-type: none"> • Ofgem decision to uphold the appeal and quash the GCRP decision • NGET looking to update the draft legal text to address Ofgem's concerns ideally for the end of March. This would be presented at the April GCDF. • The challenge is to be clear about the data that actually needs to be sent to ENTSOe – rather than lots of detailed data. • There will be another CA Consultation. • NGET of the view that this should be relatively easy to resolve.

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2016/1719 (FCA).		
7 Current Modifications	PR3	<ul style="list-style-type: none">
7a GC0096 Storage		<ul style="list-style-type: none"> Delivery of the WG report and legal text has been impacted by GC100-102. GN concerned that the original driver ie a significant number of Storage Offers given that offers will now have been made. The aim of the Mod was to clarify the technical requirement currently in the GC. WG consultation now expected in May 2018
7b GC0097 TERRE		<ul style="list-style-type: none"> WG considering the consultation responses WG is due to report to panel in April
7c GC0098 Common Grid Model		<ul style="list-style-type: none"> See above
7d GC0099 Common Approach to Interconnector Scheduling		<ul style="list-style-type: none"> See above
7e GC0100 RfG & HVDC Mod 1		<ul style="list-style-type: none"> The Code Administrator Consultation closed on 2 Feb 2018. Draft Final Modification Reports were issued to Panel on 6 February 2018 ahead of a Special Grid Code Review Panel on 8 February 2018 Panel Recommendation Vote held on 8 February. Across all three modifications, there was majority support for the original Proposal. Final Modification Reports were submitted to Ofgem on 20 February 2018.
7f GC0101 RfG & HVDC Mod 2		<ul style="list-style-type: none"> See above
7g GC0102	Pr1	<ul style="list-style-type: none"> See above

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RfG & HVDC Mod 3		
7h GC0103 Harmonised Standards		<ul style="list-style-type: none"> Initial mapping session held on 9 November. The TOs are considering the potentially far reaching implications of implementation the Mod Proposal. This is a significant amount of work and hence it's been challenging to establish the timescale. Workgroup meeting to be set up for late March 2018 to look at actions and potential alternatives dependent on prioritisation discussions at Panel of the modification SP have made progress on their requirements CA can't find a technical chair, but this doesn't seem to be such an issue now although NGET would still like to find a Technical Chair and will ask ENA again.
7i GC0104 DCC		<ul style="list-style-type: none"> WG meeting held yesterday CA is looking to issue the WG Consultation very soon, but WG members have expressed some concern about the current legal text – re demand side response and DNO definition.
7j GC0105 System Incidents Reporting		<ul style="list-style-type: none"> WG meeting after the GCRP today
7k GC0106 Data exchange requirements in accordance with Regulation (EU) 2017/1485 (SOGL)		<ul style="list-style-type: none"> WG progress is dependent on KORRR Work ongoing to develop solutions for non KORRR related issues WG meeting 28 February The final WG solution depends on the final version of KORRR
7l EU network Codes RfG 'Specific Values' GC107		<ul style="list-style-type: none"> Proposal put forward by SSE to publish separately in an open and transparent manner the parameters that Relevant System Operators need to specify. Only for RfG at the moment, but it's likely that there will be follow on proposals re DCC at least. The first Workgroup meeting was held on Monday 18 December 2018 where the Workgroup held discussions on whether the modification is required for EU compliance. All Workgroup members with the exception of the Proposer stated that it was not required for compliance. Timeline not agreed - needs to fall out of the Prioritisation exercise
8 Prioritisation /	John Toomey?	<ul style="list-style-type: none"> Forward Workplan and Horizon Scanning and prioritisation of current modifications.

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horizon scanning	(responsibility for Code Governance in NGET)	<ul style="list-style-type: none"> • There are 14 inflight Grid Code • Governance rules allow panels to prioritise. This is a prioritisation process rather than a decision 'not to do something' • Similar discussions held at CUSC • Principles prob include <ul style="list-style-type: none"> ○ Legal compliance ○ Impact on consumers – linked to known value / risk to consumers. CUSC had some time ago asked for guidance here. Could well be quite difficult to assess impact on customers. Ofgem's decision making process tends to take into account the impact on consumers – rather than it being a Code consideration. ○ Best use of industry time. Need to give more thinking on this – poss based on the complexity of a Mod Prop (more complex mod implies more industry time) ○ Realises the GCode relevant objectives (which doesn't include an impact on customers which was a conscious decision from Ofgem in the past. Facilitating competition generally will result in benefits for customers) • NGET are able to bring some additional resources although they are constrained by the T1 Regulatory funding • Ofgem have a statutory duty to consider consumers, as one of their duties. • Agreed that there would need to be visibility of the priorities and the timeline. • Agreed that GCRP need to take a relatively high level view of each of the criteria for each Mod Proposal • CA to draw up a straw man for the priority and for the panel to have a view on this.
9 Draft Final Mod Report		<ul style="list-style-type: none"> • None
10 RES		<ul style="list-style-type: none"> • Governance Rules in GC11 for 'ordinary' and 'urgent' • Agreed that tracking of proposed RES changes would be very helpful • The RES governance process can't be changed without a GCode Modification, but some clarification within the process would be helpful - a general agreement that additional transparency via tracking would help. • NGET separation will require this to look RES documents and their governance. • The final 'five' RES's will be circulated again. • GC100-102 There are 3 RES documents associated with RfG. These are currently being drafted and will be circulated to the GCRP soon. These will also need to be assessed by the other TOs to determine if amendments to the Scottish RES documents are required.

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11 Governance Review		<ul style="list-style-type: none"> Lessons learnt from GC0100-102 Recommendation Vote held 8/02/2018 Special Meetings are non-preferred but work if the timescale requires them. Voting process – prepopulated templates sent out, but panel members probably felt that a discussion was needed prior to voting. There was a discussion on the voting process and it seems like this is a ‘legal requirement’ – and the voting at the meeting is ‘final’ – so not too much flexibility to change anything.
12 GCDF & WG Day		<ul style="list-style-type: none"> GCDF 7 March <ul style="list-style-type: none"> Generation disconnection FFCI and some DCode changes arising from RfG WG Day – agenda to be finalised
13 Report to the Authority GC0100-102		<ul style="list-style-type: none"> See above Decision expected before the end of March 2018
14 Standing Items	PP7	<ul style="list-style-type: none"> Code summary <ul style="list-style-type: none"> CMP291 CUSC Modification – Contract Arrangements arising from EU Network Codes. GSR0016 SQSS. WG to be asked to give a presentation to the next GCRP JESG <ul style="list-style-type: none"> Update to be emailed
15 Impact of Code Mods		OK
16 AOB Ofgem Innovation	Scott (Ofgem)	<ul style="list-style-type: none"> Facilitating future innovation Energy is highly regulated so Ofgem have thought how to help innovators understand the regulatory environment – Ofgem will provide support via a ‘helpline’ Regulatory sandbox is to enable innovators to trial new products or services in a safe environment where they face a regulatory barrier – e.g. to supply licences. Would be via a derogation – e.g. temporary derogations in a supplier licences to facilitate peer to peer trading Trials also help Ofgem better understand the regulatory / legislative implications of innovative ideas Elxon are developing BSC Mod to help facilitate a BSC Sandbox
16 AOB RoCoF		<ul style="list-style-type: none"> To be published on the NGET website

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Incident Report		
16 AOB Australia Blackout		<ul style="list-style-type: none"> During a period of severe adverse weather 3 transmission circuits in the South Australia area faulted in March 2017. A number of windfarms within the area experienced protection lock-out due to the number of voltage disturbances/faults 'seen' by their protection which had arbitrary repeat lock-out settings. The combined result was that an interconnector to the area overloaded thermally and tripped. The area was then islanded and, with generation and demand in the islanded area very unequal, system frequency in the island could not be sustained resulting in a blackout. A contributory factor to the experience of multiple faults is likely to have been low system inertia that led to increased volatility and potentially an increased number of fluctuations clocking as fault events. NGET had issued a survey to establish the performance of generators installed in GB, but only three manufacturers had responded.
16 AOB Legal Separation Codes Update		<ul style="list-style-type: none"> Webinar arranged for 28 Feb 0900-1000
16 Brexit		<ul style="list-style-type: none"> Ofgem have circulated a summary of the current GCode and assessed the possible changes that may need to be made post Brexit. However the industry is currently proposing lots of new GCode (and DCode) changes that will also need to be unpicked....
17 Next Meeting		<ul style="list-style-type: none"> 22 March