DCRP		**Subject:**	**Grid Code Review PanelDAR**
Day After Report		**Author:**	**Alan Creighton**
		Date:	**16 November 2016**
			DCRP_16_04_03

Gents

Below is my DAR from the Grid Code Review Panel meeting. Key points to note include:

- The lack of transparency of the requirements in the Grid Code that Energy Storage systems need to comply with is becoming an increasing issue. ToR for a joint GCRP and DCRP will be developed for the next GCRP.
- The implication of EU project TERRE (Trans European Replacement Reserves Exchange) has been worked on by the BSC for some time and is now being considered at the GCRP. The key parties affected are BM participants rather than smaller embedded generators, but TERRE is applicable for generators >1MW i.e. embedded, although it's likely that if they want to participate in TERRE they will need to become a BM unit. There does seem to be different levels of BM participant – there may be some definitional issues in the DCode, and there could be some commercial implications. David Spillett to consider how to identify the potential implications for DNOs – poss via COG.
- Triggered by a discussion on the use of an Issues Template to raise any new issues it emerged that under Open Governance GC0086 the GCRP is only a decision making body and all issues seemingly need to be raised first under the GCDF – so issues can't be raised directly at GCRP. There was a discussion that some panel business E.g. prioritisation of resources wasn't really an 'issue'. Further thought required by NGET. The concern was emphasised in AOB where NGET presented an issue re the Week 24 submissions which hadn't been discussed at GCDF and the slides hadn't been circulated before the meeting (neither had he EID slide).
- EU Code RfG. Consultations on Banding, Fault Ride Through, Reactive power and voltage are expected soon.
- EU Codes TSOG. EIF expected in Q1 2017 with phased implementation over several years, although there rumours that this may be delayed to June 2017. The GCode and DCode EIF implications are being developed, but there is some concern that implementing some of the later requirements e.g. related to information exchange may be more challenging.
- EU Codes. Emergency & Restoration EU code: NGET have carried out an initial code mapping exercise and are considering how best to move this forwards.
- An interesting discussion on the emerging EID EU Code implementation approach that was tabled by NGET at recent JESG meeting. NGET presented the paper as a Code Administrator as requested rather than as the proposer of the initiative – hence they were unable to answer questions from the GCRP (especially DS) as to what the motivation / driver was behind the proposal. It was suggested that panel members should attend the next JESG meeting on 23 Nov to express any concerns. It was agreed that the panel (as the party that needs to ensure that the EU codes are reflected in GB Codes) should express a formal view and RL / GN agreed to create an initial draft for comment – although timing is tight. The general feeling was that the various EID options were unclear. It's not clear at all who decides which implementation approach should be adopted – JESG isn't a decision making body.
- There were a few slides presented by a couple of the NGET Week 24 team expressing concern about the timeliness and accuracy of the Week 24 submission, although they had no view of whether the problem was getting better or worse. They are also concerned about the difficulty and time consuming nature of validating the data received and that this was unsustainable in an environment where even more data was required e.g. to comply with the EU Codes (TSOG)– CIM approach would be better.

Other interesting snippets highlighted in yellow

Regards Alan

Attendees:		**Apologies:**	
John Martin	NGET new Chair	Steve Cox	ENW
Alan Creighton	Northern Powergrid	Le Fu	NG
Campbell McDonald	SSE Generation	Nick Ruben	Elexon
Richard Woodward	NG	Rob Wilson	NG
Ryan Place	NG	Tom McCartney	SONI
Alastair Frew	SP	Guy Phillips	Uniper
Tim Truscott	NG Operation	Graham Stein	NG
Xiaoyao Zhou	NG	Franklin Roderick	NG
Helen Bishop	New Tech Sec	Graham Stein	NG
Kate	EUK	Mark Krajniewski	NG
Gordon Kelly	SP Energy Networks	Jim Barbour	SHETL
Graeme Vincent	SPT	Richard Lowe	SHETL
Roddy Wilson	SSE		
Rob Longdon	Cornwall Energy		
Andy Voden	EdF		
Hontr Heinz	NGET For Rob Wilson		
John Lucas	Elexon		
David Spillett	ENA for SC		
Tim Ellington	RWE		
Gurpat Singh	Ofgem		
Guy Nicholson	Element Power		
Phil Jenner	Horizon		
Sigrid Bolik	Senergy Econnect		
Plus others			

Issue	Paper No:	Summary

1 Welcomes		• John Martin chair from NGET pending the finalisation of open governance which will see the appointment of an independent chair.
2 Minutes	Pp16-63	• Minutes OK although there are many typos which NG will look at
3 Actions	Pp16-65	• 4169, 4312, 4315 & 4336. Of the 4 remaining RES documents to be finalised my comments on two documents have been accepted and the final versions will be circulated for approval. The comments on the Substation and Interlocking also from are still to be addressed. The SHETL standards are being aligned with the RES where possible and an 'exceptions' document produced. SPT have stated that they will not adopt RES and they have their own standards based on IECs. There will need to be consequential changes to the GCode to formally introduce the new documents. No further progress to date. • Storage – on going for Jan 2017. Some concern that this isn't being progressed as quickly as envisaged. • GC0086 Open Governance3 – on agenda • RfG project plan – Complete • GC0036 – ER G5. On going • GC0068 Complete • GC0068 added to the tracker and increased transparency of longstanding WGs. Complete • 4352 BM Participation – On-going. Banding update on agenda. • GC0068 consequential changes following EBS – On going • 4382 RES document for removal & RES page. On-going • Frequency Response instructions – relates to market information on Generation plant providing frequency response. RW will circulate the spread sheet presented at the GCRP. This was based on information published on the NGET website. NGET to recirculate the material and the panel to comment. • 4451 Interconnector PNs – On going as part of TERRE • 4476 Emergency Instructions for Interconnectors – TDI are considering the issue. • 4524 Modification template– circulated for panel • Template alternative to issues template – CMcD was looking for a template to raise an issue for discussion. There was pushback on this as GC0086 the GCRP is a decision making body and all issues seemingly need to be raised first under the GCDF – so issues can't be raised directly at GCRP. There was a discussion that some panel business Eg prioritisation of resources wasn't really an 'issue'. Further thought required by NGET. • EDT and EDL *- On going

Issue	Paper No:	Summary

4 New Grid Code Development Issues
 	
Project TERRE (Trans European Replacement Reserves Exchange)
 	
GC0097
	Pp16-66	• BSC mod P344 seeks to align the Balancing and Settlement Code (BSC) with the European Balancing Project TERRE (Trans European Replacement Reserves Exchange) requirements. This will allow early implementation of the project at national level and be compliant with the first tranche of obligations in the European Network Codes (ENCs). The Balancing Code is due to be voted on by Member States around the turn of 2016-2017.
		• Under the arrangements GB plant will be able to trade reserve facilities across Europe.
		• P344 WG identified that GCode changes may be required to implement TERRE in GB.
		• GCDF meeting has been held to discuss this further
		• Main issues
		  • Process for delivering balancing data
		  • Interaction with the balancing mechanism
		  • Linkage to TSOG
		  • Compliance testing
		• Elexon are concerned about the slow progress from a GCode perspective given that TERRE is needs to be implemented mid-2018. This is seen as one of the most important BSC Mods on Elexon's books and they are looking to proceed to consultation in Feb 2017. Elexon are concerned that the GCode process is holding Elexon up.
		• CMcD concerned that the GCode should facilitate the BSC solution – there is a need for coordination between the GCode and BSC. Prob need some overlap of attendance at the BSC WG and future GCRP WG
		• Poss issue relates to Run-Up rates
		• NGET raised the original BSC Modification and they have a view that there is a need to change the GCode – probably the Balancing Code.
		• TERRE relates to the BM unit – but seems to allow 1MW generators to participate – but this possibly means that the 1MW generator needs to be a BM unit. D Spillett thinks that DNOs would need to be represented to assess any DCode implications.
		• Agreed that a WG should be set up. NGET need to draft the ToR, update the Issues Paper including a timetable by say the end of next week.

5 Existing Grid Code Development Issues		• None
6 Workgroups in		• <5MW. WG agreed that the changes need to be made and the funding issues are still being developed

Issue	Paper No:	Summary
Progress **a) GC0079: Frequency Changes during large disturbances (ROCOF)**		• Final report expected mid-2017 and will include a robust implementation plan that makes it clear who pays.Discussion of whether there are Vector Shift relay issues - and whether this is a valid form of LoM protection. Suggestion that Vector Shift issues should be included in the annual NGET System Incident Report.
6 Workgroups in Progress **b) GC0048: RfG**		• Banding - report being updated to take out the mandatory BM participation element 7 probably make the B/C threshold 10MW, although this wasn't 100% clear at the last GC0048 meeting. • Voltage / Reactive consultation being drafted and issues by the end of the year. Will be circulated round the panel first • Fault Ride through consultation being finalised as well – need to clarify the final outcome of the discussions on the FTR issues that Martin Lee raised. • Initial compliance discussions held with UK Accreditation Service which accredits Type Testing facilities in GB • Agreed that the actions from the 8/11/16 meeting needed to be clarified.
6 Workgroups in Progress **c) GC0095: TSOG**		• EIF expected in Q1 2017 with phased implementation over several years. Poss deferred to June, due to translation issues. • Code mapping exercise complete – there may be some GCode / DCode changes required for EiF, this possibility is currently being considered. WG focussed on identifying changes to the GCode and DCode • GLDPM model also a key issue that we need to better understood. The current position is that the Week 24 data set is sufficient. • Emergency & Restoration EU code may trigger another GCRP/DCRP WG. NGET have carried out an initial code mapping exercise.
7 Workgroup Reports		• None
8 Industry Consultations GC0048 Reactive & Voltage		• See above
8 Industry Consultations GC0087 Frequency Response		• WG is working on draft WG report – consultation will be issued under the auspices of GC0048. Agreed that GC0078 needs to feedback into the GC0048 C group • Consultation document e.g. on RoCoF withstand expected by the end of the year.
9 Reports to Authority		• Report was sent to the Authority, but Ofgem have 'sent it back' and are having discussions with NGET

Issue	Paper No:	Summary
GC0077 Sub synchronous resonance		• Not an issue for DNOs
10 Pending Authority decisions GC0086 Open		• See later
11 Standing Items a) European Network Codes Note		• An interesting discussion on the emerging EID approach that was tabled by NGET at recent JESG meeting. NGET presented the paper as a Code Administrator as requested rather than as the proposer of the initiative – hence they were unable to answer questions from the GCRP (especially DS) as to what the motivation / driver was behind the proposal. It was suggested that panel members should attend the next JESG meeting on 23 Nov to express any concerns. Eventually is was agreed that the panel (as the party that needs to ensure that the EU codes are reflected in GB Codes) should express a formal view and RL / GN agreed to create an initial draft for comment – although timing is tight. • The general feeling was that the various EID options were at best unclear. • It's not clear at all who decides which implementation approach should be adopted – JESG isn't a decision making body.
11 Standing Items b) Code Summary	pp16/69	• Some update and clarity issues
11 Standing Items c) Joint European Stakeholder Group Note		• Nothing other than item 11 a)
11 Standing Items d) Grid Code Development Forum		• Next meeting December 8th, on the agenda is a SC & GG joint paper on something – but nobody seemed to know what…. • Clashes with the DCRP
11 Standing Items e) EBS Development Proposal		• Update • Not an issue for DNOs
12 Progress Tracker	pp16/68	• OK
13 Impact of Other Code		• Not discussed

Issue	Paper No:	Summary
Modification or Developments		
14 AOB		• None
14 AOB Week 24 submission		• There was a few slides presented by a couple of NGET Week 24 team expressing concern about: o The timeliness of Week 24 submissions Less than 50% of schedules were submitted on time o The accuracy of Week 24 submissions - 10% schedules have been questioned and 6% of schedules needed to be resubmitted o The difficulty and time consuming nature of validating the data received and that this was unsustainable in an environment where even more data was required e.g. to comply with the EU Codes (TSOG)– CIM approach would be better • Small embedded generator - first submitted last year. Some feedback given to DNOs as NGET were concerned that the data received from DNOs wasn't the same as the data they had from their own. • NGET were looking to establish a WG, but this wasn't agreed • DS asked if there was any trend s over the last few years re the lateness for submissions – are delays increasing or reducing. • General concern that the issue wasn't presented as an 'issue' at GCDF nor the papers circulated by the Papers Day. • Slides will be presented at DCRP
15 Code Administrators Update **GC0086 – Open Governance**		• Legal text still being drafted – looking to be finalized by 7/12 • Ofgem decision expected by end Feb – changes envisaged • Seminars being planned to explain the changes (assuming they go through) • Re-election for panel members normally starts now, Ofgem have suggested that if the panel are OK to continue with the existing elected members until the new governance is OK. This is probably only for 1 or 2 meetings. This was agreed. • Independent Chair – may be a joint chair with CUSC. NGET are looking to appoint an independent chair at the end of 2017 when the CUSC chair comes up for re-election.
16 Next Meeting		• 18 January 2016