

Minutes

Meeting name	Grid Code Review Panel
Meeting number	53
Date of meeting	18 th January 2012
Time	10:00am - 4:00pm
Location	National Grid House, Warwick, CV34 6DA

Attendees

Name	Role	Initials	Company
Patrick Hynes	Chair	PH	National Grid
Thomas Derry	Secretary	TD	National Grid
Bec Thornton	Member	BT	National Grid
Graham Stein	Member	GS	National Grid
Steve Curtis	Member	SC	National Grid
John Morris	Member	JM	EDF Energy
John Norbury	Member	JN	RWE
Alastair Frew	Member	AF	ScottishPower
Alan Creighton	Member	AC	Northern Powergrid
Alan Barlow	Member	AB	Magnox
Barbara Vest	Member	BV	AEP
Guy Nicholson	Member	GN	Senergy Econnect
Tom Davies	Member	TDA	Magnox
Alan Kelly	Member	AK	SPT
Steve Brown	Member	SB	Ofgem
Jim Barrett	Alternate	JB	Centrica
Neil Sandison	Alternate	NS	SSE
Richard Lowe	Alternate	RL	SHETL
Campbell McDonald	Alternate	CM	SSE Generation
Guy Phillips	Alternate	GP	E.ON UK
Gordon Kelly	Alternate	GK	ScottishPower

Apologies

Name	Role	Initials	Company
Kathryn Coffin	Alternate	KC	Elxon
Shijun Yi	Alternate	SY	Ofgem
Mike Kay	Member	MK	ENW
Brian Punton	Member	BP	SHETL
Sigrid Bolik	Alternate	SBO	REpower
Dick Lewis	Member	DL	SONI
Alan Michie	Alternate	AM	SPT
Ian Pashley	Chair	IP	National Grid
John Lucas	Member	JL	Elxon

1 Introductions & Apologies

2199. The Chair welcomed the group and the apologies were noted.

2 New Grid Code Development Issues

a) Wind Turbine High Wind Speed Shutdown – Additional Signal Requirement and Future Development Plan

2200. GS presented pp12/01 to the Panel.
2201. JN raised concerns that this proposal represented a step towards micro management of wind farms by NGET and that the proposed implementation date of 1st January 2013 was probably too soon for the requirement to be met. It was questioned why NGET cannot manage this issue with the data it already receives. There is a need to consider this new proposal against the existing data requirements on wind farms such as MEL and PN to ensure that the process is efficient and operators are not burdened with data submission. It was also questioned what exactly NGET would do with the data it receives under the proposal as it could impose a cost on the industry.
2202. The Panel expressed concerns that the timescales were unrealistic and that these would required reviewing.
2203. GS explained that the data is needed to forecast high wind issues accurately and support frequency control and efficient energy balancing in general. The current data submitted does not allow for these aspects to be monitored meaning that high wind issues cannot be separated from other events in the evaluating of reserve requirements. The timescales can be reviewed and the paper currently does not mention cost but this would have to be covered in the consultation as the cost benefit case needs to be robust. The paper was raised to allow developers to start thinking about this issue.
2204. BV suggested that a workshop be established to examine the various wind issues that have been raised rather than a piecemeal approach. GN noted that there is an informal group set up between Scottish Renewables, RenewableUK and National Grid to look at wind related issues.
2205. The Panel agreed that a workshop is a reasonable approach to examine the paper and determine possible Terms of Reference for any new Workgroup that emerges from the discussions. It was confirmed that this proposal would not be included within Appendix F before of any resulting Grid Code change had been approved.
2206. **ACTION: GS** Setup informal workshop to discuss paper and real time signals before March Panel. Workshop should include developers and consider what would be included in Terms of Reference for a future Workgroup.

b) Information on Small Embedded Generation and its Impact on Transmission System Demand

2207. GS presented pp12/02 to the Panel.
2208. The Panel questioned what was going to be gained from this information and sought to confirm that it is a year ahead requirement for information on capacity in the planning timescales with a real time impact.
2209. GS confirmed that its use would be for the planning and development of the transmission system and the initial thinking was based on the presumption that this information was available in some form already to the DNOs. In response to a query from JN, GS confirmed that data from the statement of works process was not utilised in this process.
2210. AC asked whether there was a clear driver from the transmission and distribution planning processes for new information, or whether these processes themselves were under question. It was also queried how the information under B/07 (Improved Planning Code Data Exchange for Compliance Assessments Connection) had been utilised.

2211. The Panel agreed for the issue to progress to a Workgroup and that the issue should be raised at the Distribution Code Review Panel (DCRP) as well.
2212. **ACTION: GS** Draft ToRs for the Workgroup and submit to the March GCRP (in association with MK and AC)
2213. CMD noted that the membership will be the network operators unless some of the proposed data is not available in which case there will be a generator impact and they should be involved. It was also noted that it would be useful to included standard data sets to be part of the ToRs to avoid different information submitted to different DNOs.

c) Alignment of OC2 System Zones with BMRS/SYS Zones

2214. TD presented pp12/03 to Panel.
2215. The Panel noted the paper and did not raise any questions.

d) Fault Ride Through

2216. JM gave a presentation¹ to the Panel relating to pp12/04.
2217. It was recognised that the requirements in the Grid Code are more onerous than those potentially applied to Class D transmission connected generators in the 'Requirements for Grid Connection applicable to all Generators' (RfG). The proposal to change the requirement would avoid the need for possible derogations in the future for fault ride through requirements.
2218. GS noted that the RfG proposals identify limits and NGET can choose a profile within those limits. If the requirement was changed as proposed there are concerns over equitable treatment between Users and questions relating to managing future access. The preference would be to examine the issue in more detail before it goes out to Industry Consultation.
2219. It was also requested that the paper highlight probable interaction with the European Network Codes.
2220. **ACTION: GS** To consider proposal in more detail before March GCRP
2221. On the topic of derogations, BV questioned SB if there was a derogation register and, if there is register, how often the derogations on it are reviewed? SB confirmed that there is a derogations register on the Ofgem website and that he will investigate the reviewing policy.
2222. **ACTION: SB** Investigate the policy for reviewing derogations

3 Working Groups in Progress

a) Grid Code Connection Conditions for Small Embedded Power Stations

2223. SC explained that NGET will be seeking membership for this group imminently and queried if the membership would be similar to the '*Information on Small Embedded Generation and its Impact on Transmission System Demand*' Workgroup. If the membership is similar the issues could be combined.
2224. Panel determined that the membership will be different and that they should remain as separate Workgroups.
2225. **ACTION: SC** To seek membership for the Workgroup and arrange first meeting

b) LEEMPS Compliance Assessment

2226. TD noted a proposal from MK to continue to postpone the creation of this group until there is more certainty on the 'Requirements for Grid Connection applicable to all Generators' given the impact it could have on compliance.
2227. The GCRP agreed to continue to continue delaying the creation of the Workgroup.
2228. **ACTION: ALL** Review again at March 2012 GCRP to determine if Workgroup should be established

¹ <http://www.nationalgrid.com/NR/rdonlyres/BF1D6CFC-2F16-4CC0-B7A4-C75AD8359F77/52067/FaultRideThroughSynchronousGeneratorGCRP.pdf>

c) Frequency Resilience of the Total System - ToR

2229. GS explained that this issue was brought to November 2011 GCRP and has since been discussed at the DCRP. Further dialogue with the DCRP is required before Workgroup can be established.
2230. **ACTION: GS** Discuss issue with MK ahead of creating the Workgroup

d) Frequency Response

2231. TD gave a presentation² to the Panel.
2232. The Panel agreed to the proposed next steps and requested that the draft consultation be submitted to the GCRP ahead of the standard 10 days due to its likely length. The consultation period should also be extended to 30 Business Days rather than the proposed 20.
2233. It was also requested that a presentation is given at the September 2012 GCRP to give the Panel an idea of the conclusions that will be contained in the final report to be submitted at the November 2012 GCRP. Along with this presentation it should be taken to the Operational Forum to seek wider engagement with the industry.
2234. CMD requested that the European impacts be addressed in the consultation document to be brought to the March GCRP.
2235. **ACTION: TD** investigate possible Operational Forums for presenting Frequency Response
2236. **ACTION: TD** Update ToRs and submit to the March GCRP

e) Harmonics (G5/4)

2237. GS gave a presentation³ to the Panel.
2238. JB questioned if any data submitted for the solar weather issues interacts with this issue. GS was not aware of any interaction.
2239. GN questioned what the obligations on network companies are, whether this reporting of background data could form part of the SYS, what is the overall cost of Harmonics on the development of the system is, and if more information can be made available on Harmonics.
2240. GS explained that harmonics has historically been treated as a location specific issue and network companies do not normally need to monitor harmonics except where known sources of distortion are connected. There is a now general need for more information about what is happening on the network due to the increased deployment of power electronic based connection and reinforcement solutions.
2241. The G5/4 working group has spent a significant amount of time working through a number of technical issues but had struggled to find clear evidence that a new approach was needed to the way harmonic headroom is allocated. Discussion had however clearly highlighted the importance of dialogue between network owners and users involved in the design process.
2242. It may be appropriate to provide more information, in the SYS if this is the right place, but there is a need to make sure that early information has value and is not provided needlessly. The object of the exercise is to make sure that harmonics do not preclude access to the system and there are areas on the system where this is a risk.
2243. The Workgroup is due to report back with proposals in September 2012.

f) BMU Configuration of Power Park Modules

2244. GS informed that Panel that there have been three Workgroup meetings and the next meeting is being rescheduled due to a clash. There have been good discussions and group is currently working towards bringing a paper to the Panel. Consideration needs to be given to interaction with other groups (EBSG, BM Unit Data from Intermittent Generation).

g) Electricity Balancing System Group

2245. TD informed the Panel that the last EBSG meeting was held on 09 November 2011. The group has reviewed and revised Data Forms in readiness for a future Grid Code change.

² <http://www.nationalgrid.com/NR/rdonlyres/D1239DB7-AFD2-4817-A347-88ACAA4FB37C/52068/FRWGUpdate.pdf>

³ <http://www.nationalgrid.com/NR/rdonlyres/1BCBA6A3-04E1-4B55-82CC-B56DA4073256/52069/G54Updatejanuary.pdf>

2246. Two Shifting Limit discussions have been moved forward into an informal consultation and will be discussed further at the next EBSG meeting. Synchronisation, Desynchronisation, and Minimum Notice to Cancel a Synchronisation also to be included in the informal Two Shift Limit consultation.
2247. Two subgroups have been established by the EBSG; EBSIT (focusing on IT issues) and EBSMSM (focussing on Multi Shaft modelling).
2248. Last EBSIT meeting was on 06 December 2011 where an overview of the EBS and timescales was given, the ToRs were amended and stakeholder views sought on testing and transition.
2249. Last EBSMSM meeting was on 13 December 2011 where existing arrangements for CCGT, Cascade Hydro, and Power Parks were reviewed, 2nd EBSG industry consultation was recapped leading to further investigation into the ABB configuration approach and the ABB documentation was further reviewed for additional clarity requirements.
2250. Next meetings are:
- EBSG – 26 January 2012
 - EBSMSM – 16 February 2012
 - EBSIT – March 2012 with date to be confirmed
2251. The Panel noted the update. JN questioned if Simultaneous Tap Change arrangements as per the guidance published recently on NGET's web site should be included in the EBS group.
2252. **ACTION:TD** Take question to Shaf Ali on inclusion of Simultaneous Tap Change and report back to March 2012 GCRP
2253. JN also suggested that, for accuracy, the date on the Simultaneous Tap Change document published by National Grid should be changed to the website publication date rather than the document date.
2254. **ACTION: TD** Change date of the Simultaneous Tap Change guidance note.
- h) BM Unit Data from Intermittent Generation**
2255. SC gave a presentation⁴ to the Panel.
2256. JB queried the costs that might be involved and wanted to know if there would an unfair advantage to wind. Panel members noted that it would be within the market so the most efficient price will be selected.
2257. SC clarified that under the new proposal, the relaxation of the obligation for generators powered by intermittent sources to follow PN is applicable when there is no instruction. Under instruction, the obligations applicable to generators powered by intermittent sources are equal to other generators in that they have to follow PN as modified by the instruction. The challenge highlighted in the C/11 consultation responses that relaxation of the obligation may be considered as undue discrimination is an issue that needs to be considered by Ofgem.
2258. JN queried if there will be changes to the Balancing Principles Statement (BPS) to reflect the balancing actions that may be taken under the proposal. SC noted that there would like be changes but first stage is to run through the proposals with the Workgroup.
2259. Panel recognise this is a temporary solution and that further investigation into areas such as Power Available signal is still required. The Panel also queried if the Power Available signal could be part of the informal workshop proposed earlier (Minute 2206).
2260. **ACTION: GS** Include Power Available in '*Wind Turbine High Wind Speed Shutdown*' workshop to assess its appropriateness including it in the workshop.

⁴ <http://www.nationalgrid.com/NR/rdonlyres/322C1AD1-A626-4D73-9F52-3637AF2DAF32/52066/C11IntermittentGen.pdf>

4 Working Group Report

a) Revision of CC7.7 (Maintenance Standards)

2261. BT noted there are a few issues raised by the Workgroup that are still outstanding. However, these issues were not part of the current Terms of Reference.
2262. BT proposed two options to the Panel;
- reform the Workgroup and amend the Terms of Reference to address the remaining issues; or
 - close the Workgroup and create a new Workgroup to investigate the remaining issues.
2263. The Panel agreed that it would be more efficient for the Terms of Reference to be amended to take account of new issues and include this in the Workgroup Report.
2264. **ACTION: BT** Update the ToRs to reflect additional issues, arrange a further Workgroup meeting and bring back to the GCRP once issues have been resolved.

b) Grid Code Signatories

2265. TD informed the Panel that a 'minded to' position regarding Grid Code Signatories had been received from the Authority. The Authority indicated that any proposal submitted would be rejected due to the reasons highlighted in the CMP191 and P271 decision letters.
2266. CMD queried what the process was for proposals to be removed from the process. It was explained that, unlike the CUSC and BSC, under the Grid Code NGET is the only party able to submit formal changes to the Authority and in light of the Authority's 'minded to' position NGET will not progress this issue to an Industry Consultation or submit a Report to the Authority.
2267. **ACTION: TD** Close off the issue and update the website to explain why this issue has not progressed following submission of the Workgroup Report.

5 Industry Consultations

a) D/11: System to generator operational intertripping schemes

2268. TD informed the Panel that this Industry Consultation was published on 20 May 2011 and four responses were received. The responses have been considered and a consequential change to the CUSC will be raised by National Grid and submitted to the January 2012 CUSC Panel meeting.

b) H/11: Revision of Data Validation and Consistency Checking Rules

2269. TD informed the Panel that the Industry Consultation closed on 28 December 2011 and two responses were received. National Grid is currently drafting a report to the Authority to make the formal changes identified.
2270. This is due to be published in early February.

c) F/11: Generator Build Due Diligence Review

2271. TD informed the Panel that since the issue was raised at the November 2011 GCRP, National Grid has identified a few format changes that will be required before an Industry Consultation is published. The formatting changes will improve clarity around the obligations for generators undertaking OTSDUW and align with the STC to improve the ease of data submission.
2272. TD noted that National Grid is aiming to issue the Industry Consultation in early February.

d) A/12: Information Required To Evaluate Sub-Synchronous Resonance

2273. GS presented pp12/06 to the Panel.
2274. The Panel were supportive of the paper and approved for it to progress to Industry Consultation once it is amended to add clarity around the type of user impacted to help parties understand if they need to respond to the consultation.
2275. **ACTION: GS** Update A/12 Industry Consultation and publish for a period of 20 Business Days

6 Pending Authority Decisions

a) A/10: Generator Compliance

2276. SB informed the Panel that NGET had submitted A/10 to the Authority but there are concerns on the legal drafting.
2277. TD confirmed that NGET is currently working towards addressing the concerns raised by the Authority.

b) B/10: RISSP

2278. SB informed the Panel that NGET had submitted B/10 to the Authority but there are concerns that impact on Offshore parties has not been drawn out in the report. There are also a few reference errors that need to be addressed.
2279. TD confirmed that NGET is currently working towards addressing the concerns raised by the Authority.

c) G/11: Grid Code Housekeeping Modifications

2280. SB informed that Panel that G/11 was approved on 17 January 2012.
2281. TD confirmed that implementation of the modification will align with the publication of Grid Code Issue 5.

7 Outstanding Grid Code Development Issues

a) Consultation Papers & Development Issues

2282. There were no comments regarding Table 1 of the paper.
2283. The Panel questioned the timescales for reviewing these issues in table 2 and whether or not they were realistic.
2284. **ACTION:TD** Review the dates to ensure there will be deliverable for the respective GCRP.
2285. Comments related to Table 2 can be found under their respective headings below.

Grid Code Structure Review

2286. BT noted that this action should continue to remain on hold until the European Network Codes changes are more clear.

8 Approval of Minutes

a) November 2011 GCRP

2287. The Panel approved the minutes for publication.
2288. **ACTION: TD** Upload minutes on to the National Grid website.

9 Review of Actions

a) Summary of Actions

2289. All actions were completed unless noted below

OC8 - Safety management of three position GIS earth switches

2290. Minute 2045 - ongoing

Generator Build

2291. Minute 2064 - ongoing

Grid Code Connection Conditions for Small Embedded Power Stations

2292. Minute 2077 - ongoing

Frequency Resilience of the Total System - ToR

2293. Minute 2087 - ongoing

C/11: BM Unit Data from Intermittent Generation – further meeting

2294. Minute 2111 - ongoing

2295. TD informed the Panel that this action was to keep GCRP up to date regarding the creation of a joint group to consider the next steps proposed by C/11 – specifically the potential use of a 'power available' signal for e.g. settlement of BOAs. This (amongst other things) will be discussed at the Commercial Balancing Services Group (CBSG) which is taking place in parallel to the GCRP (when planned, no overlap of interests/attendance was expected).

Codification of Generic Requirements currently included in the Bilateral Agreements

2296. Minute 2139 - ongoing

Voltage Fluctuations

2297. Minute 2142 - ongoing

2298. Minute 1997 - ongoing

Significant System Events Report (previously RoCoF Report)

2299. Minute 2148 - SC informed the Panel that the primary Frequency measurement was through the FATE system. There are seven infeeds into the system, three from control rooms and four from strategic substations. There is frequency data in the IEMS system but displays are not as accessible as the FATE system and the data is believed to operate on a lower resolution and sample rate. Not all sites have frequency monitoring.

2300. The Panel questioned what would highlight there was a system split. SC confirmed this would be through an algorithm in the IEMS system relating to system connectivity (as opposed to frequency).

2301. Minute 2149 - SC confirmed that a Significant Event Report had been written and shared with the appropriate parties. Due to issues of confidentiality the paper was not shared with the GCRP.

2302. The Panel discussed updating the September 2011 Significant System Events Report to take include this incident.

2303. **ACTION: SC** Update September 2011 Significant System Events Report to include the islanding event.

2304. The Panel also discussed the islanding incident and determined that more information should be gathered in relation to absolute frequency, RoCoF and how generators responded during the event. It was noted that a number of parties would need to provide data to support this.

2305. **ACTION: SC** Examine the issue and bring back appropriate information to the March 2012 GCRP.

2306. Minute 2016 - ongoing

2307. Minute 2020 - Report has been renamed but the scope of the report is still being clarified.

Sloy Busbar Outage

2308. Minute 2152 - close action, superseded by new action.

2309. TD informed the Panel that the December 2011 STC Committee did not take place and that the issue would be taken to the January 2012 STC Committee

2310. **ACTION: TD** Take to January 2012 STC Committee and report back to March 2012 GCRP.

Offshore Wind Farms Not Connected to an Offshore Transmission System

2311. Minute 2159 - close action, superseded by new action.

2312. Minute 1796 - close action, superseded by new action.

2313. SC noted that the issue is where an Offshore generator connects at below 132kV as the current rules do not apply to these stations.

2314. **ACTION: SC** Circulate paper and presentation to determine if this is an issue to take forward.

Demand Control (OC6) Paper

- 2315. Minute 2162 - close action, superseded by new action.
- 2316. Minute 1853 - close action, superseded by new action.
- 2317. SC noted that invitations are due to be sent out shortly and workshop is being planned for Feb/March.
- 2318. **ACTION: SC** Send out request for attendees (including suppliers) to workshop.

Continuous Voltage Control

- 2319. Minute 2197 - ongoing

10 Standing Items

a) European Network Codes & Joint European Standing Group

- 2320. Key Network Codes under development: Grid Connection (Requirements for Generators (advanced); Demand Connection Code (early development)); Capacity Allocation and Congestion Management (CACM) (advanced).
- 2321. The last JESG was on 23rd November 2011 at which the network code covering Requirements for Generators was discussed in some detail, along with Capacity Allocation and Congestion Management (CACM). Due to the interest and technical nature of the RfG discussions, a separate technical meeting was held on 14th December to allow for extended debate and feedback.
- 2322. The next JESG will be held on 25th January 2012. On the agenda will be updates on RfG and CACM, along with a slot on the Ten Year Network Development Plan. Interested parties are encouraged to attend to hear and participate in the debate.
- 2323. BV informed the Panel that the Headline report for the 23rd November 2011 JESG was not published until 13th December 2011 and the JESG has not yet received any feedback from the RfG technical meeting held on 14th December 2011. NGET took away an action from the 23rd November 2011 meeting to produce a comparison between the Grid Code and RfG, there has been no view of this as yet.
- 2324. **ACTION: GS** Check progress of comparison between Grid Code and RfG.
- 2325. The February JESG is now taking place on 22nd February 2012 due to a clash on 15th February 2012 with a public stakeholder consultation workshop on the RfG in Brussels
- 2326. The Panel questioned how NGET would progress any changes to the Grid Code following implementation of the European Network Codes.
- 2327. **ACTION: IP** Explain how NGET foresees the progression of changes to the Grid Code as a result of the ENCs.

b) Space Weather

- 2328. TD presented the paper to the GCRP and the update was noted by the Panel.
- 2329. JB questioned how generators would be forewarned of possible impacts and whether it would be a specific date or a period in which we can expect impacts. SC confirmed that it would likely be through a system warning.
- 2330. Members also questioned what the next steps are following
- 2331. **ACTION: SC** Investigate how we are informed of upcoming events and what the warning procedure is.
- 2332. **ACTION: SC** Investigate what is being done with the Information submitted from generators and if any feedback is going to be sent back.

11 Issues

a) OC8 - Safety management of three position GIS earth switches

2333. TD informed the Panel that since this issue was brought to the November 2011 Panel the text has been revised and an Industry Consultation is being drafted. As per the action from the previous meeting, this consultation will be circulated to the Panel ahead of publication.

12 Impact of Other Code Modification or Developments

a) BSC

2334. P276 ('Introduce an additional trigger/threshold for suspending the market in the event of a Partial Shutdown').
2335. The Modification Group continues to discuss where to set the threshold for suspending the market (i.e. how large a Partial Shutdown of the Transmission System could be before it would be necessary to suspend the market). The BSC Panel has granted a one-month extension for more analysis, and the Assessment Report will now be going back to the BSC Panel in April.
2336. REMIT and Information Transparency
2337. ELEXON took a paper to the BSC Panel last week, suggesting that some of the new European reporting requirements arising from REMIT and the Transparency Guidelines could most efficiently be implemented in GB through enhancements to existing Grid Code and BSC arrangements (but this would need to be progressed through normal Code modification processes).
2338. CMD questioned if there should be a requirement within the code to adhere to the requirements.
2339. **ACTION: IP** Consider REMIT implications for Grid Code and provide an update at the March GCRP.

b) CUSC

2340. TD informed that Panel that CMP201 (Removal of BSUoS Charges from Generators) and CMP202 (Revised treatment of BSUoS charges for lead parties of Interconnector BM Units) were submitted to the December CUSC Panel where they were progressed to a Workgroup.
2341. Workgroup held its first meeting 10th January where they agreed the ToRs and reviewed the modification. Next meeting is 2nd February. Workgroup is due to report back to CUSC Panel in April.

c) Cross Codes Forum

2342. The last Cross Codes Forum was held on 18th November 2011 with the next one taking place on 17th February 2012. Nothing to report.

d) Operational Forum

2343. The last Operational Forum held on 13th December 2011 with the next one taking place on 23rd February 2011. Nothing to report.
2344. Presentations from the forum can be found on the National Grid website⁵

13 Any Other Business

a) 2012/13 Membership

2345. TD presented the proposed membership for the 2012/13.
2346. The Panel noted there has never been any supplier representative and that it would be useful if they were approached to see if they would like to provide a representative
2347. **ACTION: TD** Extend invitation to suppliers to attend the GCRP

⁵ <http://www.nationalgrid.com/uk/Electricity/Balancing/operationalforum/2011/>

b) CACoP

2348. BT informed the Panel that Ofgem have asked any comments regarding the Code Administrator Code of Practice (CACoP) and asked for any comments or views to be sent to Lucy Hudson (lucy.hudson@uk.ngrid.com).
2349. **ACTION: ALL** Feedback to Lucy Hudson on CACoP

14 Next Meeting

2350. The next meeting is planned for 21st March 2012 at National Grid House, Warwick.