



MINUTES

Grid Code Review Panel Meeting **20**

Thursday 24th April 2008

10.45am – 13.30pm

Alpha Suite, Morgan Hotel, Fleet St. Dublin 2

Panel Attendees

<u>Name</u>	<u>Present</u>	<u>Role</u>
Simon Grimes	Y	Chairman
Siobhán Dinneen	Y	CER Representative
Simon Tweed	Y	EirGrid Representative
Mark Norton	Y	EirGrid Representative
Ger Harnett	Y	Independent Electricity Suppliers Representative
Garrett Blaney	Y	Independent Generators (CCGT) Representative
Peter Gillespie	Y	Independent Generators (non-CCGT) Representative
Conor Healy	N	Transmission Asset Owner Representative
Paul Cooley	Y	Alternate Renewable Generators Representative
Chevron Nolan	Y	Public Electricity Supplier Representative
Grainne O'Shea	Y	ESB Power Generation Representative
Rónán Ó hÓgartaigh	Y	Alternate Distribution System Operator Representative
No member put forward	-	Directly Connected Customers Representative

Other Attendees

<u>Name</u>	<u>Present</u>	<u>Role</u>
Denis Garrett	Y	SONI observer
Geoff Clarke	N	CER advisor
Marta Val Escudero	Y	TSO advisor
Emma Fagan	Y	GCRP Secretary
Arlene McGrath	Y	TSO advisor
ESBPG	N	Arnold Mahon

1. Agenda

- i. Welcome to New Members
- ii. Introductions
- iii. Review of modification proposals:
 - MPID 180 Design Parameters Table;
 - MPID 158 Minimum Load for CCGTs when operating in Open Cycle Mode;
 - MPID 181 Derogations' Register;
 - MPID 182 Cross References housekeeping;
 - MPID 184 Wind Farm Forecasts II.

- iv. Joint Grid Code Review Panel
 - New Constitution & Existing Constitution Changes;
 - Date for first JGCRP meeting;
 - SDC Review;
 - Generator Aggregators' T&S Code modification and impact on Grid Code.
- v. Review of CER draft determination on Secondary Fuels and discussion on potential Grid Code modifications.
- vi. Arrangements for next meeting.
- vii. AOB

2. Welcome

- 2.1** S. Grimes welcomed the new members, alternates and advisors who had not previously attended a meeting.
- 2.2** S. Grimes noted the apologies received:
 - 2.2.1 Neil Bingham, replaced by his alternate Garrett Blaney;
 - 2.2.2 Therese Lannon, replaced by her alternate Grainne O'Shea;
 - 2.2.3 Conor Healy;
 - 2.2.4 Geoff Clarke.
- 2.3** Each member introduced themselves.
- 2.4** Minutes from the previous meeting, 29th Nov 2007, were approved subject to the changes that were suggested by Therese Lannon.

3. Review of Recent Developments

- 3.1** E. Fagan gave a review of the actions from the previous meeting.
 - 3.1.1 EirGrid submitted all agreed and recommended modification proposals including any revisions to the CER for approval and included all comments received.
 - 3.1.2 EirGrid circulated proposed changes to the GCRP and the proposed text for the JGCRP constitution to the panel members.
 - 3.1.3 EirGrid to consider re-circulated wording of MPID 167 Short Circuit Levels prior to submitting to the Commission.
 - 3.1.4 ESBPG submitted to the GCRP secretary further comments on MPID 166 – Fault Ride Through.
 - 3.1.5 The Commission's final determination on Secondary Fuels has not yet been published.
 - 3.1.6 ESBPG submitted to the GCRP secretary further comments on MPID 179 – Generators' Connection Conditions.
- 3.2** CER has approved all modifications from the previous meeting.
- 3.3** The above modifications have been incorporated into the Grid Code.
- 3.4** The new version, Grid Code V 3.1, will be issued within the next two weeks.

4. Review of Modification Proposal – MPID180 – Design Parameters' Table

- 4.1** M. Norton presented the proposed modifications to CC.7.2.2.

- 4.2 In summary this modification deals with the minimum capabilities of user plant and apparatus.
- 4.3 M. Norton pointed out that EirGrid's proposal to change the 'Clearance outdoor in air of live metal parts (mm) phases to earth' for the 220kV line has been deferred until further notice as further consideration is required by EirGrid.
- 4.4 R. Ó hÓgartaigh pointed out that with the advent of contestability that consideration for a separate table may be required. EirGrid will liaise with the DSO on this issue.
- 4.6 It was agreed to proceed with the modification of the top two lines of the table in clause CC.7.2.2.1 referring to the insulation levels for 110kV, 220kV and 400kV.

5. Review of Modification Proposal - MPID158 – Minimum Load

- 5.1 S. Tweed presented the proposed modification to CC.7.3.1.1 (k).
- 5.2 In summary this modification deals with the minimum load for a CCGT that is operating in open-cycle mode.
- 5.3 G. Blaney pointed out that this modification could potentially create an incentive for CCGT plant not to run in open-cycle mode. He also added that plant that have invested extra capital to be more flexible are put at risk.
- 5.4 P. Cooley said that renewable industry would be in support of this modification proposal, they are in favour of more flexibility and feel the Grid Code does not go far enough and that plant should be able to get to even lower minimum loads, however agreed with G. Blaney that we need to be careful not to dis-incentivise flexible plant.
- 5.5 S. Tweed also noted that these are minimum values but if a plant can go lower they are obliged to do so. He also pointed that the modification is not designed to impose extra conditions on existing plant.
- 5.6 G. Blaney agreed to document and submit his concerns within the next two weeks.
- 5.7 E. Fagan noted that she is concerned that this modification is not moving forward. It was first introduced in 2006.
- 5.8 G. O'Shea also agreed to submit comments within two weeks.
- 5.9 S. Grimes concluded by stating that if the comments received within the next two weeks
- (a) Do not cause EirGrid to amend its proposed modification in any way then it will be forwarded to the Commission (with all comments received) for its approval; or
 - (b) Do cause EirGrid to amend its proposed modification in a way that does not change the substance of EirGrid's proposed modification then it will be forwarded to the Panel members for a limited period of time for their consideration before being submitted to the Commission (with all comments received) for its approval; or
 - (c) Do cause EirGrid to amend the proposed modification in a material way then the new modification proposal will be presented at the next GCRP meeting.

6. Review of Modification Proposal – MPID181 – Grid Code derogations register

- 6.1 E. Fagan presented the proposed modification to GC.9.8.
- 6.2 In summary this modification is being proposed to make derogations more transparent.

- 6.3** There were no objections to this modification and S. Grimes noted that it will now be submitted to the CER for approval. G. Blaney queried whether this register would be on an all island basis. It was stated that it would not however the SONI observer stated it would be something worthwhile for future consideration.

7. Review of Modification Proposal – MPID182 – References

- 7.1** E. Fagan presented on the modification proposal.
- 7.2** In summary Grid Code version 3.0 contained some changes to the General Conditions which resulted in various re-numbering of clauses. This new numbering was not reflected in the references to the General Conditions in the Planning Code Appendix. E. Fagan pointed out that this was a house-keeping issue of the Grid Code. S. Grimes noted that no objections were raised and this proposed modification will be sent to the CER for approval.

8. Modification Proposal – MPID184 – Wind Power Forecasts

- 8.1** S. Tweed presented on the modification proposal to WFPS1.7.5.
- 8.2** In summary the Grid Code currently states that all transmission connected wind farms must submit daily wind forecasts. As EirGrid currently produces a wind forecast for all wind farms there is no need for wind farms to submit their own forecasts on a daily basis. This modification removes the requirement for every wind farm to submit daily forecasts and only submit them upon a specific request from the TSO.
- 8.3** G. Blaney pointed out that this would be difficult for a small scale wind farm to carry out this requirement.
- 8.4** E. Fagan pointed out that this clause only refers to wind farms connected to the transmission system.
- 8.5** P. Cooley noted that independent wind farms may not have sufficient systems to provide this data but in principle he feels that the proposed modification is a good idea.
- 8.6** Panel recommended the proposed modification for approval.

9. Joint Grid Code Review Panel

- 9.1** E. Fagan presented a quick review of the EirGrid Grid Code Review Panel Constitution and explained that the Scheduling and Dispatch Codes come under the Joint Grid Code Review Panel remit. She also noted that SONI will be an observer on the EirGrid Grid Code Review panel and likewise EirGrid will be an observer on the SONI Grid Code Review Panel.
- 9.2** E. Fagan requested any comments on the EirGrid Grid Code Review Panel Constitution and as none were received it will now proceed to the CER for approval.
- 9.3** E. Fagan noted that under the Joint Grid Code Review Panel Constitution we are obliged to host a joint meeting at least once every two years.

- 9.4** E. Fagan pointed out that the panel have two weeks to comment on the Joint Grid Code Review Panel Constitution before it goes to the Regulatory Authorities for approval. No comments were raised by any member at the meeting.
- 9.5** E. Fagan also noted that changes have been made to the Trading and Settlement Code with regard to Generator Aggregators. The panel members need to keep abreast of these changes to ensure that the Grid Code and the Trading and Settlement Code are harmonised with regard to this issue.

10. Modification Proposal – MPID169 – Secondary Fuels

- 10.1** E. Fagan started some discussion on the Secondary Fuels topic.
- 10.2** In summary the CER has published a draft determination on Secondary Fuels requirements for Generators. Although the final decision has yet to be published, EirGrid proposes to discuss some of the resulting changes that would be required to the Grid Code.
- 10.3** E. Fagan pointed out the many changes/additions that may need to be made to the Grid Code as a result of the Secondary Fuels requirement paper, such as:
- 10.3.1 The Planning Code
 - 10.3.2 Connection conditions
 - 10.3.3 Registered Capacity
 - 10.3.4 OC10 testing requirements
 - 10.3.5 Definition of Secondary Fuel
- 10.4** D. Garrett also pointed out that changes may need to be made to the dispatch code in SDC2.
- 10.5** G. O'Shea noted that stocks of oil vary daily and this could be very onerous.
- 10.6** E. Fagan pointed out that the TSO need to know how much running is left in the tank.
- 10.7** M. Norton stated that the TSO are interested in knowing this information so that they can manage the system and not to police the stock levels.
- 10.8** G. Blaney wanted to know the TSO thoughts and objectives in relation to this requirement.
- 10.9** E. Fagan responded that the TSO need to assume that generators have the capability at all times.
- 10.10** G. O'Shea asked will this requirement apply to Moneypoint in terms of how much coal supplies they are required to have.
- 10.11** M. Norton pointed out that it appears that everyone around the table agrees we need this provision in order for the TSO to operate a safe, secure, reliable and efficient transmission system and that the best way to achieve this could be developed further.
- 10.12** S. Tweed stated the importance of being able to test a generator's secondary fuel.
- 10.13** G. Blaney highlighted his concerns around testing. Whilst acknowledging the fact that EirGrid requires the carrying out of tests to ensure system security but this testing carries risks. He felt this testing is not a trivial task as for example, generators may need to drop load during the test. The testing regime would need to strike the right balance between the risk of units tripping during testing versus the requirement for secondary fuels.

11. Arrangements for next meeting

- 11.1 It was discussed when would be appropriate to hold the next JGCRP meeting. Two dates of June and September were proposed. It was considered more appropriate to have the meeting in September so the Chairman suggested the last Thursday of September.
- 11.2 It was considered appropriate to also hold the next EirGrid GCRP on the same date as the JGCRP.
- 11.3 There were no objections to the above.
- 11.4 [Post Meeting Note] It has since been proposed that the meeting will be held on **Thursday, October 2nd 2008.**

12. AOB

No Any Other Business was raised.

13. Action Items / Summary

- 13.1 EirGrid to publish and circulate Grid Code 3.1.
- 13.2 EirGrid will liaise with the DSO on the Design Parameters Table.
- 13.3 G.Blaney has taken an action to write and submit his concerns with regard to the Minimum Load issue within the next two weeks. G. O'Shea also to submit comments within two weeks.
- 13.4 EirGrid will forward any comments received together with the proposal to the CER.
- 13.5 EirGrid to submit all agreed and recommended modification proposals including any revisions to the CER for approval.
- 13.6 EirGrid to include any comments received.
- 13.7 Members have two weeks to comment on the Joint Constitution before it goes to the Regulatory Authorities for approval.
- 13.8 The Panel needs to keep abreast of changes being made to the Trading and Settlement Code with regard to Generator Aggregators. The Panel need to ensure that the Grid Code and the Trading and Settlement Code are harmonised with regard to this issue.

MINUTED BY : A. McGrath, TSO Advisor & E. Fagan, GCRP Secretary