



MINUTES

Grid Code Review Panel

Meeting **23**

Thursday, 24th September 2009

13:00 – 15:30

The Radisson Hotel Belfast

PANEL ATTENDEES

<u>Name</u>		<u>Present</u>	<u>Role</u>
Jon O'Sullivan	JOS	Y	Chairman
Donna Kearney	DK	Y	EirGrid Representative
Peter Gillespie	PG	Y	IPP Generators (excl. Renewables and CCGT)
Miguel Gonzalez	MG	Y	Independent Generators (excl. Renewables)
Garrett Blaney	GB	Y	IPP Generators (CCGT only)
Jane McArdle	JMcA	Y	Renewable Generators
Gráinne O'Shea	GOS	Y	ESBPG
Chevron Nolan	CN	Y	ESBPES
Ger Harnett	GH	Y	Independent Electricity Supplier
Rónán Ó hÓgartaigh	RO	Y	Distribution System Operator
John Lynch	JL	Y	CER
James Gallagher	JG	Y	HVDC Interconnector
Brian McAuley	BMcA	Y	Market Operator

OTHER ATTENDEES

<u>Name</u>		<u>Present</u>	<u>Role</u>
Stacy Altman	SA	Y	CER
Maurice Holly	MH	Y	Advisor – HVDC Interconnector
Arlene McGrath	AMcG	Y	GCRP Secretary

APOLOGIES

<u>Name</u>		<u>Present</u>	<u>Role</u>
Simon Grimes	SG	N	EirGrid Representative
Mark Norton	MN	N	EirGrid Representative
Cormac McCarthy	CMcC	N	EirGrid Representative

Conor Healy	CH	N	Transmission Asset Owner
Siobhan Wynne	SW	N	Transmission Asset Owner
Ciaran Geaney	CG	N	Advisor – HVDC Interconnector

ACTION SUMMARIES	
<p>MPID 190: Alignment of CC.7.2.2.1 with the latest European standard dealing with insulation co-ordination (currently IEC 60071-1 Ed. 8.0)</p> <ul style="list-style-type: none"> EirGrid to liaise with RO'H to organise a Workshop; 	
<p>Two Year Generation Outage Schedule - modification proposed by ESB Customer Supply to the Trading & Settlement Code (T&SC)</p> <ul style="list-style-type: none"> ESB PES to raise a modification and circulate to panel members for their information; EirGrid to clarify all sources where this information is used; All those representing generators to return to the station managers to ascertain their opinion on the availability and publication of Two Year Outage plans; 	
<p>MPID 187: HVDC Interconnector Standards and Capabilities</p> <ul style="list-style-type: none"> EirGrid to clarify Reactive Power boundaries; EirGrid to check that Droop is covered in the clause CC7.5.5; EirGrid to tidy up clauses; JG to submit his issues with Reactive Power; EirGrid to submit a position paper to all panel members; EirGrid to submit an agreed paper and other issues raised by panel members to the CER for approval; 	
<p>MPID 193: A Proposal from ESB Power Generation to Modify the Grid Code Definition for Within-Day Test</p> <ul style="list-style-type: none"> EirGrid & ESBPG to agree final text change and circulate to all panel members before submitting it to the CER for approval; 	

<p>Performance Monitoring</p> <ul style="list-style-type: none"> • Each panel member to give the contact details of each generating unit to Arlene, secretary of the GCRP; 	
<p>CER Recommendations on Planned Plant Closures and the Notification and Reporting of Medium/Long Term Operational Characteristics</p> <ul style="list-style-type: none"> • EirGrid to convene a workshop to include Generators and the CER; • EirGrid will further review the paper and draft actual Grid Code modifications for discussion at the workshop; • A final paper on proposed mods will be presented at the next Grid Code; 	
<p>Wind Grid Code – Gate 3</p> <ul style="list-style-type: none"> • Members to supply names of those who would like to attend a Wind Grid Code Workshop; (JOS) 	

<p>SUMMARY OF THE MINUTES</p>	
<p>Agenda & Welcome</p>	<p>JOS</p>
<ul style="list-style-type: none"> • All members welcomed, in particular new members, Donna Kearney, Jane McArdle and Miguel Gonzalez; • Agenda for GCRP #23 agreed; • Panel Members confirmed they had received minutes (summaries and actions) from the previous meeting, GCRP#22, and were approved; • The replacement of term SFRS with term AGC was agreed at GCRP #22 and sent to the Regulatory Authorities (RA) for approval. The RA hope to make a decision on this over the next couple of weeks; • The Secondary Fuel Testing proposed modification that was agreed at GCRP #22 was submitted to the RA for their approval. The RA hope to make a decision on this over the next couple of weeks; 	

<ul style="list-style-type: none"> • An HVDC Interconnector workshop took place. James Gallagher, Maurice Healy and Ciaran Geaney and other representatives from East West Interconnector (EWIC) and EirGrid participated. Comments were made and noted and amendments were made to the proposed HVDC Interconnector standards and capabilities and will be presented today; • MPID 190 from GCRP#21, a modification to Grid Code clause CC.7.2.2.1 to align the clause with the latest European standard dealing with insulation co-ordination (currently IEC 60071-1 Ed. 8.0), will be postponed pending a workshop on Safety Standards. 	
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<p>MPID 190: Alignment of CC.7.2.2.1 with the latest European standard dealing with insulation co-ordination (currently IEC 60071-1 Ed. 8.0)</p>	<p>JOS</p>
<ul style="list-style-type: none"> • Clearances compromised, gap in uniformity with equipment connected by DSO and TSO; (ROH) • Body of work required and essential to link up DSO, ETIC, ESBI, EirGrid; (ROH) • Modifications are also required to the Distribution Code and to functional specs; (ROH) <p>ACTIONS:</p> <ul style="list-style-type: none"> • EirGrid to liaise with RO'H to organise a workshop. Representatives from ETIC, DSO, EirGrid, ESBI will be invited to attend; (JOS) 	

<p>Discussion Item: Two Year Generation Outage Schedule - modification proposed by ESB Customer Supply to the T&SC</p>	<p>JOS</p>
<ul style="list-style-type: none"> • This is in relation to ESB Customer Supply's proposal to introduce an obligation in the Grid Code to publish a 2-year ahead generation outage schedule (JOS); • The reasoning behind the proposed modification is that the tariff year is from 1st Oct 09 to 30th Sept 09 and ESB Customer Supply are operating on incomplete information. The two year outage plan would provide more transparency (CN); • Confirmation that the information is made available to the Regulatory Authorities (RA); (JL) • Outage information beyond one year is unreliable and is subject to change. The publication of this information could compromise the good relationship that exists between EirGrid and unit 	

<p>station managers; (DK)</p> <ul style="list-style-type: none"> • It is very difficult to give outage information greater than one year, it is not practical; (MG) • ESBPG welcome a highly indicative plan; (GOS) • The information does exist and it is used by the RAs so why can't it be used by suppliers; (GB) • Two year outage plans is not used for large wind farms; (CN) • Wind farms do not plan outages that far in advance; (JMA) • Such information should be made available to everyone; (GOS) • The end customer is picking up the cost for the setting of tariffs based on one year outage plan; (CN) • The K-factor should allow for potential recovery on tariffs; (JOS) • There is a greater disadvantage to independent suppliers as they have no potential recovery such as the K factor. There should be no sanction on anyone for supplying incorrect generation outage information and if incorrect pricing is based on this then it is hard luck; (GH) • The Generation Outage Programme starts in September and is agreed in January, it is difficult to look beyond one year ahead as the information provided changes considerably over time; (DK) <p>ACTIONS:</p> <ul style="list-style-type: none"> • ESB PES to raise a modification and circulate to panel members for their information; • EirGrid to clarify all sources where this information is used; • All those representing generators to return to the station managers to ascertain their opinion on the availability and publication of Two Year Outage plans; 	
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<p>MPID 187: HVDC Interconnector Standards and Capabilities</p>	<p>JOS</p>
<ul style="list-style-type: none"> • The Workshop concentrated on the Connection Condition sections of the Grid Code for LCC and VSC Interconnectors. OC4, System Services, will be developed at a later stage. Two major areas of contention have arisen, Interconnectors must meet FRT capabilities at a certain short level circuit power and if this cannot be met the Interconnector must apply for a derogation. The second area is the Reactive Power capability; (JOS) 	

<ul style="list-style-type: none"> • Past issues that had arisen with a minimum short circuit level at the connection point of 1000 MVA were withdrawn; • Any issues with reactive power capability will be submitted to the RA along with the proposed Grid Code modifications; • Ramp rate boundaries should be defined; (JG) • Important to note that the Grid Code should contain minimum standards that are reasonable and fair, however this does not prevent an Inteconnector from exceeding the Grid Code standards and availing of higher financial rewards through Ancillary Services; (JOS) <p>ACTIONS:</p> <ul style="list-style-type: none"> • EirGrid to clarify Reactive Power boundaries; • EirGrid to check that Droop is covered in the clause CC7.5.5; • EirGrid to tidy up clauses; • JG to submit his issues with Reactive Power capabilities; • EirGrid to submit a position paper to all panel members; • EirGrid to submit an agreed paper and other issues raised by panel members to the CER; 	
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<p>MPID 193: A Proposal from ESB Power Generation to Modify the Grid Code Definition for Within-Day Test</p>	<p>GOS</p>
<ul style="list-style-type: none"> • Generators need to carry out regular short duration tests as part of routine maintenance. These tests introduce a temporary inflexibility in the operational characteristics of a plant. The proposed modification takes cognisance of the fact that the inflexibility is the deviation from the indicative schedule rather than the absolute MW. For example if a unit is dispatched to 200 MW and wishes to run at 210 MW for 6 hours, this would not be possible under the current definition in the Grid Code. If the modification is not implemented, within-day testing is unnecessarily onerous for the larger units; (GOS) <p>ACTION:</p> <ul style="list-style-type: none"> • EirGrid & ESBPG to agree final text change and circulate to all panel members before submitting it to the CER for approval; 	

<p>Discussion Item – Performance Monitoring</p>	<p>JOS</p>
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<ul style="list-style-type: none"> Anne Trotter has returned to EirGrid on a part-time basis. She will concentrate on Performance Monitoring. Over the next while she will meet with generators to look at their 2008 data. Starting in the new year these meetings will occur on a quarterly basis and EirGrid will issue non compliance notices based on any non-performance. Resolutions need to be identified and completed and if this does not take place the User must apply for a derogation. EirGrid may not support the derogation but the CER have the final say on all derogaions requests. EirGrid will look at performance against the Grid Code for all Users, including Demand Customers, Interconnectors etc.; (JOS) <p>ACTIONS:</p> <ul style="list-style-type: none"> Each panel member to give the contact details of each generating unit to Arlene, secretary of the GCRP; 	
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<p>Discussion Item – CER Recommendations on Planned Plant Closures and the Notification and Reporting of Medium/Long Term Operational Characteristics</p>	<p>SA & DK</p>
<ul style="list-style-type: none"> In 2008 the Commission carried out a comprehensive review of its monitoring arrangements and policy provisions in relation to security of supply. A discrepancy was identified between the notification requirements for planned plant closure contained in the Grid Code; (SA) A notification period of 3 year (36 months) is proposed for conventional plant over 50 MW and a notification period of 2 years (24 months) is proposed for wind generation and for plant under 50 MW; (DK) It was noted that the information provided should be non-binding. This new Grid Code provision may run the risk of less information being provided to the TSO for legal reasons. Three year notification period could be problematic for TUoS charges. Why should it be 3 years notice for conventional plant and two years for wind generation and for plant under 50 MW; (GOS) In the paper the Commission also noted that a reporting mechanism specifically addressing the medium and long term operational intentions of generators is not obligatory. The Commission considers that such a mechanism would be beneficial in providing the TSO with information they would find essential or constructive in relation to monitoring security of supply; (DK) This paper echoes what is carried out in working practice but not necessarily included as a standard in the Grid Code; (DK) <p>ACTIONS:</p> <ul style="list-style-type: none"> EirGrid to convene a working group to include Generators and the CER; EirGrid will further review the paper and draft actual Grid Code modifications for discussion at 	

<p>a working group;</p> <ul style="list-style-type: none"> • A final paper on proposed mods will be presented at the next Grid Code; 	
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Discussion Item – Wind Fams, Gate 3	JOS
<ul style="list-style-type: none"> • It is very important to note that if there are two separate Wind Farm controllers that both must fully comply with the Grid Code and with the current version of the Grid Code; (JOS) • EirGrid will convene an industry workshop (to include IWEA) to discuss a number of topics: <ul style="list-style-type: none"> ○ Wind Farm Extensions ○ Reactive Power Control ○ Commissioning Process ○ Performance Monitoring <p>ACTIONS:</p> <ul style="list-style-type: none"> • Panel members to supply names of those who would like to attend the workshop; (JOS) 	