

MODIFICATION PROPOSAL FORM**HOUSEKEEPING - INTERCONNECTOR**

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FORM GC1, PROPOSAL OF MODIFICATION TO GRID CODE.

MODIFICATION PROPOSAL ORIGINATOR:	EIRGRID OPERATIONS		
MODIFICATION PROPOSAL ORIGINATOR (CONTACT NAME)	ALAN ROGERS	MODIFICATION PROPOSAL ORIGINATOR FAX NUMBER:	
MODIFICATION PROPOSAL ORIGINATOR TELEPHONE NUMBER:	01-2370113	DATE:	17/09/2012
MODIFICATION PROPOSAL ORIGINATOR E-MAIL ADDRESS:	ALAN.ROGERS@EIRGRID.COM	MODIFICATION PROPOSAL NUMBER (EIRGRID USE ONLY)	MPID 235
GRID CODE SECTION(S) AFFECTED BY PROPOSAL:	OC4.3.4.2.5 OC4.3.4.2.6 OC2.4.10		
GRID CODE VERSION :	4.0		
MODIFICATION PROPOSAL DESCRIPTION (MUST CLEARLY STATE THE DESIRED AMENDMENT, ALL TEXT/FORMULA CHANGES TO THE GRID CODE. THE REQUIRED REASON FOR THE MODIFICATION MUST STATED. ATTACH ANY FURTHER INFORMATION IF NECESSARY.)	<p>There are two small typos in the clauses related to the provision of frequency response for interconnectors (OC4.3.4.2.5 and OC4.3.4.2.6), where the word 'to' needs to be replaced with 'from'.</p> <p>There is also an omission of the word 'Interconnector' in OC2.4.10 relating to Outage Scheduling.</p> <p>The proposed changes are detailed below.</p>		
IMPLICATION OF NOT IMPLEMENTING THE MODIFICATION	<p>If the modifications are not made, then the clauses will offer contradictory requirements to any interconnector connecting to the system.</p>		
<i>Please submit the Modification Proposal by fax, post or electronically, using the information supplied above</i>			
EIRGRID REVIEWER			

EIRGRID ASSESSMENT	
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PROPOSED MODIFICATION

RED-LINE VERSION

OC4.3.4.2 REQUIREMENTS OF INTERCONNECTOR FREQUENCY RESPONSE SYSTEMS

OC4.3.4.2.5 Action required by **Interconnector Operators** in response to low **Frequency**:

- (a) If **System Frequency** falls to below 49.80 Hz each **Interconnector Operator** will be required to ensure that it has responded in order to contribute to containing and correcting the low **System Frequency** by automatic or manually increasing the **Active Power** transfer from an **External System** or decreasing the **Active Power** transfer ~~to~~ from the **Transmission System** without delay and without receipt of instruction from the **TSO** to achieve the required levels of response, provided the **Interconnector's** local security and safety conditions permit.
- (b) Any such action shall be in accordance with the **Interconnector Operating Protocol** agreed between the **Interconnector Operator**, the **TSO** and the **External System Operator**.

OC4.3.4.2.6 Action required by **Interconnector Operators** in response to high **Frequency**:

- a) If **System Frequency** rises above 50.2 Hz each **Interconnector Operator** will be required to ensure that it has responded in order to contribute to containing and correction of the high **System Frequency** by automatic or manually decreasing the **Active Power** transfer from an **External System** or increasing the **Active Power** transfer ~~to~~ from the **Transmission System** without delay and without receipt of instruction from the **TSO** to achieve the required levels of response, provided the **Interconnector's** local security and safety conditions permit.
- b) Any such action shall be in accordance with the **Interconnector Operating Protocol** agreed between the **Interconnector Operator**, the **TSO** and the **External System Operator**.

OC2.4.10 The **TSO** shall issue to each **Generator**, **Interconnector Operator**, **Generator Aggregator** and **Dispatchable Demand Customer** a **Generation Outage Programme** for that **Generator**, **Interconnector**, **Generator Aggregator**, **Dispatchable Demand Customer** for years 1 to 3 by the last **Business Day** of September in year 0, including the **COP** for year 1.

GREEN-LINE VERSION**OC4.3.4.2 REQUIREMENTS OF INTERCONNECTOR FREQUENCY RESPONSE SYSTEMS**

OC4.3.4.2.5 Action required by **Interconnector Operators** in response to low **Frequency**:

- (c) If **System Frequency** falls to below 49.80 Hz each **Interconnector Operator** will be required to ensure that it has responded in order to contribute to containing and correcting the low **System Frequency** by automatic or manually increasing the **Active Power** transfer from an **External System** or decreasing the **Active Power** transfer from the **Transmission System** without delay and without receipt of instruction from the **TSO** to achieve the required levels of response, provided the **Interconnector's** local security and safety conditions permit.
- (d) Any such action shall be in accordance with the **Interconnector Operating Protocol** agreed between the **Interconnector Operator**, the **TSO** and the **External System Operator**.

OC4.3.4.2.6 Action required by **Interconnector Operators** in response to high **Frequency**:

- c) If **System Frequency** rises above 50.2 Hz each **Interconnector Operator** will be required to ensure that it has responded in order to contribute to containing and correction of the high **System Frequency** by automatic or manually decreasing the **Active Power** transfer from an **External System** or increasing the **Active Power** transfer from the **Transmission System** without delay and without receipt of instruction from the **TSO** to achieve the required levels of response, provided the **Interconnector's** local security and safety conditions permit.
- d) Any such action shall be in accordance with the **Interconnector Operating Protocol** agreed between the **Interconnector Operator**, the **TSO** and the **External System Operator**.

OC2.4.10 The **TSO** shall issue to each **Generator, Interconnector Operator, Generator Aggregator** and **Dispatchable Demand Customer** a **Generation Outage Programme** for that **Generator, Interconnector, Generator Aggregator, Dispatchable Demand Customer** for years 1 to 3 by the last **Business Day** of September in year 0, including the **COP** for year 1.