MODIFICATION PROPOSAL FORM

HOUSEKEEPING MOD - WFPS Active Power Control Mode (MPID 251)

FORM GC1. PROPOSAL OF MODIFICATION TO GRID CODE.

MODIFICATION PROPOSAL ORGINATOR:	EirGrid		
MODIFICATION PROPOSAL ORIGINATOR (CONTACT NAME)	David Cashman	MODIFICATION PROPOSAL ORIGINATOR FAX NUMBER:	
MODIFICATION PROPOSAL ORIGINATOR TELEPHONE NUMBER:	01-2370122	DATE:	11/06/14
MODIFICATION PROPOSAL ORIGINATOR E-MAIL ADDRESS:	david.cashman@eirgrid.com	MODIFICATION PROPOSAL NUMBER (EIRGRID USE ONLY)	MPID 251
GRID CODE SECTION(S) AFFECTED BY PROPOSAL:	WFPS1.5.2.1 and WFPS1.5.3.3		
GRID CODE VERSION :	5.0		
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.)	This modification aims to rectify an incorrect term in WFPS1.5.2.1 and WFPS1.5.3.3. In these clauses the term Active Power Dispatch Mode is referred to. This term is not a defined term and should be replaced by the defined term Active Power Control Mode.		
IMPLICATION OF NOT IMPLEMENTING THE MODIFICATION	The incorrect term in clause WFPS1.5.2.1 and WFPS1.5.3.3 will remain.		
Please submit the Modification Proposal by fax, post or electronically, using the information supplied above			
EIRGRID REVIEWER			

EIRGRID ASSESSMENT	

WFPS1.5.2.1   Active Power Control

The **Wind Farm Control System** shall be capable of operating each **WTG** at a reduced level if the **Controllable WFPS's Active Power** output has been restricted by the **TSO**. In this **Active Power Control** ~~Dispatch~~ **Mode**, the **Wind Farm Control System** shall be capable of receiving an on-line **Active Power Control Set-point** sent by the **TSO** and shall commence implementation of the set-point within 10 seconds of receipt of the signal from the **TSO**. The rate of change of output to achieve the **Active Power Control Set-point** should be the **Active Power Control Set-Point Ramp Rate** setting of the **Wind Farm Control System**, as advised by the TSO, as per WFPS1.5.4.   The **TSO** acknowledges that if the **Active Power** output of the **Controllable WFPS** is initially less than the **Design Minimum Operating Level**, and if the **Controllable WFPS** is expected to increase its **Active Power** output, then it may not be able to achieve the specified ramp rate at first, due to **WTG**s going through a start-up sequence. In such a case, **WTGs** shall start up as quickly as the technology allows, and in any case, not longer than three minutes from the time the **Active Power Control Set-point** was received.

WFPS1.5.3.3   When acting to control **Transmission System Frequency**, the **Controllable WFPS** shall provide at least 60% of its expected additional **Active Power** response within 5 seconds, and 100% of its expected additional **Active Power** response within 15 seconds of the start of the **Transmission System Frequency** excursion outside the range F_B-F_C, or in the case of a   **Controllable WFPS** in **Active Power Control** ~~Dispatch~~ **Mode**, when the **Transmission System Frequency** goes outside the deadband set out in WFPS1.5.3.2.