

MODIFICATION PROPOSAL FORM

DSU NOTICE TIME – MPID 256

FORM GC1, PROPOSAL OF MODIFICATION TO GRID CODE.



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MODIFICATION PROPOSAL ORIGINATOR:	EirGrid		
MODIFICATION PROPOSAL ORIGINATOR (CONTACT NAME)	Séamus Power	MODIFICATION PROPOSAL ORIGINATOR FAX NUMBER:	
MODIFICATION PROPOSAL ORIGINATOR TELEPHONE NUMBER:	01 2370522	DATE:	12/05/2014
MODIFICATION PROPOSAL ORIGINATOR E-MAIL ADDRESS:	seamus.power@eirgrid.com	MODIFICATION PROPOSAL NUMBER (EIRGRID USE ONLY)	MPID 256
GRID CODE SECTION(S) AFFECTED BY PROPOSAL:	SDC1.4.8.7, SDC2.A.12.1, SDC2.A.12.2, SDC1 - Appendix A, Definitions		
GRID CODE VERSION :	Version 5		
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 clarify the Dispatch process for Demand Side Units. Previously, a Demand Side Unit did not have to specify a Notice Time but only a time to reach the full demand reduction requested in the Dispatch Instruction. Therefore, there was ambiguity regarding the time that a Demand Side Unit should begin ramping (effective time of the Dispatch Instruction). Following consultation with industry through the Demand Side Unit Joint Grid Code Working Group the following modification was unanimously agreed among Demand Side Unit Joint Grid Code Working Group members at the 5 th meeting which took place via teleconference on 09/05/2014.		
IMPLICATION OF NOT IMPLEMENTING THE MODIFICATION	This modification is required to give clarity to DSU Operators on the Dispatch process.		
<i>Please submit the Modification Proposal by fax, post or electronically, using the information supplied above</i>			
EIRGRID REVIEWER			
EIRGRID ASSESSMENT			

Notice Time

- SDC1.4.8.7 (a) The **Synchronising** and **De-Synchronising** times (and, in the case of **Pumped Storage Plant Demand**, the relevant effective time) shown in the **Indicative Operations Schedule** are indicative only and it should be borne in mind by **Users** that the **Dispatch Instructions** could reflect more or different **CDGU**, **Aggregated Generating Unit** and/or **Controllable WFPS**, **Pumped Storage Plant Demand** and/or **Aggregate Generating Unit** requirements than in the **Indicative Operations Schedule**. The **TSO** may issue **Dispatch Instructions** in respect of any **CDGU** and/or **Aggregated Generating Unit**, **Controllable WFPS**, **Pumped Storage Plant Demand** or **Aggregated Generating Unit** which has not declared an **Availability** or **Demand Side Unit MW Availability** of 0 MW in an **Availability Notice**. **Users** with **CDGUs** and/or **Aggregated Generating Units**, **Controllable WFPS**, **Pumped Storage Plant Demand** shall ensure that their units are able to be **Synchronised**, or in the case of **Pumped Storage Plant Demand**, used at the times **Scheduled**, but only if so **Dispatched** by the **TSO** by issue of a **Dispatch Instruction**. **Users** shall, as part of a revision to the **Technical Parameters**, indicate to the **TSO** the latest time at which a **Dispatch Instruction** is required to meet the scheduled **Synchronising** time or in the case of **Pumped Storage Plant Demand**, the **Scheduled** relevant effective time.
- (b) The provisions of SDC1.4.8.7(a) shall apply to **Demand Side Units** with the exception that reference to relevant effective time shall be read as a reference to **Demand Side Unit Notice** ~~MW Response~~ **Time**.

SDC2.A.12.1 For **Demand Side Units**, the **Dispatch Instruction** issue time will always have due regard for the **Demand Side Unit Notice Time** ~~Demand Side Unit MW Response Time~~ declared to the **TSO** by the **Demand Side Unit Operator** as a **Technical Parameter** or as part of **Additional Grid Code Characteristics Notice** data.

~~The instruction will follow the form, for example:~~

~~“Time 1300 hours. Unit 1, Demand Side Unit MW Response at 1400 hours”~~

SDC2.A.12.2 If the time of the **Dispatch Instruction** is 1400 hours, the **Demand Side Unit** is XX1, the **Demand Side Unit Notice Time** is 10 minutes and the **Demand Side Unit MW Response** to be achieved is 20 MW, the relevant part of the instruction would be for example:

“Time 1400 hours. Unit XX1 to 20 MW, start at 1410 hours”

SDC1 - Appendix A

Technical Parameter	CDGU				Control WFPS	DSU		Agg. Gen	CDGU <10MW	Pump Storage Demand
	Thermal	Hydro / En Ltd	Disp. WFPS	Pump S Gen		Individual Demand Site	Aggregated Demand Sites			
					-				-	-
Demand						✓	✓			

FORM GC1

Side Unit Notice Time										
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Demand Side Unit Notice Time	The time as specified by the Demand Side Unit Operator in the Technical Parameter and is the time it takes for the Demand Side Unit to begin ramping to the Demand Side Unit MW Response from receipt of the Dispatch Instruction from the TSO .
Demand Side Unit Ramp Time	The time it takes for a Demand Side Unit to ramp to the Demand Side Unit MW Response . It is equal to the Demand Side Unit MW Response Time less the Demand Side Unit Notice Time .