

GRID CODE MODIFICATION FORM

Notice Time

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 5th meeting which took place via teleconference on 09/05/2014.

GRID CODE SECTION(S) AFFECTED BY PROPOSAL: Definitions, PC.A3.4.3, PC.B3.3.3, SDC.1.4.4.2, SDC.1.4.8.7, SDC.2.A.12

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Demand Side Unit Notice Time

The time as specified by the **Demand Side Unit Operator** in the **Technical Parameters** 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**.

PC.A3.4.3 **Demand Side Unit Operators**

For each **Demand Side Unit Operator**, the following information shall be provided for each **Individual Demand Site** connected to the **Transmission System**:

- (viii) **Demand Side Unit Notice Time** of the **Demand Side Unit**;

PC.B3.3.3 **Demand Side Unit Operators**

For each **Demand Side Unit Operator**, the following information shall be provided for each **Individual Demand Site** connected to the **Distribution System**:

- (viii) **Demand Side Unit Notice Time** of the **Demand Side Unit**;

SDC1.4.4.2 **Additional Grid Code Characteristics Notice**

The following items are required to be submitted by each **User** direct to the **TSO**:

- (e) In relation to each **Demand Side Unit**, the **Demand Side Unit Energy Profile Notice Time** and the **Initial Demand Side Unit MW Response Time**.

SDC1.4.8.7 (b) The provisions of SDC1.4.8.7(a) shall apply to **Initial Demand Side Units** with the exception that reference to relevant effective time shall be read as a reference to **Demand Side Unit MW Response Notice Time**.

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”

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Approval

Having regard to the outcome of the review described in the Consultation Report dated 6th February 2015, SONI proposes the revisions to the SONI Grid Code set out above, which revisions we reasonably think fit for the achievement of the objectives referred to in sub-paragraph (b) of paragraph 1 of Condition 16 of the Licence. SONI asks the Authority to approve these amendments to the SONI Grid Code pursuant to paragraph 3 of Condition 16 of the Licence.

SIGNED BY



..... 15 April 2015

for and on behalf of

SONI Limited