

## Draft Grid Code Modification Fast Track Proposal Report

### GC0116

**Correction to the compliance dates included in modifications GC0100-102 for the Requirements for Generators (RfG) and HVDC European Network Codes**

What stage is this document at?

01

Draft Grid Code Modification Fast Track Report

02

Approved Modification Fast Track Report

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**Re-Submission Date: 09 July 2018**

**Details of proposer: Greg Heavens**

**Published on: 10 July 2018**

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## Contents

<b>1</b>	<b>Why Change .....</b>	<b>3</b>
<b>2</b>	<b>Solution .....</b>	<b>4</b>
<b>3</b>	<b>Proposed Legal Text Implementation.....</b>	<b>5</b>
<b>4</b>	<b>Grid Code Panel Approval .....</b>	<b>6</b>
<b>5</b>	<b>Proposed Implementation .....</b>	<b>7</b>
<b>6</b>	<b>Objections (as per section GR26 of the Governance Rules).....</b>	<b>7</b>
	<b>Annex 1 – Legal text .....</b>	<b>8</b>



### Any Questions?

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## About this document

This Grid Code Modification Fast Track Proposal will be presented to the Grid Code Panel on the 18<sup>th</sup> of July 2018.

The Grid Code Panel will consider the Proposer's view, and agree whether this is a Grid Code Modification Fast Track Proposal and make a determination on whether to implement the modification.

This document was originally presented at the 28 June 2018 Panel meeting where the Panel stated that the Proposal (as Originally drafted) did not meet the fast track and self-governance criteria. The modification has been revised to just include the proposed amendments as directed by the Authority.

**Proposer**

**Greg Heavens**

## Document Control

Version	Date	Author	Change Reference
0.1	20/06/2018	Rob Wilson	Draft Grid Code Modification Fast Track Proposal Report
0.2	09/07/2018	Greg Heavens	Updated following June GCRP

## 1 Why Change

In their [decision letters](#) on each of the GC0100-102 Grid Code modifications which implemented the Requirements for Generators and HVDC European Network Codes in GB, Ofgem noted that the compliance dates for equipment designated as 'new' and therefore caught by the amended code requirements were incorrect. This was because compliance for each of the European Connection Codes is required by 3 years after their publication in the European Journal rather than, as with every other European Code requirement, being offset from the Entry into Force date of the code becoming European Law. Ofgem therefore instructed in their decision that a housekeeping change should be progressed to correct this. The differences in these dates is minor and is shown in the table below in the solution section.

This proposal was first made to the June 2018 Grid Code Panel and included a number of other minor changes which the proposer considered to be housekeeping. The panel were concerned that some of these changes could be viewed as material and hence were not appropriate to be included in a fast-track house-keeping modification. The revised proposal presented in this updated paper has therefore removed these changes and now comprises only the date changes as instructed by Ofgem.

## 2 Solution

Ofgem's decision letters for each of GC0100-102 state:

*'We also note that there is an error with the compliance dates proposed by the modification. Article 72 of RfG and Article 86 of HVDC states that "this Regulation shall apply from three years after publication", however the dates proposed as part of this modification state that compliance will start three years from entry into force. We therefore encourage industry to raise a housekeeping modification to address this error to ensure that the Grid Code correctly reflects the applicable regulatory and legislative framework at all times.'*

This modification therefore corrects the date of compliance with RfG to 27 April 2019 and HVDC to 8 Sept 2019 as also set out in the following table:

European Connection Code	Entry into Force Date	Publication Date in EU Journal	Compliance Date	
			In GC0100-102 modifications (3 years from EIF)	Corrected (3 years from publication in EU Journal)
RfG	17/5/16	27/4/16	17/5/19	<b>27/4/19</b>
HVDC	28/9/16	8/9/16	28/9/19	<b>8/9/19</b>
DCC	7/9/16	18/8/16	-	18/8/19

Note that the third of the European Connection Codes, the Demand Connection Code (DCC), is included in this table for completeness but is being implemented in the Grid Code through modification GC0104. It is unaffected by this correction as the compliance date in the GC0104 proposal is correct at 18 August 2019. In terms of the Grid Code changes required, the dates for DCC are reflected in the addition of clauses to the EU and GB Code User definitions to include equipment covered by this and are included in the GC0104 modification.

All of these dates can be checked on the [Commission's Electricity Network Codes site](#).

### 3 Proposed Legal Text Implementation

This modification can be achieved by updating the definitions of EU Code User and GB Code User in the Glossary and Definitions section of the Grid Code to the text below. For clarity, the marked-up text is shown in Annex 1.

<p><b>EU Code User</b></p>	<p>A <b>User</b> who is any of the following:-</p> <ul style="list-style-type: none"> <li>(a) A <b>Generator</b> in respect of a <b>Power Generating Module</b> (excluding a <b>DC Connected Power Park Module</b>) or <b>OTSDUA</b> (in respect of an <b>AC Offshore Transmission System</b>) whose <b>Main Plant and Apparatus</b> is connected to the <b>System</b> on or after 27 April 2019 and who concluded <b>Purchase Contracts</b> for its <b>Main Plant and Apparatus</b> on or after 17 May 2018</li> <li>(b) A <b>Generator</b> in respect of any <b>Type C</b> or <b>Type D Power Generating Module</b> which is the subject of a <b>Substantial Modification</b> which is effective on or after 27 April 2019.</li> <li>(c) A <b>Generator</b> in respect of any <b>DC Connected Power Park Module</b> whose <b>Main Plant and Apparatus</b> is connected to the <b>System</b> on or after 8 September 2019 and who had concluded <b>Purchase Contracts</b> for its <b>Main Plant and Apparatus</b> on or after 28 September 2018.</li> <li>(d) A <b>Generator</b> in respect of any <b>DC Connected Power Park Module</b> which is the subject of a <b>Substantial Modification</b> which is effective on or after 8 September 2019.</li> <li>(e) An <b>HVDC System Owner</b> or <b>OTSDUA</b> (in respect of a <b>DC Offshore Transmission System</b> including a <b>Transmission DC Converter</b>) whose <b>Main Plant and Apparatus</b> is connected to the <b>System</b> on or after 8 September 2019 and who had concluded <b>Purchase Contracts</b> for its <b>Main Plant and Apparatus</b> on or after 28 September 2018.</li> <li>(f) An <b>HVDC System Owner</b> or <b>OTSDUA</b> (in respect of a <b>DC Offshore Transmission System</b> including a <b>Transmission DC Converter</b>) whose <b>HVDC System</b> or <b>DC Offshore Transmission System</b> including a <b>Transmission DC Converter</b> is the subject of a <b>Substantial Modification</b> on or after 8 September 2019.</li> <li>(g) A <b>User</b> which the <b>Authority</b> has determined should be considered as an <b>EU Code User</b>.</li> </ul>
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<b>GB Code User</b>	<p>A <b>User</b> in respect of:-</p> <ul style="list-style-type: none"> <li>(a) A <b>Generator</b> or <b>OTSDUA</b> whose <b>Main Plant and Apparatus</b> is connected to the <b>System</b> before 27 April 2019, or who had concluded <b>Purchase Contracts</b> for its <b>Main Plant and Apparatus</b> before 17 May 2018, or whose <b>Plant and Apparatus</b> is not the subject of a <b>Substantial Modification</b> which is effective on or after 27 April 2019.</li> <li>(b) A <b>DC Converter Station</b> owner whose <b>Main Plant and Apparatus</b> is connected to the <b>System</b> before 8 September 2019, or who had concluded <b>Purchase Contracts</b> for its <b>Main Plant and Apparatus</b> before 28 September 2018, or whose <b>Plant and Apparatus</b> is not the subject of a <b>Substantial Modification</b> which is effective on or after 8 September 2019; or</li> <li>(c) A <b>Network Operator</b> or <b>Non Embedded Customer</b></li> </ul>
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## 4 Grid Code Panel Approval

- 4.1 On 18<sup>th</sup> of July 2018 the Grid Code Modifications Panel will consider whether GC0116 meets the fast track criteria (and self-Governance criteria) and whether the Grid Code Modification should be made.

The Grid Code Modification Fast Track Proposal if implemented would meet the Fast Track Criteria as detailed below as well as the self-Governance criteria.

### Fast Track Criteria

Fast Track Criteria A proposed Grid Code Modification Proposal that, if implemented,

- (a) would meet the Self-Governance Criteria; and
- (b) is properly a housekeeping modification required as a result of some error or factual change, including but not limited to:
  - (i) updating names or addresses listed in the Grid Code;
  - (ii) correcting any minor typographical errors;
  - (iii) correcting formatting and consistency errors, such as paragraph numbering; or
  - (iv) updating out of date references to other documents or paragraphs

## Self-Governance Criteria

A proposed Modification that, if implemented,

(a) is unlikely to have a material effect on:

(i) existing or future electricity consumers; and

(ii) competition in the generation, distribution, or supply of electricity or any commercial activities connected with the generation, distribution or supply of electricity; and

(iii) the operation of the National Electricity Transmission System; and

(iv) matters relating to sustainable development, safety or security of supply, or the management of market or network emergencies; and

(v) the Grid Code's governance procedures or the Grid Code's modification procedures, and

(b) is unlikely to discriminate between different classes of Users

## 5 Proposed Implementation

- 5.1 It is proposed that the GC0116 Grid Code Modification Fast Track Proposal is implemented on the 16 August after publication of the approved Grid Code Modification Fast Track Report providing no objections have been raised as per the objection process described in GR26.

Date	Activity
18 July 2018	Draft Grid Code Modification Fast Track Proposal Report presented to the Grid Code Panel
18 July 2018	Publish approved Grid Code Modification Fast Track Report
08 August 2018	Appeal window closes
16 August 2018	Code Administrator to implement GC0116

## 6 Objections (as per section GR26 of the Governance Rules)

- 6.1 If GC0116 is approved by the Grid Code Modifications Panel, you will have the opportunity to raise an objection to the Modification.
- 6.2 The Approved Grid Code Modification Fast Track Proposal will not be implemented if an objection is received.
- 6.3 The Grid Code Panel Secretary will notify the Grid Code Panel, the Authority and Grid Code Parties if an objection is received.
- 6.4 The Grid Code Panel Secretary shall notify the proposer that additional information is required if the proposer wishes the Grid Code Fast Track Modification to continue as a Grid Code Modification Proposal.

## GLOSSARY & DEFINITIONS (GD)

GD.1 In the Grid Code the following words and expressions shall, unless the subject matter or context otherwise requires or is inconsistent therewith, bear the following meanings:

<b>EU Code User</b>	<p>A <b>User</b> who is any of the following:-</p> <p>(h) A <b>Generator</b> in respect of a <b>Power Generating Module</b> (excluding a <b>DC Connected Power Park Module</b>) or <b>OTSDUA</b> (in respect of an <b>AC Offshore Transmission System</b>) whose <b>Main Plant and Apparatus</b> is connected to the <b>System</b> <u>on or after 27 April</u><del>17 May</del> 2019 and who concluded <b>Purchase Contracts</b> for its <b>Main Plant and Apparatus</b> <u>on or after</u> 17 May 2018</p> <p>(i) A <b>Generator</b> in respect of any <b>Type C</b> or <b>Type D Power Generating Module</b> which is the subject of a <b>Substantial Modification</b> which is effective on or after <u>27 April</u><del>17 May</del> 2019.</p> <p>(j) A <b>Generator</b> in respect of any <b>DC Connected Power Park Module</b> whose <b>Main Plant and Apparatus</b> is connected to the <b>System</b> <u>on or after</u> 28 September 2019 and who had concluded <b>Purchase Contracts</b> for its <b>Main Plant and Apparatus</b> <u>on or after</u> 28 September 2018.</p> <p>(k) A <b>Generator</b> in respect of any <b>DC Connected Power Park Module</b> which is the subject of a <b>Substantial Modification</b> which is effective on or after 28 September 2019.</p> <p>(l) An <b>HVDC System Owner</b> or <b>OTSDUA</b> (in respect of a <b>DC Offshore Transmission System</b> including a <b>Transmis<del>i</del>sion DC Converter</b>) whose <b>Main Plant and Apparatus</b> is connected to the <b>System</b> <u>on or after</u> 28 September 2019 and who had concluded <b>Purchase Contracts</b> for its <b>Main Plant and Apparatus</b> <u>on or after</u> 28 September 2018.</p> <p>(m) An <b>HVDC System Owner</b> or <b>OTSDUA</b> (in respect of a <b>DC Offshore Transmission System</b> including a <b>Transmis<del>i</del>sion DC Converter</b>) whose <b>HVDC System</b> or <b>DC Offshore Transmission System</b> including a <b>Transmission DC Converter</b>) is the subject of a <b>Substantial Modification</b> on or after 28 September 2019.</p> <p>(n) A <b>User</b> which the <b>Authority</b> has determined should be considered as an <b>EU Code User</b>.</p>
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<b>GB Code User</b>	<p>A <b>User</b> in respect of:-</p> <p>(d) A <b>Generator</b> or <b>OTSDUA</b> whose <b>Main Plant and Apparatus</b> is connected to the <b>System</b> before <del>27 April</del><sup>17 May</sup> 2019, or who had concluded <b>Purchase Contracts</b> for its <b>Main Plant and Apparatus</b> before 17 May 2018, or whose <b>Plant and Apparatus</b> is not the subject of a <b>Substantial Modification</b> which is effective on or after <del>27 April</del><sup>17 May</sup> 2019.</p> <p>(e) A <b>DC Converter Station</b> owner whose <b>Main Plant and Apparatus</b> is connected to the <b>System</b> before 28 September 2019, or who had concluded <b>Purchase Contracts</b> for its <b>Main Plant and Apparatus</b> before 28 September 2018, or whose <b>Plant and Apparatus</b> is not the subject of a <b>Substantial Modification</b> which is effective on or after 28 September 2019;  <del>or-</del></p> <p>(f) A <b>Network Operator</b> or <b>Non Embedded Customer</b></p>
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