

GC0104:EU Connection Codes GB Implementation – Demand Connection Code



Grid Code Review Panel – 16 May 2018
Code Administrator

Background

- GC0104 was raised by National Grid Electricity Transmission (NGET) and was submitted to the Grid Code Modifications Panel for their consideration at the August 2017 Panel meeting
- The purpose of GC0104

This modification will set out within the Grid and Distribution Codes the following compliance obligations in the European Network Code – Demand Connection Code (DCC):

1. Technical requirements for new* Transmission-connected Demand Facilities; Transmission-connected Distribution Facilities and Distribution Systems.
2. Technical requirements for Demand Units used by a Demand Facility or a Closed Distribution System to provide Demand Response Services to System Operators.

* 'New' is defined as not being connected to the system at the time that the code enters into force and not having concluded a final and binding contract for the purchase of main plant items by two years after entry into force.

Workgroup

- The Proposer considered the options for implementing the Demand Connection Code requirements into the GB arrangements
 - Feedback sought from workgroup membership on options (as per Annex 1 of the Workgroup Report)
 - C16 and SCTs
 - GC (Technical elements) and SCTs
 - Majority of Workgroup membership and that sought from wider audiences (such as the 'Power Responsive Flexibility Forum') supportive of the approach of these requirements being added to the Grid Code
 - ***New section*** of Grid Code proposed under this modification to assist those who would only need to read the Grid Code for these obligations when providing a service

Workgroup Consultation

- The Workgroup Consultation closed on the **29 March 2018**
- **12** responses were received and the following areas were addressed following feedback received:
 - **Significant modification** – raised formally as WACM1 for submission to the Authority
 - **Treatment of existing Grid Code Supply Point** becoming EU Supply Point and previous legal text that has since been updated following this feedback. Formal alternative withdrawn following acceptance into Original solution.
 - **DRSC and Guidance/Links to Standard Contract Terms**
 - Further Guidance document produced following feedback received

Workgroup Vote and alternatives

One alternative (WACM1) was raised by the Workgroup following consultation as outlined below:

Whilst this definition (the Original solution) does deal with **some aspects** of the Network Code requirements it (i) does not limit the applicability to just the modernisation or replacement of equipment and its impact on the technical capability; and (ii) it leaves the **key decision making duties to NGET** and not the Authority (which the Network Codes explicitly states).

Although under current proposed (GC0102/GC0104 Original) arrangements Users, if they disagree with NGET's application of the Substantial Modification rules, can raise a dispute to the Authority for determination, this arrangement is the opposite too that specified in the Network Codes in that the decision on the application to the User being made by NGET and not the Authority.

- **The majority of Workgroup members (7:2) voted in favor of WACM1 being the best option to implement GC0104**

Terms of Reference

- Terms of Reference have been met;

<p><i>A) Implementation;</i></p>	<p>Section 14</p>
<p><i>B) Review draft legal text should it have been provided. If legal text is not submitted within the Grid Code Modification Proposal the Workgroup should be instructed to assist in the developing of the legal text; and</i></p>	<p>Annex 2 and 3</p>
<p><i>C) Consider whether any further Industry experts or stakeholders should be invited to participate within the Workgroup to ensure that all potentially affected stakeholders have the opportunity to be represented in the Workgroup.</i></p>	<p>Attendance of Proposer at wider Industry meetings, webex carried out and wider attendance of those impacted following initial meetings eg Flextricity</p>
<p><i>D) Technical requirements for new* Transmission-connected Demand Facilities; Transmission-connected Distribution Facilities and Distribution Systems.</i></p>	<p>Outlined in Sections 6 and 7 and discussed in 8</p>

Terms of Reference

- Terms of Reference have been met;

<p><i>E) Technical requirements for Demand Units used by a Demand Facility or a Closed Distribution System to provide Demand Response Services to System Operators.</i></p> <p><i>'New' is defined as not being connected to the system at the time that the code enters into force and not having concluded a final and binding contract for the purchase of main plant items by two years after entry into force.</i></p>	<p>Outlined in Sections 6 and 7 and discussed in 8</p>
<p><i>F) The scope and applicability of the EU requirements under DCC, specifically articles are 12-47</i></p>	<p>Outlined in Sections 6 and 7 and discussed in 8</p>
<p><i>G) DSR impact</i></p>	<p>Outlined in Sections 6 and 7 and discussed in 8</p>
<p><i>H) Distribution Code impact</i></p> <p><i>Scope and applicability of EU requirements under Demand Connection Code.</i></p>	<p>Outlined in Sections 6 and 7 and discussed in 8</p>

Next Steps

- The Panel is invited to:
 - Accept the Workgroup Report
 - Agree for GC0104 to proceed to Code Administrator Consultation

Timetable

16 May 2018	Workgroup Report presented to Grid Code Review Panel
17 May 2018	Code Admin Consultation Report issued (14 Working Days ~ close date 7 May 2018)
7 June 2018	Draft Modification Report issued to Industry and Panel (4 Working Days)
14 June 2018	Draft Final Modification Report presented to Panel
14 June 2018	Modification Panel Recommendation Vote (5 Working Days)
25 June 2018	Final Modification Report submitted to the Authority
30 July 2018	Authority Decision (25WDs)
By 7 September 2018	Implementation