


<p style="text-align: center;">Grid Code Modification Recommendation Form</p>	
<p>Title of Recommended Proposal: Incorporation of the DCC requirements into the Grid Code</p> <p>MPID 276_a (revised)</p>	
<p>Date:</p>	<p>10 August 2020</p>
<p>Recommended at GCRP Meeting No.:</p>	<p>02 July 2020</p>
<p>Grid Code Version:</p>	<p>8.0</p>
<p>Grid Code Section(s) Impacted by Recommended Proposal:</p>	<p>Various – further details are available in the document entitled “MPID276a_GC9_DCC_Incorporation_locations_17June2020”, as attached to the submission email.</p>
<p>The Reason for the Recommended Modification:</p> <p>On 17 August 2016, Commission Regulation (EU) 2016/1388 of 17 August 2016 establishing a Network Code on Demand Connection (hereafter referred to as DCC) came into force. The aim of DCC is to establish a set of common, minimum requirements and principles for demand connections across EU Member states to enable the appropriate use of demand facilities’ and distribution systems’ capabilities to increase system security, facilitate trade and assist in the integration of renewable sources.</p> <p>The requirements in Articles 12-21 of DCC are now specified for the Irish electricity system.</p> <p>This Grid Code modification was prepared by incorporating DCC Articles 12 – 21 requirements into the Grid Code. In order to maintain the usability of the Grid Code for DCC Unit owners, wording of the DCC requirements was harmonised with the existing Grid Code wording, whilst ensuring that none of the DCC requirements themselves were lost or altered.</p>	
<p>History of Progression through GCRPs, Working Group and/or Consultation:</p> <p>The DCC required the TSO and DSO to consult on some of the non-exhaustive and/or non-mandatory parameters of the DCC, in the interests of openness and transparency, the TSO and DSO decided to consult on all of the non-exhaustive and/or non-mandatory parameters of the DCC. To that end, on the 6 of July 2018, EirGrid, as TSO, and ESB Networks, as DSO, issued a joint consultation paper on the proposal for the general application of technical requirements in accordance with Articles 12-21 and 27-30 of the DCC. This consultation was open for a period of five weeks until the 10 of August 2018.</p> <p>The TSO received a total of 2 individual submissions. A summary of the submissions was included in the EirGrid DCC proposal submission to the CRU on the 20 of September 2018. ESB Networks made a separate DCC proposal submission to CRU, dated 17 September 2018.</p> <p>On 12 September 2019, the CRU issued a decision paper which approved the majority of the submitted proposals, and issued a request for amendment and/or further information in relation to the following:</p> <ul style="list-style-type: none"> • Article 18.3; • Article 19.1; • Article 19.4 (a) and (c); • Article 28.2 (e) and (l); and • Article 29.2 (d) and (e). 	

Following the issuing of the CRU decision paper, EirGrid proceeded with the incorporation of the approved proposals into the Grid Code, with the exception of Articles 27 – 30.

During the incorporation process, it was decided that further assessment was required to determine whether or not, it is appropriate to incorporate the Demand Response Services, as described in DCC Articles 27 -30, into the Grid Code. Demand Response Services are an optional requirement for Demand Units, which is not in keeping with the mandatory nature of the Grid Code. Another consideration is the presence of an existing demand response scheme, provided by DSUs via the DS3 programme. EirGrid stated that they would communicate a position to the GCRP members following the completion of the necessary assessment of how to effectively implement these Demand Response Services requirements at later GCRP meeting.

In November 2019 a proposed Grid Code modification (MPID 276 a, b, c and d) was brought to the GCRP and was subsequently recommended for approval by the GCRP members. A recommendation paper was issued to the CRU, 20 December 2019. On 12 March 2020 the CRU issued a paper recommending partial approval. Modification recommendations MPID 276 (b), (c) and (d) was approved by the CRU and a decision on modification recommendation MPID 276 (a) was deferred. At the time it was not possible for the CRU to approve the full modification proposal due to unresolved issues regarding the proposals for Articles 18.3, 19.1, 19.4(a) & (c).

Following the partial approval of the modification three main events took place:

1. The proposals to address issues regarding Articles 18.3, 19.1, 19.4(a) & (c) were issued to the CRU by EirGrid on 24 July 2020.
2. Following the November 2019 GCRP meeting, it came to EirGrid's attention that the frequency range table in CC.7.4.2.1 contained an error and this correction is included in this modification proposal.
3. EirGrid have also completed the assessment to determine whether or not, it is appropriate to incorporate the Demand Response Services, as described in DCC Articles 27-30, into the Grid Code. This assessment involved the mapping of the DCC Articles 27-30 against the existing DS3 programme. It was determined that the requirements of DCC Articles 27-30 are met by the existing DS3 programme. It was decided that these Articles did not need to be incorporated into the Grid Code. As a result, DCC Units can provide demand response services via the existing DS3 programme. This position was communicated to the GCRP members at the 02 July 2020 GCRP meeting. No objectives to this approach were raised and a position paper to the CRU will be issued in the near future.

At the July 2020 GCRP meeting, which was held via teleconference due to the ongoing Covid 19 restrictions, a presentation on the revised modification MPID 276(a) was given to the GCRP members. During the meeting no comments were received in relation to the revised modification proposal.

On 16 July 2020, the minutes from the GCRP meeting were issued to the GCRP members. The deadline for comments from GCRP members was 31 July 2020. No comments were received and the minutes were deemed approved.

Please note that the relevant consultation, proposal and decision paper are available on the [Network Codes page](#) of the EirGrid website. Please scroll down to the consultation section for further details.

Summary Note of any Objections to the Recommended Change from GCRP Members or Consultation Responses:

There were no objections to the proposed recommended change from the GCRP members at the GCRP meeting during the November 2019 GCRP meeting.

Post the November 2019 GCRP, concerns were raised by the ESBN (DSO) in relation to the application of the DCC to the Distribution System, following the modernisation, refurbishment or replacement of equipment. The DSO was concerned that the proposed definitions of DCC Unit and Non-DCC Unit could be misinterpreted as applying to the Distribution System as a whole, rather than applying to the plant which was under the modernisation, refurbishment or replacement of equipment.

Following a series of meetings and email correspondence, a modification to the definition of Non-DCC Unit was agreed between EirGrid and ESBN. It was agreed to include the term “at the **Facility**” which would limit the application of the DCC to the Connection site which is undergoing the modernisation or refurbishment in question.

There was no further or new objections to the proposed modification from the GCRP members at the GCRP meeting that took place on 02 July 2020.

Outcome of any GCRP Meeting Actions Relating to the Recommended Modification:

During the November 2019 GCRP, clarification of the use of the terms “Non-Network Code Users” and “Network Code User” in the section entitled “Demarcation of Requirements” was sought and it was asked if these terms needed to be included in the Grid Code list of definitions. EirGrid agreed to review the use of these terms.

Post the November 2019 GCRP, the TSO reviewed the use of the two terms and have revised the Demarcation section to remove them.

No further or new actions were raised during the July 2020 GCRP meeting.

Red-line Version of Impacted Grid Code Section(s) - show recommended changes to text:

Deleted text in ~~strike-through red font~~ and new text highlighted in blue font

See document entitled “Grid Code Version 9.0_redline_17June 2020” attached to the Grid Code Modification Submission email.

Green-line Version of Impacted Grid Code Section(s) - show recommended final text:

See document entitled “Grid Code Version 9.0_greenline_17June 2020” attached to the Grid Code Modification Submission email.