








Modification	At what stage is this document in the process?
<p><b>DCRP/MP/18/09/Report to Authority</b>  <b><i>Revision of Engineering Recommendations (EREC) G98 and G99 for the storage fast track process</i></b></p> <p>Requirements for the connection of generation equipment in parallel with public distribution networks on or after 27 April 2019.</p>	<div style="display: flex; flex-direction: column; align-items: flex-start;"> <div style="margin-bottom: 5px;"><span style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">01</span> Modification</div> <div style="margin-bottom: 5px;"><span style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">02</span> DCRP report</div> <div style="margin-bottom: 5px;"><span style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">03</span> Public Consultation</div> <div style="margin-bottom: 5px;"><span style="border: 2px solid orange; border-radius: 50%; padding: 2px 5px;">04</span> Final Modification Report</div> </div>
<p>The purpose of this document is to assist the Authority in its decision to implement the proposed modification to Engineering Recommendations (EREC) G98 and G99. The proposed modifications introduce a fast track process for storage applications of less than 16 Amp (per phase). This will bring ERECs G98 and G99 into line with the existing fast track process that has been implement in recent months.</p> <p><b>Date of publication: 26 October 2018</b></p>	
<p><b>Recommendation</b></p> <p>The DNOs recommend that the proposed modifications are made to ERECs G98 and G99 (and to update the reference to them in the Distribution Code).</p>	
	<p>The Proposer recommends that this modification should be: Submitted to the Authority for approval</p>
	<p>High Impact: None</p>
	<p>Medium Impact: None</p>
	<p>Low Impact: Manufacturers and developers of small domestic storage devices</p>

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Modification proposal submitted to Panel 7 <sup>th</sup> June 2018		
Final Modification WG report submitted to Panel 4 <sup>th</sup> October 2018		
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## Purpose of the Modification

This proposal is to introduce a formal fast track process for domestic scale storage devices, to expedite their installation and provide good customer service.

## Details of the Proposal

In response to increasing volumes of applications for small scale storage (< 16 A per phase of storage on the same site as existing G83 generation) the ENA co-ordinated a G59 fast track storage procedure, which DNOs have implemented. This allows for a simplified connection procedure, and reduced response times (compared with a standard G59 application).

During the time that ERECs G98 and G99 were under development, this was seen as an opportunity to formalise this fast track procedure in the both documents. However, the currently published versions of G98 and G99 were close to being ready for consultation prior to submission to the Authority for approval, and DNOs wanted to take sufficient time over agreeing the drafting for the fast track procedure in G99 – hence the fast track drafting forming a separate modification.

DNOs considered that EREC G99 was the most appropriate document to capture the fast track procedure as:

- The original fast track procedure was a G59 fast track, and
- There were concerns about including a procedure in G98 in which total generation capacity would exceed 16 A per phase.

EREC G98 has been modified to make it clear that consideration of fast track applications for storage connections will be dealt with within EREC G99. Section 6.2.2 has been added to G99 to effect this. The procedure written into G99 mirrors that in the ENA document Fast Track Application Process for EREC G59 Energy Storage Devices – Guidelines May 2018.

In G99, the procedure is called Integrated Micro Generation and Storage. In addition, two new forms have been added to the G99 appendices, for use with the new procedure (A1-2 application form and A3-2 installation document). Again, these forms have drawn upon existing forms in use for the G59 fast track procedure. Copies of the draft modified G98 and G99 were included in the consultation.

A public consultation was run under the auspices of the Distribution Code Review Panel from 14 August to 11 September.

**Note that the amended text of Appendix 3 (G99) assumes that the modification to G99 DCRP/MP/18/07 (ie the modification to the LFSM-O compliance requirements) has already been approved. If DCRP/MP/18/07 is rejected by the Authority, then this modification will also need to be resubmitted.**

## Consultation Responses

Five responses were received. These are shown in Appendix 1 together with the DNOs' responses to the points raised. All the responses were supportive of (or had no adverse comment on) the proposals.

Two respondents suggested minor wording improvements which have been accepted and these have been included in the tracked changed versions of G98 and G99 presented for approval.

## Impacts on Total System and the DNOs' Systems

There is no impact on the Total System.

## Impacts on the Users of DNOs' Systems

The impact on Users is limited to simplifying and shortening the connection process for domestic scale storage devices.

## Assessment against Distribution Code Objectives

*(i) To permit the development, maintenance and operation of an efficient, coordinated and economical system for the distribution of electricity;*

The proposal has a positive impact on this objective as it simplifies the connection process for Users and for DNOs.

*(ii) To facilitate competition in the generation and supply of electricity*

The proposal has a neutral impact on this objective.

*(iii) Efficiently discharge the obligations imposed upon DNOs by the Distribution Licence and comply with the Regulation (where Regulation has the meaning defined in the Distribution Licence) and any relevant legally binding decision of the European Commission and/or Agency for the Co-operation of Energy Regulators.*

The proposal has a neutral impact on this objective.

*(iv) Promote efficiency in the implementation and administration of the Distribution Code.*

The proposal has a neutral impact on this objective.

## Impact on other Industry documents

There are no impacts on other industry documents.

## Environmental Impact Assessment

There is an unquantified carbon reduction benefit associated with this proposed modification whereby it is easier/quicker/cheaper to connect storage that will help customers consume more flexibly.

## Distribution Code Review Panel Recommendation

The responses to the consultation were discussed at the DCRP meeting on 4 October and the Panel agreed that the changes should be submitted to Ofgem.

## Recommendation

The Licenced Distribution Network Operators and the DCRP recommend that this modification report should;

- be submitted to the Authority for approval;
- subject to the agreement of the Authority implement the changes to G98 and G99 from 10 December 2018; and
- update the then current Distribution Code with references to the new versions of G98 and G99.

## Appendices

Appendix 1	Responses to the consultation
Appendix 2	Proposed revised draft of EREC G98
Appendix 3	Proposed revised draft of EREC G99