**Distribution Code Consultation DCRP/MP/24/01**

Title: Minor technical modifications to EREC G98 and G99

**Target Audience:** All current and prospective manufacturers, developers, owners and operators of generation (and storage) of any size connecting new generation equipment to distribution networks.

**Date Published: [28 June 2024]**

**Deadline for responses: [09 August 2024]**

**Summary:**

This Distribution Code public consultation is seeking the views from stakeholders on proposed modifications to existing Distribution Code documents including a number of updates, corrections, clarifications and additions. Together these modifications are referred to as minor technical modifications.

These proposed modifications to the Distribution Code, EREC G98 and G99 have been identified by DNOs and stakeholders in the months since these documents were last amended.

# Introduction

Although ERECs G98 and G99 have been in use for a number of years now, and can be considered to be mature documents, their scope and complexity does continue to give rise to new issues where either a new or changed policy is required, or where interpretation could be clarified. Issues with the understanding and implementation of ERECs G98 and G99 can be brought to a number of forums. The bulk of these amendments have arisen from feedback to the Distributed Energy Resources Technical Forum[[1]](#footnote-2)

The modifications proposed here are a series of issues raised since the last modifications to EREC G98 and G99. They span all Types of Power Generating Modules (PGM), ie Types A – D and include some new requirements as well as clarifications to existing requirements. This proposal also includes minor associated modifications to the Distribution Code.

Included in this consultation document are the following appendices:

1. Annex 1 – Marked up proposed changes to G98
2. Annex 2.1 – Marked up proposed changes to the main body of G99
3. Annex 2.2 – Marked up proposed changes to G99’s annexes
4. Annex 3 - Marked up proposed changes to the Distribution Code

# The Defects

The documents proposed for modifications are:

1. EREC G98 (Issue 1 Amendment 7 – October 2022)
2. EREC G99 (issue 1 Amendment 10 – March 2024)
3. Issue 56 of the Distribution Code, March 2024

## Summary of Key Changes

### G98

There are a number of minor proposed clarifications to EREC G98 including:

* Power Generating Module Sharing Systems
* Validity of type tests
* Requirement for system schematic diagrams

All other proposed modifications are minor or corrections or clarifications.

### G99

The proposed change to EREC G99 can be divided between those which implement new or changed requirements, and those which are clarifications and corrections.

* + New or changed requirements
* Electricity storage requirements
* SGI to require type tested G100 CLSs
* Additional compliance checks for Type C & D
* Models of control systems to be included for Type C & D
* PGM Sharing Systems
* Clarifications and corrections
* Accommodation of bespoke microgeneration
* Validity of type tests
* Customer islanding
* Accommodation of BEGAs
* Clarification of the definitions of Intrinsic Design Capacity and Electric Vehicle.
* IONs for Type B and C
* Private wire arrangements
* Significant modifications of PGMs
* Steady state voltage control
* LFSM-O tests for Type C and Type D
* Signals for compliance testing/monitoring
* Phase unbalance limit
* Dynamic System Monitoring equipment design and cyber security prompt
* Other minor clarifications and corrections

### Distribution Code

Minor clarifications included in DPC5 relating to the provision of information about customers equipment, and a new section is proposed in DPC6 arising from the need to provide guidance on access to a DNO’s current and voltage transformers or transducers. Separately a modification to Schedule 5 of the Distribution Data Registration Code to align with DNOs’ Standard Application Form.

## G98 Modifications

### Electricity Storage Devices

There is a new requirement for electricity storage devices when operating in an import mode to switch to an export mode of operation when the system frequency falls below a defined threshold. It is therefore proposed to update paragraphs 9.4.3 and 9.4.4.to reflect this new requirement.

This new requirement also requires revision of the methods for demonstrating compliance. Therefore, it is proposed to modify clauses A.2.2.8. The detailed drafting changes can be found in Annex 1.

### Power Generating Module Sharing Systems

Generation sharing devices (ie sharing the output of generation between several separate domestic customers) have been installed in several networks therefore it is proposed that EREC G98 be updated to reflect this.

A new clause 2.6 will be inserted to clarify that Generators and customers will have to ensure compliance in accordance with the relevant parts of EREC G99 in the case where a Micro-generating Plant is supplying two or more independent customers via a sharing agreement. The rest of section 2 will be renumbered.

### Validity of type tests

DNOs have recognised that there is a need to provide more clarity on the validity of type tests. Clause 2.17, renumbered as 2.19, will be amended to clarify that Micro-generators that have been Fully Type Tested to demonstrate compliance with previous amendments of EREC G98 and are already connected to the Customer’s Installation, remain valid for the current version of EREC G98. Clauses 2.20 and 2.21 will be inserted to provide clarity on the validity of type tests when a new amendment to EREC G98 is published in contrast to when an update is made to EREC G98 that imposes new requirements on new generation.

### Requirement for system schematic from Installer

It is proposed that the following requirement be added to the Installer’s declaration in Form B:

“I enclose a copy of the system schematic which has been left on site at the Customer’s incoming meter location.”

### Clarifications

The following clarification is proposed:

* Clause 2.5 will be inserted to clarify whether EREC G98 applies to a Micro-generator where the DNO connection is at a voltage above LV but below 110kV. This new clause specifies that the approach detailed in EREC G98 can be used for a single Fully Type Tested Micro-generator in those cases where there is no other generation on the site.

### Corrections

It has been recognised that rows 30-32 of the energy technology tables in Form B relate to non-electricity energy storage and hence, should not be included in this list. However the numbers within the tables will be retained and the technology type will be replaced by “Not used”.

Corrections to internal cross references in G98 are proposed, including:

* In paragraph A.1.3.2 the reference to “full load” will be corrected to “Registered Capacity”.

### Minor editorial

The following minor editorial modifications are proposed, including:

* In Form B the details of micro-generators will be amended as follows: “Use a separate line for new and existing installations and for each Micro-generator.”
* In Form C the note within the section on “Power Quality – Voltage fluctuations and Flicker” will be modified as follows: “\* Applies to three phase Micro-generators and split single phase Micro-generators. Delete as appropriate.”

## EREC G99 Modifications

### EREC G99 new or changed requirements

#### Electricity Storage Power Generating Modules when operating in an importing mode of operation

There is a new requirement for electricity storage PGMs when operating in an import mode to switch to an export mode of operation when the system frequency falls below a defined threshold. It is therefore proposed to update paragraphs 11.2.3.3, 12.2.3.3 and 13.2.5.2 to reflect this new requirement.

This new requirement also requires revision of the methods for demonstrating compliance. Therefore, it is proposed to modify clauses A.7.1.7 and to insert clauses C.7.6.7 and C.7.7.3 and to replace C.8.8 and C.9.6. The detailed drafting changes can be found in Annex 2.

#### References to EREC G100 export limitation scheme

DNOs are proposing that G100 CLSs required for the small generation installation procedures shall be required to be fully type tested.

It is proposed that references to EREC G100 compliant export limitation schemes be amended to replace “compliant” with “fully type tested”. This is applicable to clauses 6.2.2.3.(a).6. and 6.2.2.4.(a).5. It is also proposed to amend clause 6.2.2.3 (d) to exclude the requirement for an EREC G100 export limitation scheme Installation and Commissioning Tests form to be submitted where the generation is being installed in accordance with the small generation installation procedures.

#### Commissioning Checks for Type C and Type D Power Generating Modules

Two additional checks have been proposed to Form C3 Part 2:

* confirm whether the dynamic system monitoring & fault recording equipment has been commissioned and the agreed setting applied; and
* confirm whether the power quality monitoring equipment has been commissioned and the agreed setting applied.

In addition, although clarifications rather than new requirements, DNOs have found that some customers do not appreciate the technical requirements of the measurement transformers necessary for their dynamic system monitoring, and have concerns about the cyber security aspects of providing data to DNOs. It is proposed to include a note in C.6.2.9 to prompt thought about cyber security, and also to require that design information about the dynamic system monitoring equipment is included at the initial submission stage of the PGMD , helping to ensure these issues are considered at an appropriately early stage.

#### System Analysis for Connection Design Type A, Type B, Type C and Type D

There is a need to specify the models required for all types of PGMs. It is proposed to amend clause 6.3.7 as follows:

In general detailed models of a **Type A** or **Type B** **Power Generating Module** are not required. Where the **DNO** deems it necessary to ensure **System Stability** and security appropriately detailed models of **Type A** or **Type B** **Power Generating Module**s and their control systems shall be supplied. Detailed models, including control systems, are always required for **Type C** and **Type D** **Power Generating Module**s. **Generator**s shall submit detailed models in respect of **Generating Units** which are aggregated into a **Power Park Module**.

#### Power Generating Module Sharing Systems

Generation sharing devices (ie sharing the output of generation between several separate domestic customers) have been installed in several networks therefore it is proposed that EREC G99 be updated to reflect this.

* Introduction of section 7.8
* Introduction of new Forms A1-3 and A3-4.
* Introduction of section A.8

### G99 Clarifications and corrections

#### Accommodation of bespoke microgeneration

The Scope and Structure will be modified to accommodate micro-generators, such as micro-hydro installation, that are designed specifically for a particular location and are not amenable to type testing. The following paragraphs will be modified: 2.1 and 2.4.

#### Validity of Type Tests

DNOs have recognized that there is a need to provide more clarity on the validity of type tests in relation to amendment to EREC G99. Changes to a definite requirement in EREC G99 which are mainly in sections 9 to 14 of EREC G99, and which a Manufacturer had previously certified as compliant, will require recertification, whereas minor updates to EREC G99 for the purposes of clarity and interpretation will not require recertification. The existing paragraph 2.17 concerning the validity of type tests will be modified and renumbered as 2.17.1. Clauses 2.17.2 and 2.17.3 will be inserted to provide clarity on the validity of type tests in the two scenarios above.

#### Customer Island Operation

The proposed changes below aim to clarify and support the provisions for customer’ self generation and islanding in EREC G99. These changes are aimed at clarifying the technical requirements and provisions with a view to making it easier for customers, manufacturers and installers to design installations that can support power islands: the change do not propose any new technical requirements.

The following amendments related to Customer Island Operation are proposed:

* Assign designations to the four operating modes of:
  + OM1 - long term paralleling without islanding capability
  + OM2 - long term paralleling with islanding capability
  + OM3 - infrequent short term paralleling (ie predominantly island operation)
  + OM4 - switched-alternative – ie no parallel operation
* A re-organization of the structure of G99 so that section 7 deals in detail with OM4 (which are the requirements for generation that does not run in parallel), and all the requirements for long term or short term parallel operation, ie OM1, OM2 and OM3, are in section 9.
* The earthing diagrams of Section 8 have all been relabelled to reflect the four operating modes.
* The earthing diagrams of Section 8 have been reviewed and some have been redrawn to provide additional clarity, and new diagrams inserted to show typical domestic scale examples of islanding arrangements.
* The requirement that a schematic diagram is supplied at the Connection Point has been augmented to cater for installations designed for islanding in 14.3.
* Absolute limits on the voltage differences for synchronising have been added in section 14.5.4. Views on the suitability of this text are sought through this consultation.
* Section 9.6 contains a requirement that sites with generation and/or storage shall not disconnect from the system during system disturbances for the purpose of islanding unless certain conditions are met. This is to respect the fault ride through requirements of the generation. Views on the suitability of this text are sought in this consultation.
* A new section 15.8 directs that evidence of compliance with protection and earthing arrangements is provided for OM2 and OM3 installations.

#### Suggested amendments related to Bilateral Embedded Generation Agreements

Where a Generator connects either a Large Power Station (ie ≥10MW in the north of Scotland, ≥30MW in the south of Scotland or ≥100MW in England and Wales) or otherwise elects to enter a bilateral embedded generating agreement (BEGA) with NGESO, there can be seen to be overlap and lack of clarity with regard to which network operators’ compliance assurance process is to be applied.

NGESO are responsible in the Grid Code for ensuring compliance for all Large Power Stations, whether Embedded or not. For Embedded Large Power Stations the DNO manages the interface compliance and will issue the Energisation Operational Notification (EON). NGESO is responsible for reviewing other compliance matters in accordance with the Grid Code and for issuing the Interim Operational Notification (ION) and Final Operational Notification (FON).

For small power stations that have elected to contract with NGESO via a BEGA, the DNOs ensure compliance primarily with Sections 7 to 10 of EREC G99. The DNOs will also facilitate the sharing of the compliance information, namely the Power Generating Module Document (PGMD), supporting information and the FON, with NGESO.

The following amendments related to BEGAs are proposed:

* It is proposed that clause 5.19 is amended to replace the reference to “National Grid” with “the **NETSO**". (ie the defined term for NGESO).
* It is proposed that paragraphs 6.1.6.3 and 6.1.6.4 be inserted to reflect the above compliance with the Grid Code and EREC G99.
* Insertion of clauses 17.1.1, 18.1.1 and 19.1.2 to refer readers to the amended Section 6.1.6. The remainder of these sections will be renumbered.

Please note that NGESO are proposing some complementary amendments to the Grid Code; that consultation is GC0171, closing on 05 July 2024.

#### Registered Capacity and Intrinsic Design Capacity

The definition of Intrinsic Design Capacity will be modified to clarify that it is the associated Registered Capacity that is to be used for compliance and compliance certification. The EREC G99 A2 Forms will also be modified to include this clarification.

The definition of Vehicle to Grid Electric Vehicle will be modified to clarify that it means a vehicle acting as a source of energy and exporting electricity to the local installation.

#### Interim Operational Notification for Type B and Type C Power Generating Modules

An issue was raised by stakeholders regarding Type B and C PGMs and the possibility for the inclusion of an ION in the connections process for these PGMs. It was highlighted that this was desirable as certain sites, for example solar sites that progressively energise their plant over the winter months are unlikely to achieve the required export to complete the necessary tests to achieve the Final Operational Notification. Therefore, it is proposed to insert clauses 17.3.6 and 18.3.6 to permit the issuing of an ION, pending completion of all the necessary tests and data submission. The rest of sections 17.3 and 18.3 will be renumbered.

#### Compliance of existing generators involved in private wire schemes

It has been recognised that further clarity is required regarding the compliance of existing generators with EREC G99 in cases where an existing G59 PGM is to be connected to another Customer’s Installation via a private wire. Therefore, a new clause 20.3.6 is proposed to be inserted to clarify that existing G59 PGMs involved in such situations do not need to be upgraded to comply with EREC G99 provided that that generation retains its long term parallel arrangements at its original site with appropriate interlocking to prevent paralleling of the DNO Distribution network. The rest of section 20.3 will be renumbered.

#### Rules for compliance when existing installations are modified

Stakeholders have raised problems of interpretation of the existing section 20.3 and annex A.6 when applying to large solar sites where the inverters are being replaced progressively over a period. The opportunity has been taken to further develop the requirements and examples, noting that the EU is also developing more guidance in this area for inclusion in the next version of the Network Code Requirements for Generators.

#### Steady State Voltage Control

There was confusion in the Grid Code between the CC and ECC regarding Grid Code CC and ECC Figure A.7.2.2b as the equivalent graph in the Requirements for Generators (RfG) has Q/Pmax, the CC has Q and the ECC has power factor as the x-axis. It is proposed that “Power factor” be removed from the x-axis and that the 1 is changed to 0 where the x and y axis intersect in Figures C.5.2 and C.5.3.

#### Limited Frequency Sensitive Mode – Overfrequency (LFSM-O)

Following discussion with National Grid Electricity System Operator it is recognised that the studies requested in EREC G99 are appropriate if the Generator is intending to operate the PGM in island mode, otherwise the standard ramp response simulations as for Type B are sufficient for distribution connected plant. Therefore, it is proposed that paragraph C.7.6.1 be amended as follows:

#### Paragraphs C.7.6.2 to C.7.6.6 apply to **Power Generating Modules** which have the capability to run in island mode where required under section 9.6.4, to demonstrate the capability to modulate **Active Power** at high frequency as required by paragraph 9.6.4.3 and Section 13.2.4. Where the **Generator** will not operate the **Power Generating Module** in island mode for the purposes of section 9.6.4, simulation studies as required by Section B.4.5 may be undertaken to demonstrate the capability to modulate **Active Power** at high frequency as required by Section 13.2.4.

#### Signals for compliance testing/monitoring

It is proposed that section ECC.6.6.3 in the Grid Code on Compliance Monitoring be incorporated in EREC G99 as a new section 15.8.

#### Unbalanced limit

DNOs have become aware that the phase unbalance limit of 16A in section 7.5.3 is restrictive on the easy deployment of distributed energy technologies by Customers. The DNOs are proposing to increase this limit to 32A. There are consequential changes from 16A to 32A in annexes A1-1, A1-3, A3-1, A3-2, A3-3 and A5.

#### Other minor clarifications

The following clarifications are proposed:

* Clauses 11.2.4.1.(c) and 11.2.4.1.(d) will be amended to clarify which figures readers should refer to for illustration of the respective requirements.
* Table 13.1 will be amended to clarify that Figure 13.5 depicts the minimum response and not a maximum. The proposed change is as follows:

|  |  |
| --- | --- |
| **Minimum Active Power** as a percentage of **Registered Capacity ()** | 10% |

* Forms A1-1 and A1-2 will be amended to provide clarity on where to locate the manufacturer’s reference number required. This text is also included in the new Form A1-3. The following text will be inserted in the introductory text of each form:

“A full list of the compliant device system reference numbers is available through the Type Test Register portal at ENA Type Test Register (<https://www.ena-eng.org/)>.”

* Annex A.6 will be amended to clarify that the scenario examples within the table apply to Type A, B, C and D PGMs.
* C.6.2 scope to be amended to make it clear that DSM and power quality monitoring shall be installed at the connection point.

#### Corrections

It has been recognised that rows 30-32 of the Energy Conversion Technology tables in Forms A1-2 and A3-3 do not relate to electricity storage and hence, should not be included in this list. It is proposed that these thermal storage items be removed, however the numbers within the tables will be retained and the technology type will be replaced by “Not used”.

Corrections to internal cross references in G99 are proposed, including:

* In 12.3.1.1 the cross reference to Figure 12.4 will be corrected to Figure 12.5.
* In 13.2.6 the label of the Active Power Frequency Response Capability figure will be corrected from Figure 13.5 to Figure 13.6.
* In A.7.1.3 the cross reference to the alternative approach will be corrected from A.7.2.4 to A.7.2.5. The cross reference to paragraph 11.2.3 will also be corrected to refer to 11.2.4.
* In A.7.2.5.1 the cross reference to A.7.2.4.2 will be corrected to refer to A.7.2.5.2.
* In clause A.7.2.6.1 the reference to export capacity will be corrected to refer to Registered Capacity.
* In clause C.9.3.2 the reference to C.10.4.5 will be corrected to refer to C.9.3.3.
* In clause C.9.5.2 the reference to C.9.5.6 will be corrected to refer to C.9.5.4.
* In clause C.9.6.4 the reference to 13.2.3.3 will be corrected to refer to 13.2.3.2.

### Minor editorial

The following minor editorial modifications are proposed, including:

* Redraw the following figures to reflect each figure in the reverse direction, ie with the generation on the right hand side of the page:
  + Figures 4.1a, 4.1b, 4.2a, b and c, 4.3, 4.4, 4.5, 4.6, and 4.7.
  + Figures 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 6.10, 6.11, and 6.12.
* In 21.4 the references to the relevant Annexes will be corrected from “Annex B.4.4.5, Annex C.7.4.5” to “Annex B.4.4.5, Annex C.7.4.5, or Annex C.7.5.5”.
* In 22.2 the list of applications forms within Annex A.1 will be updated with Form A1-3.
* In 22.2 the list of installation documents within Annex A.3 will be updated with Form A3-4.
* The title of Annex A.1 will be updated to include Form A1-3.
* The title of Annex A.3 will be updated to include Form A3-4.
* In Forms A3-1, A3-2, B2-1, B3, C2-1 and C-3 the details of existing and proposed additional Generating Units will be modified from “Technology Type” to “Energy source and energy conversion technology (enter codes from tables 1 and 2 see Form A1-2)”.
* Clause A.7.2.1 will also be removed in line with the update to storage requirements.
* In Forms A2-1 and A2-3 the note within section 3 will be modified as follows: “\* Applies to three phase Power Generating Modules and split single phase Power Generating Modules. Delete as appropriate.”
* In section C.6.3 the reference to G5/4 will be modified to just G5.

## The Distribution Code

### Information about Customer’s Equipment

Minor modifications have been made to DPC5 to clarify what information DNOs may seek from customers in regard to their equipment, especially new high demand devices such as electric vehicle chargers and heat pumps.

### Access to DNOs’ voltage and current transformers

As part of the review of EREC G100 in 2021, it was proposed to modify the Distribution Code with the text which is now shown in Annex 3 as DPC6.7.10. However, G100 was published without formal inclusion in Annex 1 of the Distribution Code, so there was no reason to modify the Distribution Code at that time. However DNOs believe that the guidance for access to DNOs’ voltage and current transformers/transducers is relevant and useful, so it is now proposed to include the text. The proposed text is unchanged from that consulted on in DCRP/21/02/PC in 2021, and which attracted no comments in the responses to that consultation.

### Distribution Data Registration Code

The Standard Application Form for generation applications applies to power generating modules of 50kW or greater, and there is a simplified application form for power generating modules of less than 50kW. It is therefore appropriate to modify the DDRC to distinguish between the basic data required for all generation applications and that data which is routinely required only for generation of 50kW or greater. Schedules 5b and 5c have also had the categories of data associated with LFSM, FSM and modelling changed from Detailed Planning Data to Standards Planning Data as G99 implements the legal requirement that this data is always required.

The Distribution Data Registration Code has been amended to remover the erroneous Energy Conversion Technologies as described in 2.2.5 and 2.3.2.14 above.

### Minor editorial

The following minor editorial modifications are proposed, including:

* Space missing after “Great Britain” in the definition of Customer.
* Space missing after “Great Britain” in the definition of DNO’s Distribution System.
* “y” missing off the second instance of “Facility” in the definition of Demand Unit.
* Space missing after “System” in the body of the definition of Embedded Transmission System.
* Spelling of “constituent” corrected in definition of Planned Outage.
* “e” missing from “Re-Synchronise” in the definition of Quick Re-synchronisation.
* Superfluous space removed from the start of the definition of Transmission Licensee.
* Full stops removed from some titles in Annex 1 – to make all titles consistent.
* In Annex 2 “Distributed Generation Connection Guide” is now singular since the guides have been combined into single document.
* Number of DNO members of DCPR in DGC4.3 increased to 6 in line with most recent constitution and rules.
* Space missing after “Distribution Code” in DGC4.5.
* Space missing after “Equipment” in DPC6.5.1.
* Space missing after “DNO” in DPC6.5.1.
* Spelling of “monitoring” corrected in DPC6.7.9.
* Superfluous space deleted after “Embedded Generators” in DPC7.3.
* Spelling of “of” corrected in DPC7.3.
* Duplicate “Power” deleted from DOC5.7.3.4(b)(ii).
* Addition of a colon at the end of the second paragraph, and a full stop at the end of the last paragraph of DPC7.4.6.
* Full stop added to end of DPC7.5.4.3.
* Full stop added to end of DOC1.1.6.
* “upto” changed to “up to” in DOC5.7.5.2(e).
* Spelling of “exercises” and “fulfil” corrected in DOC5.7.5.3.
* Full stop added to the end of DOC7.7.1.
* Space missing after “System Restoration” in DOC9.4.5.2.
* Space missing after “Equipment” in DOC9.4.6.16.
* Space missing after the second “Equipment” in DOC9.4.10.6.
* Superfluous space between “different” and “ways” in DOC9.5.3.1 deleted.
* Superfluous “s” deleted after “Restoration Contractors’ ” in DDRC6.4.
* “y” missing off “Facility” at the top of the third page of DDRC Schedule 5a.
* “Y” changed to “y” in “Facility” at the top of DDRC Schedule 5a for protection information.
* Spurious space and comma deleted in note 7 of DDRC Schedule 5a.
* “S” changed to “s” at the end of “Power Generating Modules” at the top of DDRC Schedule 5b.
* Spelling of “Energy” corrected in “Energy Conversion Technology” in DDRC Schedule 5b.
* Spelling of “irrespective” corrected in line S of Table 1 of DDRC Schedule 5b.
* “S” changed to “s” at the end of “Power Generating Modules” at the top of DDRC Schedule 5c(iii).
* Space missing after “Power Generating Module” in second line of the table in DDRC Schedule 5c(iii).
* “S” changed to “s” at the end of “Power Generating Modules” at the top of DDRC Schedule 5c(iv).
* “S” changed to “s” at the end of “Power Generating Modules” at the top of DDRC Schedule 5c(v).
* Superfluous space removed form “Circuit impedances” line in DDRC Schedule 5d.
* Superfluous “s” removed from “Consumers’ “ in entry 10 of the Issue Summary.
* Spelling of “Administrators” corrected in entry 21 of the Issue Summary.
* Spelling of “Modifications” corrected in entry 24 of the Issue Summary.
* Spelling of “Modifications”, “ reflect” and “name” corrected in entry 25 of the Issue Summary.
* Spelling of “Guidance” corrected in entry 27 of the Issue Summary.
* Space added after “requirements” in entry 29 of the Issue Summary.
* Spelling of “Amendment” corrected in entry 36 of the Issue Summary.
* Spelling of “licence” corrected in entry 38 of the Issue Summary.
* Spelling of “referencing” corrected in entry 45 of the Issue Summary.
* Spelling of “Technology” corrected in entry 47 of the Issue Summary.
* Spelling of second instance of “Distribution” corrected in entry 49 of the Issue Summary.
* Entry 56 corrected from 55 to 56.

# Applicable Distribution Code Objectives

|  |  |
| --- | --- |
| Impact of the modification on the Applicable Distribution Code Objectives: | |
| Relevant Objectives | Identified impact |
| To permit the development, maintenance and operation of an efficient, coordinated and economical system for the distribution of electricity | Positive |
| To facilitate competition in the generation and supply of electricity | Positive |
| To efficiently discharge the obligations imposed upon distribution licensees by the distribution licences and comply with the Regulation and any relevant legally binding decision of the European Commission and/or the Agency for the Co-operation of Energy Regulators; | Positive |
| To promote efficiency in the implementation and administration of the Distribution Code | Neutral |

# Consultation Questions

1. Do you agree with the general intent of the proposed modifications? If not, please explain your views.
2. Do you have any views on how this amendment addresses the above relevant Distribution Code Objectives?
3. Do you have any comments in respect of the inclusion of the approaches to synchronizing, and the inclusion of back stop criteria, as applied to islands, in section 14.5.4?
4. Do you have any comments in respect of the implications of the restrictions self-islanding in relation to the fault ride through requirements included in 9.6.2.6?
5. Do you have any comments on the proposed revision to the significant modification requirements in section 20.3 and annex A.6?
6. If you have any detailed comments on the proposed drafting, please provide those comments in the proforma provided, or by marking up the consultation drafts of the Distribution Code, G98 and/or G99.
7. Would you suggest any alternative wording etc to any of the proposed amendments? And if so, please include the text you suggest.
8. Are there any other housekeeping or minor corrections you believe should also be made at this time?

# Next Steps

Responses to this consultation should be sent to the Distribution Code Review Panel Secretary at [dcode@energynetworks.org](mailto:dcode@energynetworks.org) by [1700 on Friday 09 August 2024] on the pro-forma provided expressly for the purpose, or via any other convenient means. Responses after this date may not be considered.

**For more information, please contact:**

[Mark Dunk] – Code Administrator - [**dcode@energynetworks.org**](mailto:dcode@energynetworks.org)

Draft G98 Amendments – see separate file.

Draft G99 Amendments – see separate files.

Draft Distribution Code Amendments – see separate file.

1. <https://dcode.org.uk/panels/distributed-energy-resource-(der)-technical-forum.html> [↑](#footnote-ref-2)