

Distribution Code Consultation DCRP/17/04

Title: ENA Distributed Generation Connection Guides

Target Audience: Energy Networks Association's (ENA) Distributed Generation Connection Guides are intended to help developers or prospective owners of any form of Distributed Generation, to connect a generating unit(s) to the UK's electricity distribution networks. The Guides may also be useful for installers or manufacturers of distributed generation equipment.

Date Published: 17th March 2017

Deadline for responses: 21st April 2017

Summary

This Distribution Code public consultation is seeking the views from industry stakeholders on the proposed revision to the ENA DG Connection Guides. The Guides are required as set down in Electricity Distribution Standard Licence Condition 25A. The Guides are Appendix 2 qualifying standards to the GB Distribution Code and are governed by the Distribution Code Review Panel

There are four separate Distributed Generation Connection Guides, each with a corresponding 'Summary' guide. The purpose of the summary guides is to act as a quick check, providing only the most useful information in a condensed format. Each full guide has a flowchart that guides you to the most relevant Connection Guide for the Distributed Generation planned to be installed.

The Guides are intended to help owners or developers of Distributed Generation, to connect generating plant to one of the UK's electricity distribution networks.

1. Introduction

As indicated earlier the guides are in four main parts each with a summary guide. The documents provide general guidance relating to the connection of generating units. The detailed technical requirements for the connection of generating units can be found in the separate Engineering Recommendations G83/2 or G59/3. Both G83 and G59 are freely available to download from the Distribution Code website. The DG connection guides are as follows:

G83/2 Guides

1. A in depth Guide for connecting Domestic-Scale Type Tested Generation to the Distribution Network (typically by Householders) in a single premise that falls under G83/2.

1a. An accompanying quick reference Guide for connecting Domestic-Scale Generation to the Distribution Network (typically by Householders) in a single premise that falls under G83/2.

2. A in depth Guide for connecting Multiple Domestic-Scale Type Tested Generation to the Distribution Network (typically by Developers, Landlords or Community Groups) in multiple premises that falls under G83/2..

2a. An accompanying quick reference Guide for connecting Multiple Domestic-Scale Generation to the Distribution Network (typically by Developers, Landlords or Community Groups) in multiple premises that falls under G83/2.

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G59/3 Guides

3. A in depth Guide for connecting Generation that falls under G59/3 to the Distribution Network (typically by Developers, Industry, Commercial or Farmers).

3a. An accompanying quick reference Guide for connecting Generation that falls under G59/3 to the Distribution Network (typically by Developers Industry, Commercial or Farmers).

4. A in depth Guide for connecting Type Tested Generation that falls under G59/3 and is 50kW or less 3-phase or 17 kW or less single phase to the Distribution Network (typically by Developers, Industry, Commercial or Farmers).

4a. An accompanying quick reference Guide for connecting Type Tested Generation that falls under G59/3 and is 50kW or less 3-phase or 17 kW or less single phase to the Distribution Network (typically by Developers, Industry, Commercial or Farmers).

2 Analysis and Proposal

ENA and its consultants have updated the Guides based on changes to the industry that have occurred over the last 12 months or so. These change can be found in the record of changes document that is included in the consultation pack.

The ENA are therefore requesting comments from industry stakeholders via this public consultation.

3 Applicable Distribution Code Objectives

The Applicable Distribution Code Objectives are to:

- a. permit the development, maintenance, and operation of an efficient, co-ordinated, and economical system for the distribution of electricity; and
- b. facilitate competition in the generation and supply of electricity; and
- c. 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.

4 Consultation Questions

- 4.1 Do you agree that the proposed modifications to the Guides achieve the Distribution Code Objectives?
- 4.2 Is there any additional guidance that you consider is missing and should be included?
- 4.3 Referencing the G83 guides sections and using the consultation response pro-forma can you please consider the content of the guides and provide comments where necessary?
- 4.4 Referencing the G59 guides sections and using the consultation response pro-forma can you please consider the content of the guides and provide comments where necessary?

5. Next Steps

Responses to this consultation should be sent to the Distribution Code Review Panel Secretary at dcode@energynetworks.org by **17:00 Friday 21 April 2017** on the pro-forma provided expressly for the purpose. Responses after this date may not be considered.

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6. Consultation Pack

- DGCG Consultation paper
- Draft DG G83 Connection Guides (Full and Summary)
- Draft DG G59 Connection Guides (Full and Summary)
- Standard Pro- forma comment form x4
- Record of changes

Consultation pack can be found here.

For more information, please contact:

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