

**Distribution Code Review Panel
Meeting 74 – Thursday 7 February 2019**

Modifications to the Distribution Code and Associated Documents for a No Deal EU Exit (Annex)

Paper by Gary Eastwood of Threepwood (on behalf of ENA)

Distribution Code Modification Table

Deletions are shown in strike through and new text is shown in red text.

Proposed modifications to the Distribution Code Issue 36 – 10 December 2018

Code condition	Current wording	Proposed change	Explanatory note
GUIDANCE NOTE 2/5 ER G83 AND G59	The guidance note only applies to small scale generation first connected before 27 April 2019. When the requirements of the EU Network Code “Requirements for all generators” comes into effect on 27 April 2019 it will be necessary for all small scale generation connected on or after that date to comply with the requirements of EREC G98 or EREC G99 as appropriate.	The guidance note only applies to small scale generation first connected before 27 April 2019. When the requirements of the EU Network Code “Requirements for all generators” comes into effect on From 27 April 2019 it will be necessary for all small scale generation connected on or after that date to comply with the requirements of EREC G98 or EREC G99 as appropriate.	Commission Regulation (EU) No 2016/631, Establishing a network code on Requirements for Grid Connection of Generators, will be revoked by section 5 of the Electricity Network Codes and Guidelines (System Operation and Connection) (Amendment etc.) (EU Exit) Regulations 2019. Consequently, the application of these Requirements will not apply after Exit Day and reference to them needs to be deleted.
GUIDANCE NOTE 3 ER G83	In the longer term the Panel expects that either the requirements of the EU Network Code “Requirements for all Generators” when enacted in UK law will require Stirling engine designs to be modified to comply, or to seek a specific derogation. Similarly if the growth of this technology showed a risk of being material,	In the longer term the Panel expects that either the requirements of the EU Network Code “Requirements for all Generators” when enacted in UK law will require Stirling engine designs to be modified to comply, or to seek a specific derogation. Similarly if the growth of this technology showed a risk of being material,	See explanatory note above for GUIDANCE NOTE 2/5. The proposed deletion of text is necessary given the EU Network Code “Requirements for all Generators” will not be enacted in UK law but recognises that specific UK legislation could be introduced in the near future to address similar requirements.

Code condition	Current wording	Proposed change	Explanatory note
	then again full compliance with G83 would be required. The Panel believes that a sensible threshold of materiality, considering the technical and commercial effects of the technology, to be 50MW.	then again full compliance with G83 would be required. The Panel believes that a sensible threshold of materiality, considering the technical and commercial effects of the technology, to be 50MW.	
GUIDANCE NOTE 3 ER G83	This DCRP Guidance Note has now been extended and it is now expected that the “Stirling Engine” as an emerging technology must comply from 27 April 2019 with the requirements laid down in Articles 66-70 of the EU Network Code Requirements for all Generators. See EREC G98 and EREC G99 for details.	This DCRP Guidance Note has now been extended and it is now expected that the “Stirling Engine” as an emerging technology must comply from 27 April 2019 with the requirements laid down in Articles 66-70 of the EU Network Code Requirements for all Generators. See EREC G98 and EREC G99 for details.	See explanatory note above for GUIDANCE NOTE 2/5. The proposed deletion of text reflects the intention that technical requirements in EREC G98 and EREC G99 will not change despite the proposed revocation of the EU Network Code Requirements for Connection of Generators after Exit Day.
DGD	New definition	Retained EU Law has the same meaning as that given by section 6(7) of the European Union (Withdrawal) Act 2018.	Definition of Retained EU Law is needed to identify those EU Directives and Regulations, and parts of, that are still applicable after Exit Day. This includes any modifications to UK legislation made under the Section 8 of the of the European Union (Withdrawal) Act 2018 to address inoperabilities including but not limited to The Electricity and Gas Etc. (Amendment Etc.) (Eu Exit) Regulations 2019. This is the same definition as proposed

Code condition	Current wording	Proposed change	Explanatory note
			for the modified Distribution Licence.
DGD Manufacturers' Information	Information in suitable form provided by a manufacturer in order to demonstrate compliance with one or more of the requirements of the Distribution Code . Where equipment certificate(s) as defined in EU 2016/631, or 2016/1388 cover all or part of the relevant compliance points, the equipment certificate(s) demonstrate compliance without need for further evidence for those aspects within the scope of the equipment certificate	Information in suitable form provided by a manufacturer in order to demonstrate compliance with one or more of the requirements of the Distribution Code . Where equipment certificate(s) as defined in EU 2016/631, or 2016/1388 cover all or part of the relevant compliance points, the equipment certificate(s) demonstrate compliance without need for further evidence for those aspects within the scope of the equipment certificate	EU 2016/631 and EU 2016/1388 are both revoked by section 5 of the Electricity Network Codes and Guidelines (System Operation and Connection) (Amendment etc.) (EU Exit) Regulations 2019. As such the application of these EU Regulations is not catered for in UK legislation and the references are proposed to be deleted.
DIN2.1 (b)(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.	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, except where that decision, or so much of it, is not Retained EU Law.	Aligned with the proposed modification of the Distribution Licence, where only legally binding decisions of the European Commission and/or Agency for the Co-operation of Energy Regulators that are Retained EU Law are applicable. This is to cater for any legally binding decisions made prior to Exit Day by the European Commission and/or Agency for the Co-operation of Energy Regulators.
DPC7.1.5	27 April 2019 is the date from which new or substantially modified Power Generating Modules must comply	[Delete DPC7.1.5]	Key elements of the European Connection Codes (including connection of Generators) apply from

Code condition	Current wording	Proposed change	Explanatory note
	with the European Network Code on Requirements for Connection of Generators. Compliance with Engineering Recommendations G98 and G99 will ensure compliance with this European Network Code.		<p>dates after 29 March 2019 and, as a result, are not incorporated into domestic law by the European Union (Withdrawal) Act 2018 despite currently being in force in the UK. As the absence of the key elements of the Connection Codes which apply from dates after Exit Day would render the remainder of the codes inoperable, the Electricity Network Codes and Guidelines (System Operation and Connection) (Amendment etc.) (EU Exit) Regulations 2019 will revoke the European Connection Code Requirements for Connection of Generators. Hence the need to delete this Code Condition. The UK Government's intention is that both the provisions not incorporated by the European Union (Withdrawal) Act 2018 and those revoked by the Electricity Network Codes and Guidelines (System Operation and Connection) (Amendment etc.) (EU Exit) Regulations 2019 will be created in domestic law under the powers of the Electricity and Gas (Powers to Make Subordinate Legislation)</p>

Code condition	Current wording	Proposed change	Explanatory note
			(Amendment) (EU Exit) Regulations 2019 as soon as practicable after Exit Day.
DOC2.2(c)	To provide guidance for High Voltage Customer on how to comply with their obligations under Article 7 of the European Transparency Regulations (The European Commission Regulation No 543/2013) to provide information to NGC in their role as Transmission System Operator.	To provide guidance for High Voltage Customer on how to comply with their obligations under Article 7 of the European Transparency Regulations (The European Commission Regulation No 543/2013), except where those obligations, or part of them, are not Retained EU Law , to provide information to NGC in their role as Transmission System Operator.	Article 7 of the European Transparency Regulations (information relating to the unavailability of consumption units) will be amended by virtue of Schedule 3 of The Electricity and Gas (Market Integrity and Transparency) (Amendment) (EU Exit) Regulations 2019, which clarifies what is Retained EU Law in relation to EC Regulation No. 543/2013. The supplemental text in red font ensures that obligations that are not Retained EU Law will not apply after Exit Day.
DOC5.6.2.2	The test referred to in DOC5.6.2.1 on any one or more of the Power Generating Modules comprising part of the relevant Embedded Medium Power Station should only be to demonstrate that: (a) the relevant Power Generating Module meets the requirements of the paragraphs in the Grid Code Connection Conditions or European Connection Conditions (as applicable) which are applicable to such Power Generating Modules or Power Station ; or	The test referred to in DOC5.6.2.1 on any one or more of the Power Generating Modules comprising part of the relevant Embedded Medium Power Station should only be to demonstrate that: (a) the relevant Power Generating Module meets the requirements of the paragraphs in the Grid Code Connection Conditions or European Connection Conditions (as applicable) which are applicable to such Power Generating Modules or Power Station ; or	As the European Connection Code for Connection of Generators will be revoked after Exit Day, the European Connection Conditions referred to in DOC5.6.2.2 cannot be applied and reference to them is proposed to be deleted.

Code condition	Current wording	Proposed change	Explanatory note
	b) the relevant Power Generating Module meets the requirements for operation in limited frequency sensitive mode as describe in the Grid Code in accordance with CC.6.3.3 (or ECC6.3.3), BC3.5.2 and BC3.7.2,	b) the relevant Power Generating Module meets the requirements for operation in limited frequency sensitive mode as describe in the Grid Code in accordance with CC.6.3.3 (or ECC6.3.3), BC3.5.2 and BC3.7.2,	

Distribution Code Review Panel – Rules and Constitution Modification Table

Deletions are shown in strike through and new text is shown in red text.

Proposed modifications to The Constitution And Rules Of The Distribution Code Review Panel Of Great Britain Version 7 – May 2017.

Clause	Current wording	Proposed change	Explanatory note
2.1	New definition	Retained EU Law has the same meaning as that given by section 6(7) of the European Union (Withdrawal) Act 2018.	Same Definition of Retained EU Law, as proposed for the Distribution Code, is needed to identify those EU Directives and Regulations, and parts of, that are still applicable after Exit Day. This includes any modifications to UK legislation made under the Section 8 of the of the European Union (Withdrawal) Act 2018 to address inoperabilities including but not limited to The Electricity and Gas Etc. (Amendment Etc.) (Eu Exit) Regulations 2019.
21(b)	If the Panel has been notified by the Authority that the Authority reasonably considers it necessary to comply with or implement the Regulation and/or any relevant legally binding decision of the European Commission and/or Agency for the Co-operation of Energy Regulators, the Panel shall proceed with its periodic review in accordance with any timetable(s) directed by the Authority in relation to the progress of the review and/or the	If the Panel has been notified by the Authority that the Authority reasonably considers it necessary to comply with or implement the Regulation and/or any relevant legally binding decision of the European Commission and/or Agency for the Co-operation of Energy Regulators, except where that decision, or so much of it, is not Retained EU Law , the Panel shall proceed with its periodic review in accordance with any timetable(s) directed by the Authority in	Aligned with the proposed modification of the Distribution Licence, where only legally binding decisions of the European Commission and/or Agency for the Co-operation of Energy Regulators that are Retained EU Law are applicable after Exit Day.

Clause	Current wording	Proposed change	Explanatory note
	implementation of the relevant modification to the Distribution Code .	relation to the progress of the review and/or the implementation of the relevant modification to the Distribution Code .	
4.1 iii	The Panel shall determine whether the proposal should be pursued, the relevance to other Network Code Review Panels (NCRPs), timescales for development, the extent of public consultation (including any initial consultation prior to development work), and whether a Standards Working Group is required. If the Panel has been notified by the Authority that the Authority reasonably considers it necessary to comply with or implement the Regulation and/or any relevant legally binding decision of the European Commission and/or Agency for the Co-operation of Energy Regulators, the Panel shall proceed with a modification proposal in accordance with any timetable directed by the Authority in relation to the progress of the review and/or the implementation of the relevant modification to the Distribution Code .	The Panel shall determine whether the proposal should be pursued, the relevance to other Network Code Review Panels (NCRPs), timescales for development, the extent of public consultation (including any initial consultation prior to development work), and whether a Standards Working Group is required. If the Panel has been notified by the Authority that the Authority reasonably considers it necessary to comply with or implement the Regulation and/or any relevant legally binding decision of the European Commission and/or Agency for the Co-operation of Energy Regulators, except where that decision, or so much of it, is not Retained EU Law , the Panel shall proceed with a modification proposal in accordance with any timetable directed by the Authority in relation to the progress of the review and/or the implementation of the relevant modification to the Distribution Code .	Aligned with the proposed modification of the Distribution Licence, where only legally binding decisions of the European Commission and/or Agency for the Co-operation of Energy Regulators that are Retained EU Law are applicable after Exit Day.

ENA EREC G83 Modification Table

Deletions are shown in strike through and new text is shown in red text.

Proposed modifications to ENA Engineering Recommendation G83 Issue 2 Amendment 1 July 2018.

Clause	Current wording	Proposed change	Explanatory note
1 Foreword, para 10	In addition to the requirements specified in this document which allows connection to the GB electricity Distribution System, the SSEG and all of its components shall comply with all relevant legal requirements including European Directives and CE marking.	In addition to the requirements specified in this document which allows connection to the GB electricity Distribution System, the SSEG and all of its components shall comply with all relevant legal requirements including European Directives and CE marking, except where those requirements, or part of them, are not Retained EU Law.	The broad reference to compliance with 'European Directives and CE Marking', needs to be qualified with the supplemental text so only Retained EU Law is applied after Exit Day. This reflects the currently proposed legal framework where products that have undergone the complete process of manufacturing and conformity assessment (i.e. which are ready for placing on the market) can still be placed on the UK market with a CE Marking after 29 March 2019. This proposed change requires SSEG supplied before Exit Day to have CE marking and those supplied after Exit Day to have CE marking, so long as this is a requirement in UK law.
4 Terms and definitions	New definition	Retained EU Law has the same meaning as that given by section 6(7) of the European Union (Withdrawal) Act 2018.	Definition of Retained EU Law, as proposed for the Distribution Code, is needed to identify those EU Directives and Regulations, and parts of, that are still applicable after Exit Day. This includes any modifications to UK legislation made under the Section 8 of the Act to address inoperabilities

Clause	Current wording	Proposed change	Explanatory note
			including but not limited to The Electricity and Gas Etc. (Amendment Etc.) (Eu Exit) Regulations 2019.
5.4 Quality of Supply	The connection of the SSEG in parallel with a DNO's Distribution System shall not impair the quality of supply provided by the DNO to the User or any other Customer . In this respect the SSEG shall comply with the requirements of the EMC Directive and in particular the product family emission standards listed in Table 2.	The connection of the SSEG in parallel with a DNO's Distribution System shall not impair the quality of supply provided by the DNO to the User or any other Customer . In this respect the SSEG shall comply with the requirements of the EMC Directive, except where those requirements, or part of them, are not Retained EU Law , and in particular the product family emission standards listed in Table 2.	The broad reference to compliance with the EMC Directive needs to be qualified with the supplemental text so only Retained EU Law is applied after Exit Day
5.9.2 Compliance	The SSEG shall comply with all relevant European Directives and should be labelled with a CE marking.	The SSEG shall comply with all relevant European Directives and should be labelled with a CE marking, except where those requirements including those for CE marking, or part of them, are not Retained EU Law .	Same as explanatory note for ENA EREC G83 Clause 1 Foreword, para 10.
A1.2 CE Marking and Certification	The type verification procedure requires that the SSEG interface be certified to the relevant requirements of the applicable Directives before the unit can be labelled with a CE mark. Where the protection control is to be provided as a separate device, this must also be Type Tested and certified to the relevant requirements of	The type verification procedure requires that the SSEG interface be certified to the relevant requirements of the applicable Directives before the unit can be labelled with a CE mark, except where those requirements including those for CE marking, or part of them, are not Retained EU Law . Where the protection	Same as explanatory note for ENA EREC G83 Clause 1 Foreword, para 10.

Clause	Current wording	Proposed change	Explanatory note
	the applicable Directives before it can be labelled with a CE mark.	control is to be provided as a separate device, this must also be Type Tested and certified to the relevant requirements of the applicable Directives before it can be labelled with a CE mark, except where those requirements including those for CE marking, or part of them, are not Retained EU Law.	
B1.2 CE Marking and Certification	The type verification procedure requires that the SSEG interface be certified to the relevant requirements of the applicable Directives before the unit can be labelled with a CE mark. Where the protection control is to be provided as a separate device, this must also be Type Tested and certified to the relevant requirements of the applicable Directives before it can be labelled with a CE mark.	The type verification procedure requires that the SSEG interface be certified to the relevant requirements of the applicable Directives before the unit can be labelled with a CE mark, except where those requirements including those for CE marking, or part of them, are not Retained EU Law. Where the protection control is to be provided as a separate device, this must also be Type Tested and certified to the relevant requirements of the applicable Directives before it can be labelled with a CE mark, except where those requirements including those for CE marking, or part of them, are not Retained EU Law.	Same as explanatory note for ENA EREC G83 Clause 1 Foreword, para 10.

ENA EREC G98 Modification Table

Deletions are shown in strike through and new text is shown in red text.

Proposed modifications to ENA Engineering Recommendation G98 Issue 1 Amendment 3.

Clause	Current wording	Proposed change	Explanatory note
Foreword, para 2	This document has been prepared and approved under the authority of the Great Britain Distribution Code Review Panel . This EREC G98 has been written to take account of the EU Network Code on Requirements for Grid Connection of Generators 14 April 2016.	This document has been prepared and approved under the authority of the Great Britain Distribution Code Review Panel . This EREC G98 has been was initially written to take account of the EU Network Code on Requirements for Grid Connection of Generators 14 April 2016. Subsequently, EREC G98 has been amended to remove references to Commission Regulation (EU) No 2016/631, Establishing a network code on Requirements for Grid Connection of Generators, which has been revoked by section 5 of the Electricity Network Codes and Guidelines (System Operation and Connection) (Amendment etc.) (EU Exit) Regulations 2019. Notwithstanding, the requirements in EREC G98 have not been modified, except where those requirements, or part of them, are not Retained EU Law.	The requirements in EREC G98 were initially written to take into account the application of Commission Regulation (EU) No 2016/631, Establishing a network code on Requirements for Grid Connection of Generators. In the event the UK leaves the EU without a deal this Regulation will be revoked and hence the need to remove references to compliance to it. However, the intent is that the technical requirements in EREC G98 will still apply, except where those requirements, or part of them, are not Retained EU Law. The various Statutory Instruments prepared under the European Union (Withdrawal) Act 2018 make clear what constitutes Retained EU Law.
1.4 Legal Aspects	In addition to the requirements specified in this document which allows connection to the GB public Low Voltage Distribution Network ,	In addition to the requirements specified in this document which allows connection to the GB public Low Voltage Distribution Network ,	The broad reference to compliance with 'European Directives and CE Marking', needs to be qualified with the supplemental text so only

Clause	Current wording	Proposed change	Explanatory note
	the Micro-generator and all of its components shall conform to all relevant legal requirements including European Directives and CE marking.	the Micro-generator and all of its components shall conform to all relevant legal requirements including European Directives and CE marking, except where those requirements, or part of them, are not Retained EU Law.	Retained EU Law is applied after Exit Day. This reflects the currently proposed legal framework where products that have undergone the complete process of manufacturing and conformity assessment (i.e. which are ready for placing on the market) can still be placed on the UK market with a CE Marking after 29 March 2019. This proposed change requires SSEG supplied before Exit Day to have CE marking and those supplied after Exit Day to have CE marking, so long as this is a requirement in UK law.
3 References	The following referenced documents, in whole or part, are indispensable for the application of this document. It is expected that it will be appropriate to use the most recent version of the documents below. Where any conflict arises the version in place at the time of commissioning of the Micro-generator shall take precedence.	The following referenced documents, in whole or part, are indispensable for the application of this document. It is expected that it will be appropriate to use the most recent version of the documents below, except for Retained EU Law, where the version that has effect immediately before Exit Day applies as read with the modifications to UK legislation made under the Section 8 of the of the European Union (Withdrawal) Act 2018. Except for Retained EU Law, Wwhere any conflict arises the version in place at the time of commissioning of the	The current wording needs to be qualified with the supplemental text for correct application of Retained EU Law. The proposed change makes clear that the version of EU law that has effect immediately before Exit Day applies and subsequent changes after Exit Day do not apply to the UK.

Clause	Current wording	Proposed change	Explanatory note
		Micro-generator shall take precedence.	
3.1	COMMISSION REGULATION (EU) No 2016/631 Establishing a network code on Requirements for Grid Connection of Generators.	COMMISSION REGULATION (EU) No 2016/631 Establishing a network code on Requirements for Grid Connection of Generators.	EU 2016/631 is revoked by section 5 of the Electricity Network Codes and Guidelines (System Operation and Connection) (Amendment etc.) (EU Exit) Regulations 2019. As such the application of these EU Regulations is not catered for in UK legislation and the reference is proposed to be deleted.
3.1	Directive 2009/72/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL Concerning common rules for the internal market in electricity and repealing Directive 2003/54/EC.	Directive 2009/72/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL Concerning common rules for the internal market in electricity and repealing Directive 2003/54/EC as it has effect immediately before Exit Day as read with the modifications set out in the Electricity Act 1989.	This proposed change aligns with the proposed modification to the Directive in Standard Licence Condition 1.3 of the Distribution Licence and will ensure that the references to the Directive are to be interpreted on the basis of the Directive as it has effect immediately before Exit Day as read with the modifications inserted into section 5B of the Electricity Act 1989 by regulation 39 of the Electricity and Gas etc. (Amendment etc.) (EU Exit) Regulations 2019.
3.1	Regulation (EC) No 714/2009 of the European Parliament and of the Council on conditions for access to the network for cross-border exchanges in electricity and repealing Regulation (EC) No 1228/2003.	Regulation (EC) No 714/2009 of the European Parliament and of the Council on conditions for access to the network for cross-border exchanges in electricity and repealing Regulation (EC) No 1228/2003, except where those conditions, or part	After Exit Day, the requirements in Regulation (EC) No 714/2009 apply as set out in The Electricity and Gas etc. (Amendment etc.) (EU Exit) Regulations 2019 and The Electricity and Gas (Market Integrity and Transparency)

Clause	Current wording	Proposed change	Explanatory note
		of them, are not Retained EU Law.	(Amendment) (EU Exit) Regulations 2019. This proposed change will enable the retained requirements from the Regulation to apply correctly.
3.1	Regulation (EC) No 765/2008 of the European Parliament and of the Council Setting out the requirements for accreditation and market surveillance relating to the marketing of products and repealing Regulation (EEC) No 339/93.	Regulation (EC) No 765/2008 of the European Parliament and of the Council Setting out the requirements for accreditation and market surveillance relating to the marketing of products and repealing Regulation (EEC) No 339/93, except where those requirements, or part of them, are not Retained EU Law.	The reference to Regulation (EC) No 765/2008, needs to be qualified with the supplemental text so that only Retained EU Law is applied after Exit Day. This reflects the currently proposed legal framework where certain requirements for accreditation and market surveillance of products in this Regulation will apply as modified by UK law.
4 Terms and definitions	New definition	Retained EU Law has the same meaning as that given by section 6(7) of the European Union (Withdrawal) Act 2018.	Definition of Retained EU Law, as proposed for the Distribution Code, is needed to identify those EU Directives and Regulations, and parts of, that are still applicable after Exit Day. This includes any modifications to UK legislation made under the Section 8 of the Act to address inoperabilities including but not limited to The Electricity and Gas Etc. (Amendment Etc.) (Eu Exit) Regulations 2019.
4 Terms and definitions	New definition	Exit Day has the same meaning as that given in section 20(1) of the European Union (Withdrawal) Act 2018.	This new definition is required to give effect to the version of the document to be referenced after Exit Day.

Clause	Current wording	Proposed change	Explanatory note
6.2 Compliance	The Micro-generator(s) shall conform to all relevant European Directives and should be labelled with a CE marking.	The Micro-generator(s) shall conform to all relevant European Directives and should be labelled with a CE marking, except where those requirements including those for CE marking, or part of them, are not Retained EU Law.	The broad reference to compliance with 'European Directives and CE Marking', needs to be qualified with the supplemental text so only Retained EU Law is applied after Exit Day. See explanatory note for proposed modification of ENA EREC G83 Clause 1 Foreword, para 10.
Appendix 1, p.29, para 1	For the purpose of assessing the 800 W threshold, the Registered Capacity of the Micro-generating Plant should not include the capacity of Electricity Storage devices where they are AC coupled with generation, as Electricity Storage devices are exempt from the European Network Code Requirement for Generators. However, where the Electricity Storage devices are DC coupled with generation, the Registered Capacity of the Micro-generating Plant is dictated by the Inverter rating, and this will determine whether the 800 W exception applies. Where Electricity Storage devices are DC coupled with generation with a Registered Capacity of or greater than 800 W, then the Electricity Storage exceptions do not apply to the Inverter .	For the purpose of assessing the 800 W threshold, the Registered Capacity of the Micro-generating Plant should not include the capacity of Electricity Storage devices where they are AC coupled with generation, as Electricity Storage devices are exempt from the European Network Code Requirement for Generators. However, where the Electricity Storage devices are DC coupled with generation, the Registered Capacity of the Micro-generating Plant is dictated by the Inverter rating, and this will determine whether the 800 W exception applies. Where Electricity Storage devices are DC coupled with generation with a Registered Capacity of or greater than 800 W, then the Electricity Storage exceptions do not apply to the Inverter .	Deleted text regarding exemption of Electricity Storage Devices from the European Network Code Requirement for Generators given EU 2016/631 establishing a network code on requirements for grid connection of generators will be revoked by section 5 of the Electricity Network Codes and Guidelines (System Operation and Connection) (Amendment etc.) (EU Exit) Regulations 2019.

ENA EREC G99 Modification Table

Deletions are shown in strike through and new text is shown in red text.

Proposed modifications to ENA Engineering Recommendation G99 Issue 1 Amendment 4.

Clause	Current wording	Proposed change	Explanatory note
Foreword, footnote 1	This document is a culmination of EREC G59, parts of Distribution Code and the European Network Code Requirements for Generators. The Requirements for Generators Network Code has a number of exclusions, one of which is Electricity Storage (except for pumped-storage). A number of requirements in this document, which have originated from the Requirements for Generators Network Code, do not apply to Electricity Storage . Refer to Annex A.4 for full details. All other requirements in this document apply to Electricity Storage .	This document is a culmination of EREC G59, parts of Distribution Code and the European Network Code Requirements for Generators, as it has effect immediately before Exit Day . The Requirements for Generators Network Code, as it has effect immediately before Exit Day , has a number of exclusions, one of which is Electricity Storage (except for pumped-storage). A number of requirements in this document, which have originated from the Requirements for Generators Network Code, as it has effect immediately before Exit Day , do not apply to Electricity Storage. Refer to Annex A.4 for full details. All other requirements in this document apply to Electricity Storage.	The proposed changes in this clause clarify that any requirements from the European Network Code Requirements for Generators are those that were in effect immediately before Exit Day. For clarity, any subsequent amendment of the European Network Code Requirements for Generators by the European Commission will not apply after Exit Day.
1.2	The requirements set out in this EREC are designed to facilitate the connection of Power Generating Module(s) whilst maintaining the integrity of the Distribution Network , both in terms of safety and supply quality. It	The requirements set out in this EREC are designed to facilitate the connection of Power Generating Module(s) whilst maintaining the integrity of the Distribution Network , both in terms of safety and supply quality. It	Deleted text regarding exemption of Electricity Storage Devices from the European Network Code Requirement for Generators given EU 2016/631 establishing a network code on requirements for grid connection of generators

Clause	Current wording	Proposed change	Explanatory note
	applies to all Power Generating Module(s) within the scope of Section 2, irrespective of the type of electrical machine and equipment used to convert any primary energy source into electrical energy. Note that although Electricity Storage is in the scope of this EREC G99, a number of technical requirements do not apply, as Electricity Storage (except for pumped-storage) is currently excluded from the Requirements for Generators Network Code. The exclusions for Electricity Storage and other exceptions are noted in Annex A.4. The rest of this document applies to Electricity Storage in full.	applies to all Power Generating Module(s) within the scope of Section 2, irrespective of the type of electrical machine and equipment used to convert any primary energy source into electrical energy. Note that although Electricity Storage is in the scope of this EREC G99, a number of technical requirements do not apply, as Electricity Storage (except for pumped-storage) is currently excluded from the Requirements for Generators Network Code. The exclusions for Electricity Storage and other exceptions are noted in Annex A.4. The rest of this document applies to Electricity Storage in full.	is revoked by section 5 of the Electricity Network Codes and Guidelines (System Operation and Connection) (Amendment etc.) (EU Exit) Regulations 2019.
1.4 Legal Aspects	In addition to the requirements specified in this document which allows connection to the GB public Low Voltage Distribution Network , the Micro-generator and all of its components shall conform to all relevant legal requirements including European Directives and CE marking.	In addition to the requirements specified in this document which allows connection to the GB public Low Voltage Distribution Network , the Micro-generator and all of its components shall conform to all relevant legal requirements including European Directives and CE marking, except where those requirements including those for CE marking, or part of them, are not Retained EU Law.	The broad reference to compliance with 'European Directives and CE Marking', needs to be qualified with the supplemental text so only Retained EU Law is applied after Exit Day. See explanatory note for proposed modification of ENA EREC G83 Clause 1 Foreword, para 10.

Clause	Current wording	Proposed change	Explanatory note
3.2	COMMISSION REGULATION (EU) No 2016/631 Establishing a network code on Requirements for Grid Connection of Generators.	COMMISSION REGULATION (EU) No 2016/631 Establishing a network code on Requirements for Grid Connection of Generators.	EU 2016/631 is revoked by section 5 of the Electricity Network Codes and Guidelines (System Operation and Connection) (Amendment etc.) (EU Exit) Regulations 2019. As such the application of these EU Regulations is not catered for in UK legislation and the reference is proposed to be deleted.
3.2	Directive 2009/72/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL Concerning common rules for the internal market in electricity and repealing Directive 2003/54/EC.	Directive 2009/72/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL Concerning common rules for the internal market in electricity and repealing Directive 2003/54/EC as it has effect immediately before Exit Day as read with the modifications set out in the Electricity Act 1989.	This proposed change aligns with the proposed modification to the Directive in Standard Licence Condition 1.3 of the Distribution Licence and will ensure that the references to the Directive are to be interpreted on the basis of the Directive as it has effect immediately before Exit Day as read with the modifications inserted into section 5B of the Electricity Act 1989 by regulation 39 of the Electricity and Gas etc. (Amendment etc.) (EU Exit) Regulations 2019.
3.2	Regulation (EC) No 714/2009 of the European Parliament and of the Council on conditions for access to the network for cross-border exchanges in electricity and repealing Regulation (EC) No 1228/2003.	Regulation (EC) No 714/2009 of the European Parliament and of the Council on conditions for access to the network for cross-border exchanges in electricity and repealing Regulation (EC) No 1228/2003, except where those conditions, or part of them, are not Retained EU Law.	After Exit Day, the requirements in Regulation (EC) No 714/2009 apply as set out in The Electricity and Gas etc. (Amendment etc.) (EU Exit) Regulations 2019 and The Electricity and Gas (Market Integrity and Transparency) (Amendment) (EU Exit) Regulations 2019. This

Clause	Current wording	Proposed change	Explanatory note
			proposed change will enable the retained requirements from the Regulation to apply correctly.
3.2	Regulation (EC) No 765/2008 of the European Parliament and of the Council Setting out the requirements for accreditation and market surveillance relating to the marketing of products and repealing Regulation (EEC) No 339/93.	Regulation (EC) No 765/2008 of the European Parliament and of the Council Setting out the requirements for accreditation and market surveillance relating to the marketing of products and repealing Regulation (EEC) No 339/93, except where those requirements, or part of them, are not Retained EU Law.	The reference to Regulation (EC) No 765/2008, needs to be qualified with the supplemental text so that only Retained EU Law is applied after Exit Day. This reflects the currently proposed legal framework where certain requirements for accreditation and market surveillance of products in this Regulation will apply as modified by UK law.
4 Terms and Definitions	Manufacturers' Information Information in suitable form provided by a Manufacturer in order to demonstrate compliance with one or more of the requirements of this EREC G99. Where Equipment Certificate(s) as defined in EU 2016/631 cover all or part of the relevant compliance points, the Equipment Certificate(s) demonstrate compliance without need for further evidence for those aspects within the scope of the Equipment Certificate.	Manufacturers' Information Information in suitable form provided by a Manufacturer in order to demonstrate compliance with one or more of the requirements of this EREC G99. Where Equipment Certificate(s) as defined in EU 2016/631 cover all or part of the relevant compliance points, the Equipment Certificate(s) demonstrate compliance without need for further evidence for those aspects within the scope of the Equipment Certificate.	EU 2016/631 is revoked by section 5 of the Electricity Network Codes and Guidelines (System Operation and Connection) (Amendment etc.) (EU Exit) Regulations 2019. As such the application of this EU Regulation is not catered for in UK legislation and the reference is proposed to be deleted.
4 Terms and definitions	New definition	Retained EU Law has the same meaning as that given by section 6(7) of the European Union (Withdrawal) Act 2018.	Definition of Retained EU Law, as proposed for the Distribution Code, is needed to identify those EU Directives and Regulations, and parts of,

Clause	Current wording	Proposed change	Explanatory note
			that are still applicable after Exit Day. This includes any modifications to UK legislation made under the Section 8 of the Act to address inoperabilities including but not limited to The Electricity and Gas Etc. (Amendment Etc.) (Eu Exit) Regulations 2019.
4 Terms and definitions	New definition	Exit Day has the same meaning as that given in section 20(1) of the European Union (Withdrawal) Act 2018.	This new definition is required to give effect to the version of the document to be referenced after Exit Day.
5.1	The operation and design of the electricity system in Great Britain is defined principally by Directive 2009/72/EC, the Electricity Act , the Electricity Safety Quality and Continuity Regulations (ESQCR) 2002, as well as general considerations under the Health and Safety at Work Act (HASWA) 1974 and the Electricity at Work Regulations (EaWR) 1989. A brief summary of the main statutory obligations on DNOs, Generators and Customers is included as Annex D.4.	The operation and design of the electricity system in Great Britain is defined principally by Directive 2009/72/EC, as it has effect immediately before Exit Day as read with the modifications set out in the Electricity Act 1989 , the Electricity Act , the Electricity Safety Quality and Continuity Regulations (ESQCR) 2002, as well as general considerations under the Health and Safety at Work Act (HASWA) 1974 and the Electricity at Work Regulations (EaWR) 1989. A brief summary of the main statutory obligations on DNOs, Generators and Customers is included as Annex D.4.	See explanatory note for 3.2 Directive 2009/72/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL.
5.2	Directive 2009/72/EC gives rise to a number of pieces of other EU law, the most relevant of which is Commission	Directive 2009/72/EC gives rise to a number of pieces of other EU law, the most relevant of which is Commission	The requirements in EREC G99 were initially written to take into account the application of Commission Regulation

Clause	Current wording	Proposed change	Explanatory note
	Regulation (EU) 2016/631, the Network Code Requirements for all Generators (RfG). This code supersedes UK law, although it is not a complete set of requirements. This EREC has been written to comply fully with the requirements of the RfG, and to include other requirements required for connection to the GB power system.	Regulation (EU) 2016/631, the Network Code Requirements for all Generators (RfG). This code supersedes UK law, although it is not a complete set of requirements. This EREC has been was initially written to comply fully with the requirements of Commission Regulation (EU) No 2016/631, Establishing a network code on Requirements for Grid Connection of Generators (the RfG) , and to include other requirements required for connection to the GB power system. Subsequently, EREC G99 has been amended to remove references to Commission Regulation (EU) No 2016/631, which has been revoked by section 5 of the Electricity Network Codes and Guidelines (System Operation and Connection) (Amendment etc.) (EU Exit) Regulations 2019. Notwithstanding, the requirements in EREC G99 have not been modified, except where those requirements, or part of them, are not Retained EU Law.	(EU) No 2016/631, Establishing a network code on Requirements for Grid Connection of Generators. In the event the UK leaves the EU without a deal this Regulation will be revoked and hence the need to remove references to compliance with it. However, the intent is that the technical requirements in EREC G99 will still apply, except where those requirements, or part of them, are not Retained EU Law. The various Statutory Instruments prepared under the European Union (Withdrawal) Act 2018 make clear what constitutes Retained EU Law.
16.1.6	The Power Generating Module shall comply with all relevant European Directives and should be labelled with a	The Power Generating Module shall comply with all relevant European Directives and should be labelled with a corresponding CE	See explanatory note for proposed modification of ENA EREC G99 Clause 1.4.

Clause	Current wording	Proposed change	Explanatory note
	corresponding CE marking.	marking, except where those requirements including those for CE marking, or part of them, are not Retained EU Law .	
19.7.2 (c)	decides not to grant any derogation in respect of the plant and/or apparatus, then there will be no Operational Notification in place and in accordance with Article 3.1 of the RfG the DNO will initiate a process to disconnect the Power Generating Facility from the DNO's Distribution Network .	decides not to grant any derogation in respect of the plant and/or apparatus, then there will be no Operational Notification in place and in accordance with Article 3.1 of the RfG the DNO will initiate a process to disconnect the Power Generating Facility from the DNO's Distribution Network .	See explanatory note for Clause 5.2.