**European Network Codes Requirements - Requirement for Generators (RfG)**

**Information for customers wishing to connect Distributed Energy Resources to NIE Network’s Distribution System**

**Background**

For those planning to connect new generating equipment to NIE Network’s distribution system, you will most likely be affected by the new requirements from the European Connection Code: Requirements for Generators (RfG). This document aims to highlight the timescales and scope of the European Connection Code in relations to Micro-generators.

**Applicability**

To take account of the new requirements mandated by the EU Network Code RfG, a new Engineering Recommendation (EREC) G98/NI has been developed. This new EREC G98/NI replaces the existing EREC G83 and comes into effect on 27 April 2019 for Micro-generators up to 16A per phase, commissioned on or after that date. The definition of Micro-generators within this document includes Electricity Storage devices and hence this document also applies to Electricity Storage devices.

Micro-generators must meet all of the requirements set out in EREC G98/NI. They must have the formal status of ‘Fully Type Tested’ and have provided proof that these requirements have been met.

In order to conform to EREC G98/NI, the relevant part of the Customer Installation shall conform to the requirements of EN 50438 together with additional requirements also detailed in this document. The purpose of EREC G98/NI is to explain the technical requirements for connection of Micro-generators for operation in parallel with a public Low Voltage Distribution Network, by addressing all technical aspects of the connection process, from standards of functionality to on-site commissioning.

The consultation draft version of EREC G98/NI is available form the NIE Networks website at the following link: <https://www.nienetworks.co.uk/about-us/distribution-code/consultations>.

Following Utility Regulator approval, the final version of the document will be published on NIE Network’s website. On the basis of responses received during the consultation period, significant changes to the final approved version are not envisaged.

It should be noted that Micro-generators that conform to EREC G98/NI can be connected in advance of 27 April 2019 as they will also conform to the pre-existing EREC G83 requirements.

**For the avoidance of doubt, Micro-generators up to 16A per phase connecting to NIE Network’s distribution system on or after 27 April 2019 MUST comply with the requirements of EREC G98/NI. After this date commissioning of new Micro-generators type tested to the EREC G83 standard will NOT be permitted.**