



MICRO-GENERATION PROTECTION SETTINGS CONFIRMATION CERTIFICATE FORM NC6-01-R7

(Please complete and return to ESB Networks with appropriate Application and Type Test Certificate)

ESB Networks DAC requires the information requested on this notification form to manage your electricity supply connection. As the Distribution System Operator, this information is also required to enable ESB Networks DAC to manage the electricity network. The data controller is ESB Networks DAC. Please refer to our privacy policy at <https://esbnetworks.ie/privacy>

FOR OFFICIAL USE ONLY

Date received: _____
 Planner group: _____
 DUOS group: _____
 Supplier: _____

**Please fill in ALL sections in BLOCK CAPITALS
 Do not leave any section blank; N/A to be used if it doesn't apply.**

1. SITE ADDRESS

Site Address: _____
 MPRN: _____ Eircode: _____

2. MICROGENERATION DETAILS

Microgenerator Manufacturer: Model No:
 Corresponding Type Test Certificate Referencing above Unit:

 Single/Three Phase: Single: Three:

The Protection Settings listed should be set on the unit either **prior to installation** or **on installation**, and should be as confirmed by the Safe Electric Installer.

3. PARAMETERS

Parameter	Trip setting	Clearance time	Confirm settings have been / will be applied (Y/N)
Over Voltage			
Pre I.S EN 50549-1 Single Stage Voltage Setting	269 V / 468 V	0.7 s	
I.S. EN 50549-1 Two Stage Voltage Settings	Stage 1 269 V / 468 V	70 s	
	Stage 2 281 V / 488 V	0.7 s	
Under voltage	191 V / 332 V	0.7 s	
Over frequency*	52 Hz	0.5 s	
Under frequency*	47 Hz	0.5 s	
An explicit Loss of Mains functionality shall be included. Established methods such as, but not limited to, Rate of Change of Frequency, or Source Impedance Measurement may be used. Where Source Impedance is measured, this shall be achieved by purely passive means. Any implementation which involves the injection of pulses onto the DSO network, shall not be permitted.			
ROCOF (**)	1.0 Hz/s	0.6 s	
Vector Shift	Not permitted		

Important Note:

- No deviations from the protection settings in the above Table shall be allowed without permission in writing from ESB Networks.
- If a deviation exists, please provide correspondence from ESB Networks confirming acceptance of this deviation to networkservicesbureau@esb.ie

The Micro-Generation installation proposed for connection at the above address:

- Conforms to IS. EN 50549-1 and that a completed Micro-Generation Notification Form (NC6) as well as a Type Test Certificate identifying that this Manufacturer's Model has been type tested, is attached.
- Details of the Generator interface protection settings installed are as per those applicable in the Conditions Governing the Connection and Operation of Micro-Generation (DTIS-230206-BRL) current at date of application, and the actual settings that have either been installed or, which will be installed on the Micro-Generator are as listed above.



If a deviation exists for which no permission from ESB Networks had been granted, the installation shall be disconnected immediately, and contact made with ESB Networks to regularise the situation.

4. INSTALLER DETAILS

I confirm that the above information is accurate:

Installer Name:

Installer SafeElectric No:

Installer Mobile No.:

Installer email:

Installer Address [inc. Eircode]:

Signature:

Date:

PLEASE REMEMBER!
DON'T BUILD UNDER OR NEAR ELECTRICITY WIRES
STAY SAFE STAY CLEAR
OF ELECTRICITY WIRES
ESB NETWORKS DAC



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Directors: Jerry O'Sullivan (Chairman),
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Registered in Ireland No. 465172