



# TEST FORM FOR EXPORT LIMITING SCHEME FORM NC7-02-R2

ESB Networks DAC requires the information requested on this application 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>

## TEST FORM FOR EXPORT LIMITING SCHEME (ELS) FOR SUBMISSION TO ESB NETWORKS

All mandatory requirements in this form are as those required by ESB Networks Standard 'Conditions Governing the Connection and Operation of Export Limiting Schemes at LV and MV' (DOC-250221-GBT)  
**Please complete Parts 1, 2 and 3 below. Please complete and return to ESB Networks on completion of the tests to:**  
[dsominigeneration@esb.ie](mailto:dsominigeneration@esb.ie) for Mini-generation installations;  
[dsosmallscalegeneration@esb.ie](mailto:dsosmallscalegeneration@esb.ie) for Small Scale Generation installations;  
[dsogenerators@esb.ie](mailto:dsogenerators@esb.ie) for installations where no MEC is required (MEC=0 Sites).

### PART 1: CUSTOMER AND INSTALLER DETAILS

MPRN (Meter Point Registration Number):

MEC (as limited by ELS system) (kVA): \_\_\_\_\_ Installed Inverter Capacity (kVA): \_\_\_\_\_

Customer Name: (as registered to MPRN)

Address of ELS installation:

Eircode

Installer (Safe Electric No):

Installer Name:

Installer Address:

Eircode

Installer Mobile No:

Installer E-mail:

### PART 2: INFORMATION TO BE PROVIDED (PLEASE INDICATE THE APPROPRIATE ANSWER BELOW)

Descriptions:	Data:
Block/Single Line Diagram of ELS control unit and associated load and generator connections attached?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Detailed description of the fail safe functionality, indicating correct operation under individual failure conditions (loss of communications, power failure, internal fault detection etc) attached?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Maximum Export Capacity (MEC) agreed with ESB Networks (as set out in the Connection Agreement):	_____ kVA
Export Limiting Scheme setting:	_____ kVA
Maximum Import Capacity (MIC):	_____ kVA
Has the Manufacturers ELS Product Declaration been submitted with the Mini-generation application form for the above MPRN? <b>or</b> If Manufacturer's ELS Product Declaration is unavailable, confirm that Export Limiting Relay (ELR) has been installed	Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>
Confirm that ELS Communication Links are metallic or fibre (as per Section 2.3 of DOC-250221-GBT), and that the communications and controls system operate to limit the exported power to not exceed the MEC level by more than 5% within 5 seconds. <b>or</b> If ELS Communication Links are not metallic or fibre, confirm that an ELR has been installed	Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>
Confirm that the ELS is 'Fail Safe' and that failure of any module or of the communication links, or loss of power to any module, the ELS scheme shall limit the export power to not exceed the MEC by more than 5% within 5 seconds, and that this has been tested on site in line with Section 5.2.3 of DOC-250221-GBT	Yes <input type="checkbox"/> No <input type="checkbox"/>
Confirm that the ELS operates to limit the exported power to not exceed the MEC by more than 5% within 5 seconds	Yes <input type="checkbox"/> No <input type="checkbox"/>
In cases where an ELR is installed, confirm that if the exported power is greater than the MEC by 5% for more than 5 seconds, that the ELR disconnects the generation. <b>or</b> If MEC=0, confirm that any exported power will not exceed 6kVA (single phase) or 11kVA (three phase) for more than 5 seconds.	Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>

**Relay Type, Manufacturer & Model**

Relay Type:

Manufacturer:  Model:

Confirm that, following commissioning, settings have been restored to normal, that they are fixed, and that they cannot be readily altered by the customer.	Yes <input type="checkbox"/> No <input type="checkbox"/>
Confirm that a description of the scheme, including a line diagram and settings are displayed on site.	Yes <input type="checkbox"/> No <input type="checkbox"/>

 **If any answers are 'No' then the unit has failed the commissioning tests and shall not be put into service, as per Section 5.2 of ESB Networks Standard 'Conditions Governing the Connection and Operation of Export Limiting Schemes at LV and MV' (DOC-250221-GBT)**

**PART 3: TEST CONFIRMATION** To be completed by Installer

I confirm that the ELS/ELR and the installation at the MPRN (as outlined in Part 1) comply with ESB Networks Standard 'Conditions Governing the Connection and Operation of Export Limiting Schemes at LV and MV' (DOC-250221-GBT) and the associated commissioning checks required.

Installer Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Installer Company Name: \_\_\_\_\_ Position: \_\_\_\_\_

**PART 4: ESB NETWORKS WITNESS TEST** (where applicable)  
**TO BE COMPLETED BY ESB NETWORKS PERSONNEL IN CASES WHERE TESTING HAS BEEN WITNESSED**

Confirmation of ESB Networks Witness Test (if witnessed by ESB Networks):

I confirm that the tests specified in the ESB Networks Standard on ELS have been witnessed and the results recorded are as witnessed.

ESB Networks Signature: \_\_\_\_\_ Date: \_\_\_\_\_

This form shall be returned to ESB Networks on completion of the tests by email to:

[dsominigeneration@esb.ie](mailto:dsominigeneration@esb.ie) for Mini-generation installations;  
[dsosmallscalegeneration@esb.ie](mailto:dsosmallscalegeneration@esb.ie) for Small Scale Generation installations;  
[dsogenerators@esb.ie](mailto:dsogenerators@esb.ie) for installations where no MEC is required (MEC=0 Sites).

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



**ESB Networks DAC**  
Directors: Marguerite Sayers (Chairperson),  
Nicholas Tarrant, Caroline Spillane, Ian Talbot,  
Michael Nolan.  
Registered office: Three Gateway, East Wall Road,  
Dublin 3, D03 R583, Ireland.  
Registered in Ireland No. 465172