



# SMALL SCALE GENERATION APPLICATION

## (INVERTER VERSION FORM NC8)<sup>1</sup>

For connections with an installed inverter connected generation capacity between 50kVA and 200kVA for three phase connections.

<sup>1</sup> For synchronous connected generators, use NC5 application form. Please refer to our website <https://esbnetworks.ie>

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>.

### FOR OFFICIAL USE ONLY

Notification No: \_\_\_\_\_

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. Applicant Details

Full name of the applicant: (if a company or a partnership give full company or trading name)

\_\_\_\_\_

Full address of legal applicant required (in the case of a body corporate, the registered or principal office)

\_\_\_\_\_

\_\_\_\_\_ Eircode \_\_\_\_\_

Company reg. no., if applicable \_\_\_\_\_

Mobile number: \_\_\_\_\_ Landline: \_\_\_\_\_

Email: \_\_\_\_\_

Contact details as per above. Company's registered address will be used as the correspondence address.

Contact Person:

\_\_\_\_\_

### 2. Site Address (if different from above)

\_\_\_\_\_

\_\_\_\_\_ Eircode \_\_\_\_\_

### 3. Generator Application Fee

Please note that a generator application fee is required for this application. Please visit our website; [www.esbnetworks.ie](https://www.esbnetworks.ie) for the current application fee for "small scale generation". For payment options, please visit our website; [www.esbnetworks.ie/services/payments/make-a-payment](https://www.esbnetworks.ie/services/payments/make-a-payment).

#### 4. Installer<sup>2</sup> / Consultant Name and Correspondence Details


Landline:  Mobile number:

Email:

REC Safe Electric ID No:

2 Engaging the services of a registered installer is the responsibility of the applicant. ESB Networks DAC accepts no responsibility for checking details of installers. If an applicant makes a false, misleading or inaccurate declaration in respect of their installer, this will be deemed to be an “event of default” under the connection agreement

**5. Small Scale Generation (Inverter version) Data** Please attach certification (Type Test with Harmonic currents and for ELS the Manufacturer's ELS Product Declaration for ESB Networks). Please see Conditions Governing the Connection and Operation of Small Scale Generation (DOC-310522-HLU) and Conditions Governing the Connection and Operation of Export Limiting Schemes at LV and MV (DOC-250221-GBT)

Please provide 11 digit MPRN no: 

**For existing connections the MPRN must be registered to the Applicant Name advised in Section 1. If not, please contact your supplier to change.**

Are you applying for (tick as appropriate)

Exporting Small Scale Generation ☐ Non-Exporting Parallel Small Scale Generation ☐

Do you have an MIC Change in Progress? If Yes, please enter Proposed MIC under Current Contracted MIC.	Yes <input type="checkbox"/> No <input type="checkbox"/>
Current Contracted Maximum Import Capacity (MIC)	(kVA)
Current Contracted Maximum Export Capacity (MEC), if any	(kVA)
Total Maximum Export Capacity Proposed	(kVA) <sup>3</sup>
Existing Inverter Capacity (if any)	(kVA)
Total Installed Inverter Capacity (TIIC) Proposed	(kVA) <sup>3</sup>
Phase of connection	Single <input type="checkbox"/> Three <input type="checkbox"/>

Please note, an Export Limiting Scheme is required for all Non-Exporting Parallel Generation offers. All other offers are considered on the basis that an Export Limiting Scheme (ELS) is installed. If an ELS is not required, this will be detailed in your Connection Agreement. For more information on the Low Carbon Technology Register please visit our website [www.esbnetworks.ie/about-us/projects/low-carbon-technology-register](http://www.esbnetworks.ie/about-us/projects/low-carbon-technology-register).

Please include ELS Low Carbon Technology Register Reference. | | | | | | | | | |

In certain cases, our assessment may identify that it is not permissible to offer the full TIIC and/or MEC values requested without the need for additional reinforcement works. Should this arise, the cost of these works are chargeable to the customer and in certain situations achieving the full requested values may involve significant works or may not be possible. To help us process your application as efficiently as possible, please indicate your preferred option by selecting one of the following:

<b>Option 1:</b> Receive a Connection Agreement with the nearest TIIC value requested, with associated maximum MEC available, which does not require any additional reinforcement works.	Yes <input type="checkbox"/> No <input type="checkbox"/>
<b>Option 2:</b> If the requested values of TIIC or MEC in Option 1 are not available the customer requests a quote for the reinforcement works involved (Note that additional subsequent requests for modified quotations will cause delays and may incur additional charges).	Yes <input type="checkbox"/> No <input type="checkbox"/>

3 Please note the proposed kVA in section 5 may not be available without reinforcement work being required and is subject to the customers decision on bearing such costs as outlined in statements 1 & 2 in section 5

## 6. Small Scale Generation (Inverter based version) Details (Type Test with Harmonic details to be attached)

Include details of existing generators, if retaining.

	New Generation Proposed:					
	Unit 1		Unit 2		Unit 3	
Single Phase / Three Phase	1PH <input type="checkbox"/>	3PH <input type="checkbox"/>	1PH <input type="checkbox"/>	3PH <input type="checkbox"/>	1PH <input type="checkbox"/>	3PH <input type="checkbox"/>
Energy Source: (Wind (W) / PV (P) / Hydro (H) / CHP (C) / Battery (B) / Other (O))						
Manufacturer						
Manufacturer's Model / Reference No.						
Inverter Low Carbon Technology (LCT) Register Reference For more information please see <a href="https://esbnetworks.ie">https://esbnetworks.ie</a>						
Inverter Capacity (kVA) Note that Cumulative Inverter Capacity cannot exceed the lesser of MIC or 200kVA, and that the peak output must not exceed the MEC or ELS limits						
Generation (kVA) installed behind each inverter This refers to the size of the PV array connecting to each inverter						
Storage (kVA) installed behind each Inverter						
Confirm that the interface will have settings installed as per Conditions Governing the Connection and Operation of Small Scale Generation DOC-310522-HLU	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Have Harmonic Currents as per Type Test Certificate been provided as per Conditions Governing the Connection and Operation of Small Scale Generation DOC-310522-HLU	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>

## 7. Signature of applicant / Authorised signatory

Signed: \_\_\_\_\_

Full Name (BLOCK CAPITALS): \_\_\_\_\_

Position Held: \_\_\_\_\_ Date: \_\_\_\_\_

**You agree to let ESB Networks DAC connect the network to your equipment. You acknowledge that we are entitled to connect other customers to the network.**

**We may need evidence that you have the authority to sign this form. If you are a third party making this application please attach a letter of authority from the registered account holder.**

## 8. Data Protection

ESB Networks DAC may use your personal data to the extent necessary (a) to set up and manage your connection agreement (b) for compliance with its licence and other legal obligations; and/or (c) for its legitimate interests (provided those interests do not conflict with your fundamental rights and freedoms) Personal data provided by you in this application form may be disclosed to other parties in the following circumstances:

- In performing its functions, ESB Networks DAC may utilise the services of contractors or other suppliers. ESB Networks DAC may disclose your data to these parties to the extent necessary to perform their functions and provided they are only permitted to use your data as instructed by ESB Networks DAC. They are also required to keep your data safe and secure.
- ESB Networks DAC may make available the existence, location and/or technical aspects of your connection to licensed electricity supply companies and other parties involved in your electricity supply. In the case of new connections, ESB Networks DAC will make available your telephone contact number to licensed electricity supply companies in order to facilitate energisation of the connection.

- ESB Networks DAC may be required by law, or our license obligations, to provide data that ESB Networks DAC holds about you, your electricity supply or connection, to government agencies or departments, the Commission for Regulation of Utilities or other third parties.
- Contact details may also be provided to a professional third party market research company for the purposes of researching your satisfaction with the services provided by ESB Networks DAC. This information may also be used to enhance our services as the Distribution System Operator.

## 9. Did you remember to?

- ☐ Insert your MPRN number
- ☐ Block Diagram/ Single Line Diagram showing connection arrangements for Generation and Storage connected to each inverter and how these Inverters are connected to the distribution network, along with the position of any additional relays required in Conditions Governing the Connection and Operation of Small Scale Generation DOC-310522-HLU and associated references
- ☐ Attach Type Test<sup>4</sup> certificates for each Small Scale Generator  
Note: this is not required if an Inverter LCT Register Reference has been provided
- ☐ Where applicable, attach the ELS Technical Details and the Manufacturer's ELS Product Declaration for ESB Networks as set out in DOC-250221-GBT ELS is mandatory for all Non-Exporting Parallel Generators
- ☐ Attach a Letter of Authority if applying on behalf of the Applicant

Please return completed form and any additional documentation which is set out in the Small Scale Generation and ELS standards to:

**[dsosmallscalegeneration@esb.ie](mailto:dsosmallscalegeneration@esb.ie) or ESB Networks DAC, NC8 Small Scale Generation (Inverter connected), New Connections, Sarsfield Road, Wilton, Cork T12E367**

**Please note that incomplete applications will be returned.**

<sup>4</sup> The Type Test Certificate, or accompanying documentation from the manufacturer shall specify the harmonic currents in Amps up to the 40th Harmonic.

**PLEASE REMEMBER!**

**DON'T BUILD UNDER OR NEAR ELECTRICITY WIRES**

**STAY SAFE STAY CLEAR  
OF ELECTRICITY WIRES**

**ESB NETWORKS DAC**



**ESB Networks DAC**

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Directors: Marguerite Sayers (Chairperson), Nicholas Tarrant, Caroline Spillane, Ian Talbot, Michael Nolan.

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