



Notification No:

MPRN:

**APPLICATION FOR A NEW CONNECTION**

**EMBEDDED GENERATION FACILITIES**

**INTRODUCTION**

This application form outlines the information ESB Networks Ltd. requires to progress an application for connection to the Electricity Distribution System. All applications must comply with the Distribution Code, and ESB Networks Ltd. Conditions Governing Connection to the Distribution System. These can be found on our website, [www.esb.ie/esbnetworks](http://www.esb.ie/esbnetworks).

Please note that this application form only deals with LV (230/400V), 10kV, 20kV, 38kV and in some cases, 110kV connections. If a higher connection voltage is required the applicant should contact the Customer Relations Team in EirGrid, Tel: +353 1 702 6642, [info@eirgrid.com](mailto:info@eirgrid.com).

ESB Networks Ltd. reserves the right to request additional data if necessary and the applicant should provide such information promptly during and post the offer process.

It is ESB Networks Ltd. responsibility to determine distribution connection method. If the applicant has a specific request this will be considered and examined in this process. The selected method will be based on the overall least cost technically acceptable solution **unless the Applicant requests otherwise or ESB Networks Ltd. requires an alternative method for system reasons.**

This application form must be submitted in both **paper and electronic format** (eg. on CD). **Applications sent via email will not be accepted.** All electronic files should be approximately 2 MB or less.

Any accompanying drawings must be on A3 sized paper at most.

Definitions of terms used in this form can be found in the glossary of the Distribution Code.

When the application form is fully completed please send the form and all relevant documentation to:

**Generator Application**  
**ESB Networks Ltd.**  
**P.O. Box 29**  
**Garrycastle**  
**Athlone**  
**Co. Westmeath**

If any queries arise ESB Networks Ltd. can be contacted at 1850 372 757, or [DSOgenerators@esb.ie](mailto:DSOgenerators@esb.ie)

Please note that in accordance with the CER direction CER06145 some information from your completed application form will be published on the EirGrid website. The direction can be found on the CER website, <http://www.cer.ie>

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Form NC5 should be used where an applicant considers their application is eligible for processing outside of the Group Processing Approach (GPA). Form NC5A is a shortened version of this form and may be used where the applicant considers their application will be processed inside the GPA. For more detail on which is the most suitable form please refer to our web-site [www.esb.ie/esbnetworks](http://www.esb.ie/esbnetworks)

## ALL APPLICANTS

<b>Applicant Details:</b>	<p>1. Full name of the applicant: <small>[if a company or Partnership give full Corporate or Trading Name]</small></p> <hr/> <p>2. Address of the applicant: <span style="float: right;"><small>Full address of legal applicant required</small></span> <small>[in the case of a body corporate, the registered or principal office]</small></p> <hr/> <p style="text-align: right;"><small>Company registration number required</small></p> <hr/> <p>3. Telephone Number:</p> <hr/> <p>4. Fax Number:</p> <hr/> <p>5. Email Address:</p> <hr/> <p>6. Contact Person: <span style="float: right;"><small>Contact Name and Address and phone number and email required if different to the above</small></span></p> <hr/>
<b>Site Details:</b>	<p>7. Project Name: (Please note the project name will be published on <a href="http://www.eirgrid.com">www.eirgrid.com</a>)</p> <hr/> <p>8. Site Name &amp; Address:</p> <hr/> <p>9. Site Planning Permission Status:</p> <hr/> <p>10. Planning Reference No.:</p> <hr/> <p>11. Site Substation Co-ordinates of Connection Point: <span style="float: right;"><b>Easting:</b> <b>Northing:</b></span> <small>(For a project with the Maximum Generation Export Capacity greater than 0.2 MW the connection point will be at the customer's substation site. For all other projects please use the co-ordinates of the generator unit itself. The co-ordinates to be supplied are the Irish Grid Co-ordinates, e.g. E243,566 N050,334)</small></p> <hr/>
<b>General Details:</b>	<p>12. Projected Start-Up Date: <span style="float: right;"><small>(month and year)</small></span></p> <hr/> <p>13. Target Connection Date: <span style="float: right;"><small>(month and year)</small></span></p> <hr/> <p>14. Maximum Generation Export Capacity (MEC) Required (MW): <small>(if extension then only the additional capacity)</small></p> <hr/> <p>15. This project is an extension to an existing installation: <input type="checkbox"/> Yes <input type="checkbox"/> No This project is an extension to a planned generator: <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <hr/> <p>If "yes" please provide the existing project name and the Meter Point Reference Number (MPRN):</p> <hr/>
<b>Generator Application Fees:</b>  <small>Details can be found on <a href="http://www.esb.ie/esbnetworks">www.esb.ie/esbnetworks</a> in Generator Connections</small>	<p>16. Please note that a deposit of €7,000(incl VAT @21%) which is part of the application fee or the full application fee if the total application fee amount is less (both non-refundable) must accompany the application. Please visit our website <a href="http://www.esb.ie/esbnetworks">www.esb.ie/esbnetworks</a> for more information. Details can be found in Generator Connections Section. Payment should be made by cheque, postal order or bank draft only payable to "ESB Networks Ltd." Applications submitted without this fee will be returned. Noted * <input type="checkbox"/></p> <hr/>
<b>Maps and Diagrams:</b>	<p><b>Please provide both paper and electronic copy of the following :</b></p> <p>17. A 1:50,000 "Discovery Series" Ordnance Survey map, with the location of the facility clearly marked with an "X".</p> <p>18. A plan of the site (in an appropriate scale) of the proposed facility, indicating the proposed location of the connection point, generators, transformers, site buildings etc.</p> <p>19. A draft electrical single line diagram of the proposed facility detailing all significant items of plant and their values including:</p> <ul style="list-style-type: none"> <li>-Relevant Voltage Levels</li> <li>-Interlocking</li> <li>-Earthing and Synchronising Arrangements</li> <li>-Relay Types</li> <li>-CT/VT ratios</li> <li>-Generator Transformer(s)</li> <li>-Power Factor Correction</li> <li>-Location of Alternative Connections (e.g. house load)</li> <li>-Network Connecting Transformer(s) (if applicable)</li> </ul> <p><b>Please note: we will not be able to process your application without these maps/diagrams</b></p> <hr/>
<b>Site Load Data:</b>	<p>20. Maximum Import Capacity Required (kVA):</p> <hr/>

**Independence of Contiguous Wind Farms**

A Wind Farm Power Station will be deemed to be unrelated to and independent of the other Wind Farm Power Stations already present in a Contiguous Wind Farm Site ("Independent Wind Farm Power Station") if:

- the Applicant, where a body corporate, is not a related undertaking of another Wind Farm Power Station already present in the Contiguous Wind Farm Site or in respect of which an application for a Connection Agreement has been made to the DSO or the TSO;
- no person or body corporate holding 50% or more of the equity or voting rights in the Applicant is a person connected with any person or body corporate holding 50% or more of the equity or voting rights in another Wind Farm Power Station present in the Contiguous Wind Farm Site ("Connected Person").

21. The Wind Farm Power Station is/will be independent from Contiguous Wind Farms

Yes  No

**Landowner Consent Confirmation:**

1. Mobile \_\_\_\_\_ 2. Landline \_\_\_\_\_

I (Name in Block Capitals) \_\_\_\_\_

Position \_\_\_\_\_

on Behalf of (Company Name in Block Capitals as specified in Applicant Details of this application form)

confirm that all necessary landowner consents are in place for the substation at the coordinates as specified in Site Details of this application form and the generation site.

Signed \_\_\_\_\_ Date \_\_\_\_\_

and witnessed  
by Solicitor (Name in Block Capitals) \_\_\_\_\_

Date \_\_\_\_\_

Solicitors Address \_\_\_\_\_

Please note the application will be returned to the applicant if submitted without a **solicitor's stamp**.

<b>Signature of Applicants:</b>	I/We accept ESB Networks Ltd. General Conditions relating to the connection and all amendments, which ESB Networks Ltd. may make from time to time. I/We agree to grant ESB Networks Ltd. all necessary access to bring the network to the premises. I/We acknowledge that ESB Networks Ltd. shall be entitled to connect other customers to the network.
	<b>Signature of Applicant</b> _____ <b>Date:</b> _____
	If signing on behalf of a Partnership, Limited Company, or other Legal Entity, or as a duly Authorised Agent.
	Full Name (BLOCKS): _____ Capacity: _____
	[ESB Networks Ltd. may require the signatory to produce evidence of authority to bind the applicant by his/her signature].
	<b>Signature of Witness:</b> _____ <b>Date:</b> _____
<b>Address of Witness:</b>	
Note: ESB Networks Ltd. reserves the right to request additional data if necessary and the applicant agrees to provide such information promptly. The connecting party will be required at the relevant time to comply with Connection Agreement and the Distribution Code and provide information in accordance with these documents. ESB Networks Ltd. regrets it cannot accept responsibility for delays or mistakes if this application is completed incorrectly. If this application is incomplete the form will be returned to you.	