

# Connecting small scale generation

## What do you need to do?

### Complete an application

Please complete Part A of this form by providing your site, correspondence and project details.

### Technical information

Part B of this form requests the relevant technical information we need to design your connection.

### Key information

If generation has already been installed on site, it is important that details of the existing generation are included in Part B of this application.

### Need help?

Visit our FAQs section for more help and advice on how to complete the application form.

[www.nienetworks.co.uk/faqs](http://www.nienetworks.co.uk/faqs)

### Useful information

As the generation landscape in Northern Ireland is rapidly changing due to the high demand for generation capacity, you may wish to find out more about the latest status for new generation applications at [nienetworks.co.uk/latestupdates](http://nienetworks.co.uk/latestupdates)

Your generation application will not enter the generation capacity queue until you have submitted a completed application form along with the relevant fee. Please find details of which fee applies to your application in the October 2016 Statement of Charges.

Typical timescales for the pre-construction and construction works required to connect a typical small scale renewable generator can be found at [nienetworks.co.uk/generation](http://nienetworks.co.uk/generation). It should be noted that these timescales are only indicative and that it is possible we may not be able to provide a quotation for connection due to generation capacity restrictions.



## Internal Use Only

Business: \_\_\_\_\_

Partner No: \_\_\_\_\_

Notification: \_\_\_\_\_

MRU: \_\_\_\_\_

Planner GRP: \_\_\_\_\_

Reg by: \_\_\_\_\_

## Tell us about your project

### Part A

#### Site Details

Site Name (if applicable): \_\_\_\_\_ Address: \_\_\_\_\_

Postcode: \_\_\_\_\_

#### Customer correspondence details (the main point of contact for this application)

Name: \_\_\_\_\_ Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

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

Telephone: \_\_\_\_\_ Mobile: \_\_\_\_\_

#### Who will be paying for the connection work? (if different from the customer correspondence details above)

Name: \_\_\_\_\_ Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

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

Telephone: \_\_\_\_\_ Mobile: \_\_\_\_\_

#### Who will be the final connected party? (all agreements will be issued to this party)

Name: \_\_\_\_\_

#### Apart from your written quotation, how would you like to hear from us?

Email: ☐ Phone: ☐ Letter: ☐

**Irish Grid (IG) Coordinates** The grid coordinates for the new/existing supply point must be provided for a new connection. This is the point to which your connection will be designed. You can find IG references at [www.irish.gridreferencefinder.com](http://www.irish.gridreferencefinder.com). If wind technology is being installed, please provide the grid co-ordinates for the wind turbine/s.

X: \_\_\_\_\_ Y: \_\_\_\_\_



### Safety Advice

Always be aware of overhead and underground electricity equipment on or near your property. Electricity can kill. For advice or to request maps of the electricity network please visit:

[www.nienetworks.co.uk/safety](http://www.nienetworks.co.uk/safety)

### What is the status of the planning permission for your project?

Provide planning reference numbers if applicable \_\_\_\_\_

Granted: ☐ Submitted: ☐ Not submitted: ☐ Not required: ☐

**Will the generation scheme be connected to an existing supply point?** (For example: domestic PV, wind turbine in close proximity to a farm, existing generation site) If so, please provide MPRN from existing meter. \_\_\_\_\_

**Have you made a previous application for this site?** If so, please provide the job reference number for that application. This will be in the format 12/12345 Yes ☐ No ☐ Job Ref: \_\_\_\_\_

**Source Technology** (tick all that apply)

Wind ☐ Hydro ☐ PV solar ☐ AD ☐ Biogas ☐ Other please specify \_\_\_\_\_

**Maximum Import Capacity (MIC) required:** \_\_\_\_\_ MVA

**Maximum Export Capacity (MEC) required:** \_\_\_\_\_ MW

Will export requirements differ from generation installed on site, for example limited or zero export scheme Yes ☐ No ☐

Total generation to be installed on site \_\_\_\_\_ MW

Please select: Export ☐ Zero-export ☐ Overinstall ☐ Change of Technology ☐

**Are you intending to increase the load on site** Yes ☐ No ☐

If yes, please append details of the new load and required MIC to this application form.

**You may wish to provide additional details about your installation.**

This will help our engineers understand what your bespoke electrical requirements may be.

### Part A Checklist

Attached site layout map with substation / point of supply coordinates (and all wind turbine coordinates if applicable)	<input type="checkbox"/> Tick if attached
1:25000, 1:2500 and 1:500 scale site location plans	<input type="checkbox"/> Tick if attached
Application fee: see Schedule 1 of the Statement of Charges for details of the relevant connection application fee	<input type="checkbox"/> Tick if attached
If applicable, details of the new load and required MIC	<input type="checkbox"/> Tick if attached



## Application summary and checklist

Please complete before submitting  
your application

### Part B Checklist

#### SSG technical form Part 1a

Single Line Diagram\*

☐ Tick if not applicable

☐ Tick if attached

Harmonic studies\*

☐ Tick if not applicable

☐ Tick if attached

Load details (if MIC>200kVA)\*

☐ Tick if not applicable

☐ Tick if attached

\* as per SSG technical form Part 1a

SSG technical form Part 1b

☐ Tick if attached

SSG technical form Part 2a: Synchronous Generation Sets (or equivalent)

☐ Tick if not applicable

☐ Tick if attached

SSG technical form Part 2b: Series converter / inverter connected Gen Sets

☐ Tick if not applicable

☐ Tick if attached

SSG technical form Part 2c: Fixed speed induction generation sets

☐ Tick if not applicable

☐ Tick if attached

SSG technical form Part 2d: Doubly fed induction generation sets

☐ Tick if not applicable

☐ Tick if attached

SSG technical form Part 2e: Transformer Information (HV connected  
generation schemes only)

☐ Tick if not applicable

☐ Tick if attached

Note: We would invite you to submit any other documentation which you may deem relevant in addition to this form. NIE Networks may request further information regarding your proposed connection. Your job may be put on hold until all of the information required to design your connection has been provided.

Before signing, dating and submitting this application form, you should check that you have completed all relevant sections.

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

Your quote will be based on the written information provided and additional maps and drawings. All the required information should be submitted with the application form, Following initial assessment of your application, NIE Networks may request additional information to provide you with a quote.

Return by post to:

NIE Networks, Connections Customer Liaison,  
Unit 3, 21 Old Channel Road, Belfast, BT3 9DE