

# FORM NC2

## SINGLE DOMESTIC DWELLING OR FARM PREMISES

ESB Networks DAC requires the information requested on this application form to enable us to set up and 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>

### APPLICATION FOR:

- Domestic Connection**   
**Farm Connection**   
**Increased Capacity (MIC)**   
**Reduced Capacity (MIC)**

#### FOR OFFICIAL USE ONLY

Job No: \_\_\_\_\_  
 Distance: \_\_\_\_\_ R/U: \_\_\_\_\_  
 Planner Group: \_\_\_\_\_  
 MIC: \_\_\_\_\_ MCC: \_\_\_\_\_  
 Contacted On: \_\_\_\_\_

Please fill in ALL sections in BLOCK CAPITALS

### 1. APPLICANTS FULL NAME & SITE ADDRESS FOR CONNECTION / MIC CHANGE

Title: Mr  Mrs  Ms  Company / Other \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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

You will receive an SMS text to the mobile number provided above regarding your application

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

### 2. CONTACT NAME & ADDRESS FOR CORRESPONDENCE (if different from above)

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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

### 3. NEW CONNECTION

Single house  Apartment  Farm  Family Apartment\*  Pump House   
 Other  Please explain \_\_\_\_\_

*\*Note: For family use only-not for subletting*

### 4. CONNECTION CAPACITY REQUIREMENT

Please select one with reference to the capacity you require and section 8.

12 kVA Maximum (Standard)  16 kVA Maximum (Standard)

For standard connections please consult "What connection capacity should I apply for?" See Note 1.

Greater than 16 kVA is a (Non Standard Connection) Please select MIC required: 20 kVA  29 kVA  Is 3 phase required?

For non standard connections please consult your electrical contractor.

### 5. ORDNANCE SURVEY MAP AND SITE LAYOUT (for new connections or reconnections > 2 years)

Please attach each of the following:

(1) Ordnance Survey map (scale 1:2500 Rural, 1:1000 Urban) showing the location of your site, and

(2) A site plan (scale 1:100 – 1:500) showing the premises

Note: We will not be able to process your application without these maps.

Name of Local Authority:

\_\_\_\_\_

Planning Application No.:

\_\_\_\_\_

Eastings:

\_\_\_\_\_

Northings:

\_\_\_\_\_

Eastings and Northings are coordinators that refer to the Geographical location of your site from an Ordnance Survey mapping perspective. Filling in these figures is not obligatory but it will help us to locate your site.

### 6. RECONNECTION

Please provide 11 digit MPRN no: \_\_\_\_\_

Has your premises been disconnected for 2 years or more

This section is a request for a reconnection of a premises which has been disconnected for 2 years or more. **If supply has been disconnected for less than 2 years please contact a supplier with the MPRN to arrange for a reconnection order.** A list of electricity suppliers is available from cer.ie. If supply has been disconnected for 6 months or more a wiring certificate will also be required.

## 7. MIC CHANGE FOR EXISTING CONNECTIONS

Please provide 11 digit MPRN no:

Increase

Decrease

**MAXIMUM IMPORT CAPACITY (MANDATORY: Applications cannot be processed until this area is completed)**

**Maximum Import Capacity (MIC) Required**      **kVA**

Single Phase  Three Phase

This figure should be based on the load details with diversity applied. Customers seeking an Increase/Reduction should state the new MIC required. A change in MIC may result in a tariff change from your supplier.

**THIS FOLLOWING SECTION MUST BE COMPLETED TO ENSURE WE PROVIDE AN ADEQUATE SUPPLY.  
PLEASE CONSULT YOUR ELECTRICAL CONTRACTOR WHEN FILLING OUT THIS SECTION.**

## 8. TYPE OF HEATING

### Heat Pump

If you are planning to install a heat pump, you must fill in this section using the information on the heat pumps data sheet.

Note that a soft starter device is required and the system should be configured to ensure a minimum interval of 15 minutes between starts.

Note also that a 16 kVA connection is usually required for a house with a standard single phase heat pump.

Continuous Operating Current \_\_\_\_\_ Amps

Starting Current (limited by Soft Starter) \_\_\_\_\_ Amps

Minimum interval between starts \_\_\_\_\_ Minutes

### Other Heating (Total kW)

Storage Heating \_\_\_\_\_ kW Water Heater (immersion) \_\_\_\_\_ kW

Electric Under Floor Heating \_\_\_\_\_ kW Other (e.g. Oil, Wood Pellet) \_\_\_\_\_ kW  
(Electrical input only)

## 9. FARM LOAD

Appliances with a rating of more than 0.75 kW only.

Well Pump \_\_\_\_\_ kW Water Heater \_\_\_\_\_ kW Others (in kW) \_\_\_\_\_ kW

Welder \_\_\_\_\_ kW Electric Fence \_\_\_\_\_ kW

Milking Machine \_\_\_\_\_ kW Milk Cooling Equipment \_\_\_\_\_ kW

## 10. TIME OF DAY ELECTRICITY TARIFF

Do you intend to avail of a time-of day electricity tariff from your Electricity Supplier?

Yes  No

Note: Suitable loads for a time-of-day electricity tariff include storage heating or under floor heating incorporating a heat pump. If you are in doubt, please consult your electrical contractor. This option can only be changed by your supplier after connection. There may be a charge at that time.

## 11. RENEWABLE ENERGY SOURCE

Please supply any additional information that may help us process this application. If a renewable energy source is being fitted at this time, please also complete the NC6 application form, which is available from esbnetworks.ie when your connection is completed.

\_\_\_\_\_  
\_\_\_\_\_

## 12. ADDITIONAL INFORMATION

Please supply any additional information that may help us process this application.

\_\_\_\_\_  
\_\_\_\_\_

## 13. SIGNATURE & DATE

**Signature** \_\_\_\_\_ **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 this network.**

## NOTE 1. WHAT CONNECTION CAPACITY SHOULD I APPLY FOR ?

Please consult your Electrical Contractor/ Electrician when selecting this option.	12 kVA (Standard)	16 kVA (Heat pumps etc)
<b>Maximum demand</b> (Averaged over 10 minutes)	52 Amps	70 Amps
<b>Maximum switched load excluding motors*</b> e.g. Electric Shower	9 kVA	12 kVA
<b>Limits on Motors size/operation:</b>		
Motors that start > 4 times per hour Max rating	0.75 kW	1.1 kW
Starting > twice per day and ≤ 4 times per hour Max starting current**	26 Amps	40 Amps
Motors that start ≤ twice per day Max starting current**	42 amps	63 Amps
Maximum Storage heating	9 kW	13 kW

### ...OR IN SIMPLE TERMS:

12 kVA	Suitable for an average sized domestic dwelling where no heat-pump or farming related activities are to be carried out and where no more than 9 kW of night storage heating is to be installed.
16 kVA	Suitable for dwellings where the heating is to be provided by means of a heat-pump or it is intended to use the connection for farm machinery or light welding. Should also be considered where between 9 kW and 13 kW of night storage heating is to be installed.

3 Phase supply may be required for larger motors greater than 5 HP, or processes that require multiple loads operating at the same time

\* More than one switched load can be installed provided they are configured such that max demand is not exceeded

\*\* Soft starter can be used to restrict starting current

## ELECTRICITY SUPPLIER

**This application is for an electricity connection only.**

When you receive your 11 digit MPRN you should also register with an electricity supplier. You can get a list of suppliers from CRU.ie

# WHAT WILL HAPPEN NEXT?

On receipt of your application form with both the Ordnance survey map showing site location and the Site Map, we will check to see how near your proposed house is to our network. We will not be able to process your application without these maps.

## QUOTATION

If your new house is in a rural area and is within 500m of ESB Networks DAC medium voltage network we normally do not need to carry out a site visit in order to prepare a quotation and therefore we will quote you within 7 working days. Similarly if your new house is in an urban area and is within 50m of ESB Networks DAC LV distribution network, we normally do not need to carry out a site visit in order to prepare a quotation and therefore we will quote you within 7 working days. Where a site visit is involved we will issue a quote within 15 working days.

## PAYMENT

Your payment (Laser/Visa Debit card, cheque, Postal Money Order, bank draft or electronic funds transfer) and signed acceptance of the terms for connection is necessary before we can proceed with your connection. You should pay as early as possible to allow time for the job to progress through the remaining stages of the process.

## CONSTRUCTION OF YOUR CONNECTION

Once payment has been received we will then seek the necessary permissions and wayleaves from landowners. When these have been obtained we will commence construction work for your connection. If no significant network reinforcement is required we will complete your connection within 12 weeks of receiving payment. This is subject to us receiving your ETCl wiring completion certificate and confirmation that your duct and meter cabinet are ready at least two weeks before the end of this 12 week period.

## COMPLETION CERTIFICATE

In the interest of safety and good practice, your electrical installation must comply with the relevant standards approved by the Electro-Technical Council of Ireland (ETCI). All new connections to the ESB Networks DAC system will require the submission of a Completion Certificate, recognised by ETCI, in respect of the installation.

This certificate should be signed by either a contractor who is registered for this purpose by a licensed regulatory body or an Inspector of such a body. The completed certificate should be returned by the contractor/inspector to the relevant register. ESB Networks DAC will complete your connection when we have received notification that the certificate has been validated by the regulatory body.

The occupier or owner of the premises is responsible for its safety.

## DATA PROTECTION

Personal data provided by you in this application form will be disclosed to other parties in the following circumstances:

- ESB Networks DAC will use the information supplied on this form for the purposes of managing your electricity supply connection and the electricity network and performing its functions as Distribution System Operator. In performing these functions, ESB Networks DAC may utilise the services of contracted third party data processors. ESB Networks DAC may disclose your data to these third party data processors, which are only permitted to use your data as instructed by ESB Networks DAC. They are also required to keep your data safe and secure. By signing this application you consent to this use of your personal data.
- 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. By signing this application you consent to this use of your personal data.
- If you contact us requesting energisation prior to securing a supplier, you authorise ESB Networks DAC to disclose the details on this form to the Public Electricity Supplier who will then default as your supplier. By signing this application you consent to this use of your personal data.
- Please note that 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.

## NB DID YOU REMEMBER TO...

- **Sign and Date the Application Form?**
- **Include your 2 maps if new connection or reconnection > 2 years?**
- **Include your MPRN if it is a reconnection or increase/decrease in connection?**
- **Fill in your Connection Capacity requirements in Section 4?**
- **Fill in all contact details (a valid telephone number is essential)**
- **Fill in your TIME OF DAY ELECTRICITY TARIFF in section 10?**

## PLEASE RETURN FORM TO

ESB NETWORKS DAC, NEW CONNECTION APPLICATIONS, SARSFIELD ROAD, WILTON, CORK

Thank you for taking the time to fill out this application in full.

**Incomplete Applications will be returned. If applying for a new connection be sure to enclose maps as mentioned in section 5.**

## NOTE 2

### Safety Message

- If there are any overhead electricity lines on the site these may need to be diverted or put underground before any construction works commence. Requests for line alterations should be made to ESB Networks DAC at an early stage - see [www.esbnetworks.ie](http://www.esbnetworks.ie) for advice on how to initiate such requests.
- Refer to the HSA Approved “**ESB Networks Code of Practice for Avoiding Danger from Overhead Electricity Lines**” for safety guidance in relation work in the vicinity of overhead lines - available on the HSA and ESB Networks DAC websites or order free printed copies from ESB Networks DAC. Tel. 1850 372 757.
- Refer to “**HSA Code of Practice for Avoiding Danger from Buried Services**” for safety guidance in relation to underground electricity cables - available on the HSA website.
- ESB lines/cables map records are available from ESB Networks Central Site at Fax. 01-6388169 or by email to: [dig@esb.ie](mailto:dig@esb.ie).

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



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