

## Load & Connection Capacity details

The following information is required to complete your Application for a New Connection.

Your Electrical Contractor can provide you with this information.  
You can then enter or upload this information into your Application Form.

Connection Capacity			
Business details			
Nature of Business <small>e.g.: manufacturing, retail, heavy industry, etc.</small>	<input type="text"/>		
Expected Energy Usage <small>0.00 Watts per M<sup>2</sup></small>	<input type="text"/>		
Production Hours	Hours per day <input type="text"/>	Days per week <input type="text"/>	Weeks per year <input type="text"/>
Load Details			
If the connection is a reconnection of a disconnected property			
Are any changes being made to the Metering Board?	Yes <input type="checkbox"/>	No	<input type="checkbox"/>
General Summary			
Lighting	<input type="text"/> kW	Heat Pumps	<input type="text"/> kW
Unrestricted Space Heating	<input type="text"/> kW	Night Storage Heating	<input type="text"/> kW
Water Heating	<input type="text"/> kW	Air Conditioned and Forced Ventilation	<input type="text"/> kW
Refrigeration	<input type="text"/> kW	Cookers	<input type="text"/> kW
Other	<input type="text"/> kW		
Electric Vehicle Charge Point			
Are you planning to install Electric Vehicle Charging Facilities?	Yes <input type="checkbox"/>	No	<input type="checkbox"/>
Number of Chargers to be installed	<input type="text"/>	Size of largest Chargepoint	<input type="text"/> kW
Maximum Demand of EV Charging facilities	<input type="text"/> kW		



Load Details

**Motor Rating - Motive Power**

Please detail motors 10 kW or greater in the table below, from largest motors to smallest. Then list motors less than 10 kW from largest to smallest. Groups of motors started simultaneously should be considered as one motor.

Motor Rating ≥10kW	Starting Demand Amps at 400V	Type of Starter • Direct on Line • Slip Ring • Star-Delta • Soft Electronic Start	No. of starts each hour	Load Type Steady or Fluctuating Examples of a fluctuating load are Shredder, Crusher, Crane, Extruder, Mixer, Rolling Mills, Saw)	Quantity	Total kW

Motors Less than 10 kW


**Disturbing Loads**

Please provide details of any welding equipment, DC loads, thyristor-controlled loads, or any load likely to cause voltage disturbances.

Description	kVA	Quantity	Total



### Time of Use Electricity Tariff

Will you be opting for **Time of Use** metering from your electricity supplier?

Yes

No

**NOTE:** This information can later be changed with your supplier, but a fee may be involved.

### Generation

Do you intend to have your own Standby Generator?

Yes

No

Are you installing any other types of generation?

Yes

No

Are there any other types of generation already installed?

Yes

No

### Choose your Connection Capacity (Mandatory)

Please select the Connection Capacity suitable for the Load Details you have provided.

Maximum Import Capacity Required

kVA

Single Phase

Three Phase

This figure should be based on the load details with diversity applied. A change in MIC may result in a tariff change from your supplier. ESB Networks DAC assigns a DUoS charge which is dependent on the MIC requested.

Maximum Export Capacity (MEC)

kVA

This is required if you intend to export electricity and or install embedded generation capacity. Please refer to [esbnetworks.ie](http://esbnetworks.ie) for further information on generator connections.