

For an increase in load at an existing premise(s)

It's our job to get you connected as safely and as quickly as possible in five easy steps:



1. Applying for your additional load



2. Your pre-quote site visit (if needed)



3. Getting your quotation



4. Preparing your site for work



5. Work begins on site

Increasing your Electrical Load



If you need to make changes to your connection because you have changed your electrical requirements we may need to alter your existing connection and provide you with a quotation

There are six key pieces of information that we need from you. Without them we won't be able to progress your application. Please ensure you have everything to hand before you begin:

- ✓ Your name and correspondence address
- ✓ Site address (address where you want your connection)
- ✓ Site location plan clearly showing your site boundary and preferred meter position(s)
- ✓ Date when the connection is required
- ✓ Maximum electrical capacity at each property in kVA (KiloVolt Ampere)
- ✓ Details of any other electrical equipment (if applicable)

Need some help? You may want to seek advice from an electrical contractor before you apply. Our experienced Connections team can also help you with your application:



0800 011 3433

Opening hours:

Monday – Friday
Saturday

8:00am - 8:00pm
9:00am - 5:00pm

Alternatively, you can visit our website and apply online at www.northernpowergrid.com/get-connected

Section 1 – Your Details

Are you the current owner/occupier of the site address?*	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Are you applying as an agent on behalf of the current owner/occupier of the site address?*	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Are you the future owner/occupier of the site address?*	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Are you applying as an agent on behalf of the future owner/occupier of the site address?*	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>

i *If you are acting as an agent applying on behalf of the owner/occupier (or future owner/occupier) of the site address we may request a copy of the letter of authority and a copy of the land registry confirming you have the right to represent the customer if required. If you have a copy of this letter and/or a copy of the land registry documentation available, please include it with this application.*

If you have answered **No** to all of the above questions, a member of our Connections team will contact you following receipt of your application to discuss further

a. Owner/Occupier Details

This is the name and address of the owner/occupier of the site – fields marked with a * are mandatory

Title	First Name*	House/Flat No*	Building Name
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Last Name*	Street*		
<input type="text"/>	<input type="text"/>		
Company (if applicable)	Town*	Postcode*	
<input type="text"/>	<input type="text"/>	<input type="text"/>	
Daytime Telephone	Mobile	Email	
<input type="text"/>	<input type="text"/>	<input type="text"/>	

b. Site Address

Where you want your new connection – please leave blank if the site address is the same as the address in Section 1a

House/Flat No*	Building Name	Street*
<input type="text"/>	<input type="text"/>	<input type="text"/>
Town*	Postcode*	
<input type="text"/>	<input type="text"/>	
Daytime Telephone	Mobile	Email
<input type="text"/>	<input type="text"/>	<input type="text"/>

Section 1 – Your Details (continued)

c. Representative Details

If you are acting as an agent on behalf of the owner/occupier, please complete the details below

Title	First Name	House/Flat No.	Building Name
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Last Name	Street		
<input type="text"/>	<input type="text"/>		
Company (if applicable)	Town	Postcode	
<input type="text"/>	<input type="text"/>	<input type="text"/>	
Daytime Telephone	Mobile	Email	
<input type="text"/>	<input type="text"/>	<input type="text"/>	

Section 2 – Your Connection

i *The type of work you require may be subject to Connection Offer Expenses. Our website provides further information along with indicative charges www.northernpowergrid.com/connection-offer-expenses.*

Who should be invoiced for the Connection Offer Expenses?

<input type="checkbox"/> Owner/occupier (details provided in section 1)	<input type="checkbox"/> Representative (details provided in section 1)
<input type="checkbox"/> Other (please give details)	<input type="text"/>

Who should your Single Point of Contact correspond with?

<input type="checkbox"/> Owner/occupier (details provided in section 1)	<input type="checkbox"/> Representative (details provided in section 1)
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Please select the option which is right for you:

<input type="checkbox"/> Firm Quotation This is a quotation that once accepted will set out detailed terms and conditions and will be binding on both parties. The quote will be valid for 90 days.	<input type="checkbox"/> Budget Estimate This will provide indicative costs and will not require a technical assessment or site visit. This is non-binding and cannot be accepted.
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i *If you're at the early stages of a project and do not have a connection date in mind, or are not the owner/occupier of the site address, you should apply for a Budget Estimate.*

When would you like us to provide your connection?* (MM/YY)

This is the date you would ideally like your connection to be made. If you're unsure, we can accept an estimated date. We'll agree a definite date with you after you've accepted the quotation.

Section 2 – Your Connection (continued)

What type of property would you like additional load for?

House
 Flat/Apartment
 Commercial/Business

MPAN Number:

i An MPAN (Meter Point Administration Number) is a unique number to the property's electricity meter and should begin with either 23 or 15. It is found on your electricity bill issued by a supplier. If you don't have a bill you can call your supplier and ask for your MPAN to be sent to you

What is the existing load of your current supply? (kVA)

What do you need the total increased load to be? (kVA)

i This is your existing load plus the new load you need. If you are only installing generation and don't require an increase then the above two fields should match

Let us know why you need additional load

Section 3 – Power Requirements

Are you installing any type of electric heating?*

Yes Please detail below
 No Proceed to Section 4

Electric Shower (kVA)

Water Heater (kVA)

Storage Heater (kVA)

Other (kVA)

Space Heating (kVA)

i Please provide the total load for each premise for any electrical heating you plan on installing

Section 4 – Disturbing Loads

Will your connection need to accommodate motors, welders or other disturbing equipment?*

Yes Please detail below

No Proceed to Section 4

i *If you are connecting any electrical equipment which may cause a disturbance on the electricity network please provide the details. The manufacturer or equipment installer should be able to help you with this*

Ground Source Heat Pumps

How many ground source heat pumps do you plan to install?

• Pump 1		Starting Current (AMPS)	Rating	Make and model
Single Phase	<input type="checkbox"/>	Three Phase	<input type="checkbox"/>	<input type="text"/>
		<input type="text"/>	<input type="text"/>	<input type="text"/>
• Pump 2		Starting Current (AMPS)	Rating	Make and model
Single Phase	<input type="checkbox"/>	Three Phase	<input type="checkbox"/>	<input type="text"/>
		<input type="text"/>	<input type="text"/>	<input type="text"/>

Does the ground source heat pump comply with BS-EN 61000/3/2 and BS-EN61000/3/3?

Yes **No**

Air Source Heat Pumps

How many air source heat pumps do you plan to install?

• Pump 1		Starting Current (AMPS)	Rating	Make and model
Single Phase	<input type="checkbox"/>	Three Phase	<input type="checkbox"/>	<input type="text"/>
		<input type="text"/>	<input type="text"/>	<input type="text"/>
• Pump 2		Starting Current (AMPS)	Rating	Make and model
Single Phase	<input type="checkbox"/>	Three Phase	<input type="checkbox"/>	<input type="text"/>
		<input type="text"/>	<input type="text"/>	<input type="text"/>

Does the ground source heat pump comply with BS-EN 61000/3/2 and BS-EN61000/3/3?

Yes **No**

i *Please include details of any additional heat pumps in our Additional Information (Section 9)*

Section 4 – Disturbing Loads (continued)

Motors

How many motors do you plan to install?

• **Motor 1**

Single Phase Three Phase Split Phase Starting Current (AMPS) Rating Number of starts per hour

Direct Online Star Delta Soft Start

Does this motor start more than once an hour? **Yes** **No**

• **Motor 2**

Single Phase Three Phase Split Phase Starting Current (AMPS) Rating Number of starts per hour

Direct Online Star Delta Soft Start

Does this motor start more than once an hour? **Yes** **No**

Welders

How many welders do you plan to install?

• **Welder 1**

Single Phase Three Phase Input Voltage Rating Number of welds per minute

• **Welder 2**

Single Phase Three Phase Input Voltage Rating Number of welds per minute

Electric Vehicle (EV) Charging Points

How many EV charging points do you plan to install?

Single Phase Three Phase Rating

Need to tell us more about your electrical equipment? Please detail in our Additional Information (Section 9)

Section 5 – Existing Generation

i *If you have wind turbines, solar panels (also known as PV panels) or combined heat and power plants (CHP) installed on your premises than you have existing generation*

Does this site already have generation connected?

Yes Please detail below **No** Proceed to Section 5

For this generation please supply the following details:

Max Export (KW)	Rated Current (amps)	Rated Voltage (volts)	Type of Generation
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Existing Import MPAN	Existing Export MPAN		
<input type="text"/>	<input type="text"/>		

Section 6 – New Generation

Do you plan to install any new generation? *

Yes Please detail below **No** Proceed to Section 8

Is this generation for standby purposes?

Yes Proceed to Section 8 **No**

Will your generation run for more than five minutes per month?

Yes **No** Proceed to Section 8

Would you like to apply in Kilowatts (kW) or Megawatts (MW)? kW MW

How many generator sets are you installing? **Are all generator sets the same size?**

 Yes **No**

i *If your generation sets are not all the same size, please provide details of each generation set at each premises in our Additional Information (Section 9).*

What type of generation are you installing? e.g. solar panels, wind, battery

 Generation set

Section 6 – New Generation (continued)

What type of generation set will this be?

	Number of Generating Units	Type of Prime Movers	Energy Source Availability	Technology Production Site
Synchronous Power Generating Module	<input type="text"/>	<input type="text"/>	<input type="radio"/> Intermittent <input type="radio"/> Non-intermittent	<input type="text"/>
Fixed Speed Induction Generating Unit	<input type="text"/>	<input type="text"/>	<input type="radio"/> Intermittent <input type="radio"/> Non-intermittent	<input type="text"/>
Double Fed Induction Generating Unit	<input type="text"/>	<input type="text"/>	<input type="radio"/> Intermittent <input type="radio"/> Non-intermittent	<input type="text"/>
Series Inverter Connected Generating Unit	<input type="text"/>	<input type="text"/>	<input type="radio"/> Intermittent <input type="radio"/> Non-intermittent	<input type="text"/>
Electricity Storage Generating Unit	<input type="text"/>	<input type="text"/>	<input type="radio"/> Intermittent <input type="radio"/> Non-intermittent	<input type="text"/>
Other (Please Specify)	<input type="text"/>	<input type="text"/>	<input type="radio"/> Intermittent <input type="radio"/> Non-intermittent	<input type="text"/>

i For more information please see the [generation connection guide](#) on our website

Please complete one of the following:

What is the sub-transient (X"d) - unsaturated / saturated? (Per unit)

What is the maximum fault level contribution? (MVA)

Generation set Active Power capability:

Rated terminal voltage (generator) (volts)

Rated terminal current (generator) (amps)

Generation set registered capacity (net) (MW/kW)

What will be the maximum active power export (MW/kW)

Section 6 – New Generation (continued)

What security is required for your connection?

- | | |
|---|---|
| <input type="checkbox"/> Single circuit connection | <input type="checkbox"/> Manually switched alternative connection |
| <input type="checkbox"/> Automatically switched alternative connection | <input type="checkbox"/> Firm connection (secure for first circuit outage) |
| <input type="checkbox"/> A flexible or Active Network Management connection (discussion with DNO required) | |

What will be the maximum active power import? (kW)

What will be the maximum reactive power import? (kW)

! *Please include a single line diagram of your proposed generation installation with this application*

Are you installing an interface transformer?

Yes Please detail below **No**

Rated (apparent) power (MVA)	<input type="text"/>	Maximum ratio tap (%)	<input type="text"/>
Rated voltage ratio (on principal tap) (kV/kVA)	<input type="text"/>	Minimum ratio tap (%)	<input type="text"/>
Positive sequence resistance (per unit)	<input type="text"/>	Method of voltage control	<input type="text"/>
Positive sequence reactants at principal tap (per unit)	<input type="text"/>		

Do you require an export Meter Point Administration Number (MPAN)?

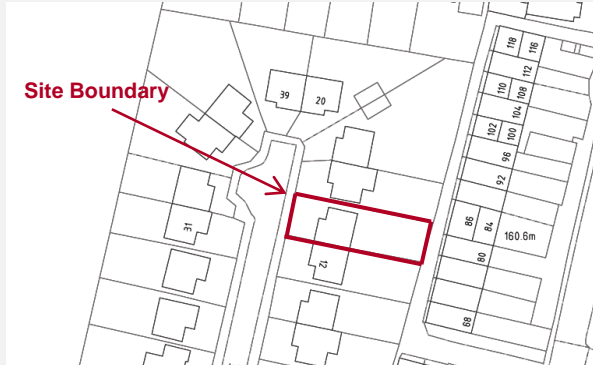
Yes **No**

i *If your generation supply will distribute power back to our network, you will need an export MPAN*

Section 7 – Site Plans

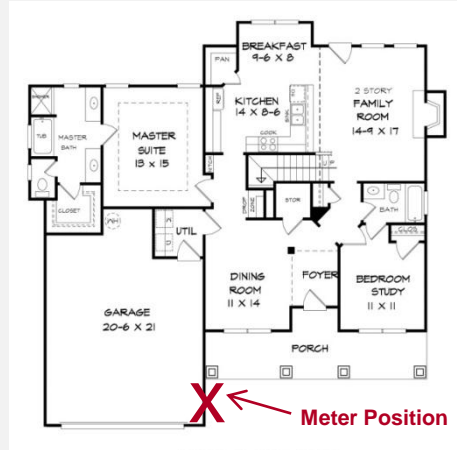
Site Location Plan*

In order to provide a quotation we require a site location plan indicating your **site boundary** and the **position of your property** within this boundary. This should be on an ordnance survey or land registry background.



Builders Plan

We also require a builders plan indicating your preferred **meter position** marked with an **X**.



i Plans can be found at www.ordnancesurvey.co.uk or give us a call and we can provide you with a site location plan

Section 8 – Site Information

Is the site classified as a site of specific interest e.g. historical site, conservation area, listed building?

Yes No

Are there any existing water courses, culverts or drainage ditches on or adjacent to the site?

Yes No

Does the site contain hazardous substances e.g. Asbestos, Hydrocarbons?

Yes No If Yes for any of the above please detail in Additional Information

Do you require us to do any on-site digging or excavation?

Yes No

What is the likelihood of flooding from rivers and the sea on your development?

Low Medium High

i You can check your level of flood risk at www.flood-warning-information.service.gov.uk

Section 9 – Additional Information

Please provide any additional information you feel may be relevant to your application

Use additional sheets of paper if necessary

Application Checklist

! Have you included the six key pieces of information that we need to progress your application?

Please use this checklist to ensure you have enclosed all the required information:

- Your name and correspondence address
- Site address (address where you want your connection)
- Site location plan clearly showing your site boundary and preferred meter position(s)
- Date when the connection is required
- Maximum electrical capacity at each property in kVA (KiloVolt Ampere)
- Details of any other electrical equipment (if applicable)

Signature

Signature of Applicant

Print Name

Date

What's Next?

Each application is individually assessed to ensure you receive the best service.

Please send your completed application form and supporting documentation to:

**Northern Powergrid
Network Connections
Alix House
Falcon Court
Stockton-on-Tees
TS18 3TU**

Alternatively, you can email your application to us at
getconnected@northernpowergrid.com

Did You Know?

We're not the only company that can provide a quotation for your new connection. You can compare our prices and service levels with other companies that provide connections services, called Independent Connections Providers (ICPs), then choose what's best for you. For more information visit

www.northernpowergrid.com/alternative-providers

Data Protection

We take data protection seriously and, when we obtain your personal information for the purpose of providing our connection service to you, we will keep that information secure and process it in accordance with our privacy policy, which is available for you to read at www.northernpowergrid.com/privacy-policy.

If we speak to you on the telephone about your connection, those telephone calls may be recorded for quality assurance purposes and we may collect personal information about you during those calls.

We will use the personal information you give us in order to process your connection request (including to process your payment), enter into a contract with you to provide the new or altered connection, deliver the work required and to monitor the standard of the service we provide to you when we undertake the Works. We will not use any of your personal information for marketing purposes.

However, to ensure that we provide our customers with a high standard of service, we use an independent research company, Explain Market Research Limited, to carry out customer satisfaction surveys on our behalf. Consequently, if the service we provide to you falls within one of the categories in respect of which we are required by our electricity distribution licence to carry out a customer satisfaction survey, we will share your personal information with Explain Market Research Limited who may contact you to carry out that brief survey.