



**Your contact: M S Cathie**

Direct dial: 01132 274332

[malcolm.cathie@northernpowergrid.com](mailto:malcolm.cathie@northernpowergrid.com)

**Your Ref:**

**Enquiry number: ENQ5356665, QUO5337342**

**[www.northernpowergrid.com/get-connected](http://www.northernpowergrid.com/get-connected)**

Date: 25 January 2017

**Mr G Titmarsh**

Titmarsh And Bagley

Prospect House

32 Sovereign Street

Leeds

LS1 4BJ

Dear Mr Titmarsh

**BUDGET ESTIMATE FOR THE PROVISION OF AN ELECTRICITY CONNECTION AT Housing Development - SH1, Dishforth Road, Sharow, Ripon BY Northern Powergrid (Northeast) Limited**

Thank you for asking us to provide you with this Budget Estimate for an electricity connection at Housing Development - SH1, Dishforth Road, Sharow, consisting of approximately 50 non-electrically heated dwellings (the "Connection").

This Budget Estimate is:

1. Calculated by making assumptions about the work we will need to do to provide the Connection, based on similar work we have carried out in the past. Those assumptions are set out in the Appendix to this letter;
2. Based on the information you have given to us;
3. Not based on a site visit or on any analysis or technical studies of our electricity distribution network; and
4. Provided for guidance purposes only in order to help you understand the likely cost of the Connection.

Consequently, this letter does not constitute an offer to provide the Connection and the information contained in it should only be used as an indication of the potential cost of the Connection.

**The Budget Estimate for the Connection**

We estimate that the cost of providing the Connection will be in the region of:

<b>Price of works</b>	<b>£124,250.00</b>
<b>VAT at 0%</b>	<b>£0.00</b>
<b>Total cost</b>	<b>£124,250.00</b>

**NORTHERN POWERGRID**

is the trading name of Northern Powergrid (Northeast) Limited (Registered No: 2906593) and Northern Powergrid (Yorkshire) plc (Registered No: 4112320)

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[www.northernpowergrid.com](http://www.northernpowergrid.com)

I hope that this Budget Estimate meets with your requirements but, if you have any questions about the Budget Estimate or the work involved, please contact me by telephone or e-mail using the details at the top of this letter.

Yours sincerely

A handwritten signature in black ink, appearing to read 'M S Cathie', with a long horizontal line extending to the right.

**M S Cathie**  
Design Engineer

**If you would like a formal Quotation...**

If, having considered this Budget Estimate, you would like us to provide you with a formal quotation for the provision of the Connection, please complete this form and return it by freepost to the below address, there is no need to affix a stamp or by e-mail to [getconnected@northernpowergrid.com](mailto:getconnected@northernpowergrid.com).

RTSJ-LHKB-LTST  
 Northern Powergrid - Network Connections  
 Alix House  
 Falcon Court  
 Preston Farm Industrial Estate  
 Stockton on Tees  
 TS18 3TU

**Please confirm the details below are correct, or provide us with any amendments you require.**

<b>Your current details: ENQ5356665</b>	<b>Amendments required: (if any)</b>
Site Address:	Site Address:
<b>Dishforth Road, Sharow,</b>	
<b>Ripon, HG4 5BS</b>	
Date connection required:	Date connection required:
Total load required in kVA: 100kVA	Total load required in kVA:
Type of heating: Other than electricity - TBC	Type of heating:

**If you have not already, please provide the following details. We require these to provide you with a formal quotation:**

- A site plan at an appropriate scale, which indicates the site boundary, the layout of any buildings and roads and, where the customer expects a substation(s) to be required, the proposed location of the substation(s). The plan should be free of unnecessary detail and be suitable for us to use in order to produce the necessary network drawing;
- A letter of authority confirming that you are acting as an agent of the person requiring the Connection, if you are not that person;
- The maximum capacity (kVA) at each metering point to be connected (for domestic premises we may require a description of the premises and whether electric space and water heating is to be installed); and
- Technical details of any electricity generator that is required to operate in parallel with our network and of any customer-owned equipment that is likely to cause disturbance to the network (i.e. large motors, welders etc.).

<b>Motor Details</b>	<b>Rating kW/HP</b>	<b>Voltage</b>	<b>Starting Current (Amps)</b>	<b>Means of starting</b>	<b>Will it start more than once every 2 hours</b>
1				Star Delta/ DOL/ Soft Start	
2				Star Delta/ DOL/ Soft Start	

<b>Welder Details</b>	<b>Input rating of largest welder</b>	<b>Total number of welders</b>	<b>Total input welding load</b>

**Name:**

**Signed:**

Once we have processed your request we will send you a quotation setting out the cost with terms and conditions of contract for the provision of the Connection. Please note, however, that you may find that, once we have fully designed the Connection, the cost may differ from that provided in this Budget Estimate.

### **Timescales**

If you accept the quotation we provide to you, provision of the Connection will be subject to completion of all necessary consents, associated works and conditions precedent. We currently estimate that provision of the Connection may take approximately 6 months to complete.

### **Competition in Connections**

We actively promote competition in connections, are committed to maintaining an environment in which independent connections providers (“ICPs”) can compete freely and fairly to undertake contestable works and are working collaboratively with ICPs to extend contestability further. You can find out more about accredited ICPs by visiting the Lloyd’s Register National Electricity Registration Scheme website.

### **Northern Powergrid Records**

If you need copies of our network records, you can obtain them by contacting us as follows:

Northern Powergrid  
Records Information Centre  
New York Road  
Shiremoor  
Newcastle upon Tyne  
NE27 0LP

Tel: 0191 229 4294 or 0191 229 4296

E-mail: [safediggingplans@northernpowergrid.com](mailto:safediggingplans@northernpowergrid.com)

### **Providing the Connection**

To provide the Connection, my initial investigations have shown that we will need to:

- Extend the existing High Voltage underground Distribution System to a position on the site and establish a ground mounted substation. From this substation we will install underground low voltage distribution cables throughout the site and lay underground service cables to a mutually acceptable service positions.

When calculating the Budget Estimate, I have assumed that:

- We will not need to reinforce the local electricity network or carry out associated Works that may be required to provide you with the load you have requested.
- Sufficient spare capacity exists within the local network.
- Any substation will be sited next to the public highway with 24 hour, 365 days a year unrestricted vehicular access.
- You will carry out all civil works on your site, including the construction of suitable substation accommodation built to our specification.
- You grant us a lease, at no cost, for the substation accommodation.
- We can obtain wayleaves and any other statutory consent for the cable route. If we need to obtain any wayleaves or consents from any third parties, there will be no charge or conditions imposed upon us.
- You will carry out all excavations on site.
- We can provide the Connection along the most direct and economical route and there are no abnormal ground conditions along that route.
- The Work will be carried out during normal working hours of 9am to 5pm between Monday and Friday.
- There are no disturbing loads, e.g. motors, welders.
- Your proposals will not affect any street furniture, e.g. street columns, bollards, traffic lights.
- Your proposals will not affect any existing assets, i.e. site entrance diversions, diversions across the site, substation re-locations.
- Any generation that you install complies with the associated Engineering Recommendations.
- Any equipment that you install which produces harmonics complies with the associated Engineering Recommendation.
- Any equipment you install that is classed as 'disturbing' complies with the associated Engineering Recommendation.