

# Network Connections

Moving Your Supply Position  
Estimated Cost Calculator



SP Energy Networks is responsible for electricity connections in Central and Southern Scotland, Merseyside, Cheshire and North Wales.

## Moving Your Supply Position

To provide our customers with as much information as possible we have developed an estimated cost calculator for the moving of underground and overhead supply positions. This will be available to use online and gives customers the ability to design and cost their works.

Before using the calculator there are a number of items to consider.

1. Is your current supply being supplied from an Underground Service or an Overhead Service?
2. Where will you position the New Supply?
3. If you want to carry out some or all of the excavation and reinstatement work.

The following document will help with these options and help with using the estimated cost calculator and should be used in conjunction with our online guidance to application form C.

# Type of Existing Supply

## Supplied from an Underground Service

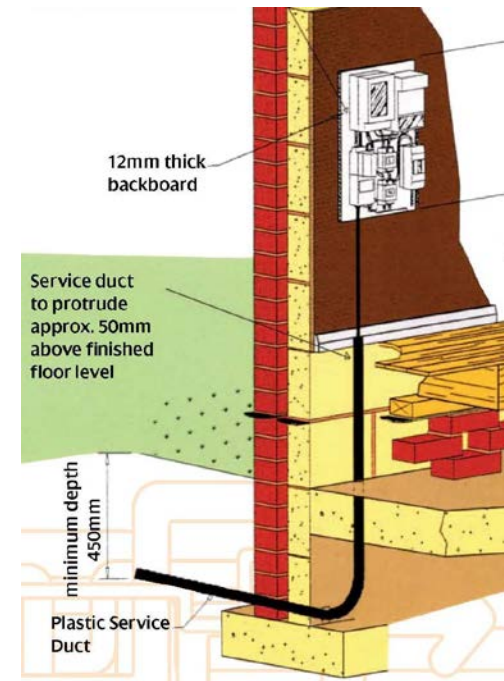
If your electricity supply is an underground cable, it will normally run from your property through your garden to the footway/roadway next to your property.

To move the position of an underground supply cable we normally cut the existing cable in the ground within your property and connect a new cable from this to the new supply position.

To minimise the costs associated with our works you may wish to carry out all or some of the excavation works. It is worth noting that if any excavations works are required on the public highway or footpath a licence is required.

The estimated cost calculator “**Underground**” can be used to provide a guide to these costs.

It is possible that the supply cable will be supplied from a supply point within an adjoining building. In this scenario please follow the guidance on Application form C and we will investigate our cable records and advise accordingly on how best to proceed. Multi Occupancy properties are currently not covered by our estimated cost calculators.



# Estimated Cost Calculator

## Underground

### Supplied from an Underground Service

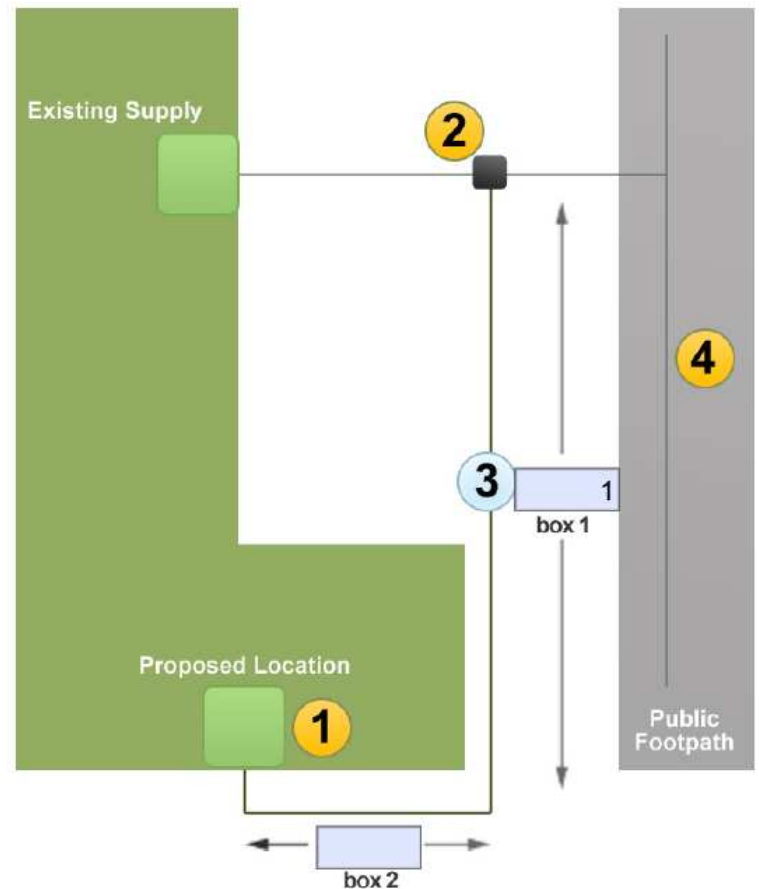
- 1 The Proposed Supply Position: - Should be located as close as possible to an external wall to allow for the service cable entering the property to be as short as possible. The length of cable entering the building should be added to Boxes 1 & 2.
- 2 The Underground Service Alteration: SP Energy Networks will cut the existing cable and connect the new cable to the Live network.
- 3 This is the estimated distance that the service cable is moving from the current supply location.

Service routes are normally marked on our existing electrical network drawings. If you require a copy, please send a location plan of the required area and/or the address and postcode together with your correspondence details to one of the following email addresses:

Scotland: [requestforplansscotland@scottishpower.com](mailto:requestforplansscotland@scottishpower.com)

England and Wales: [requestforplansmanweb@sppowersystems.com](mailto:requestforplansmanweb@sppowersystems.com)

- 4 It may be necessary to carry out excavation on the public footpath to either disconnect your existing service or provide a new service from our main network. Excavations on the Public Footpath or Highway requires a licence and if you would rather use a contractor for this activity please ensure they are aware of the required restriction. Further information can be obtained from your local authority.



[Click here to open this calculator](#)

# Type of Existing Supply

## Supplied from an Overhead Service

If you are supplied from an Overhead service you will have a wire connected to a bracket. The service cable will then run from this bracket to your supply location, this may be clipped along the wall, eaves or may enter into the property and the cable ran internally.



If you do not need the existing Overhead service or bracket to be moved then we can run a new cable from the existing wall bracket to your new supply position. The estimated cost calculator “**Overhead**” can be used to provide a guide to the costs.

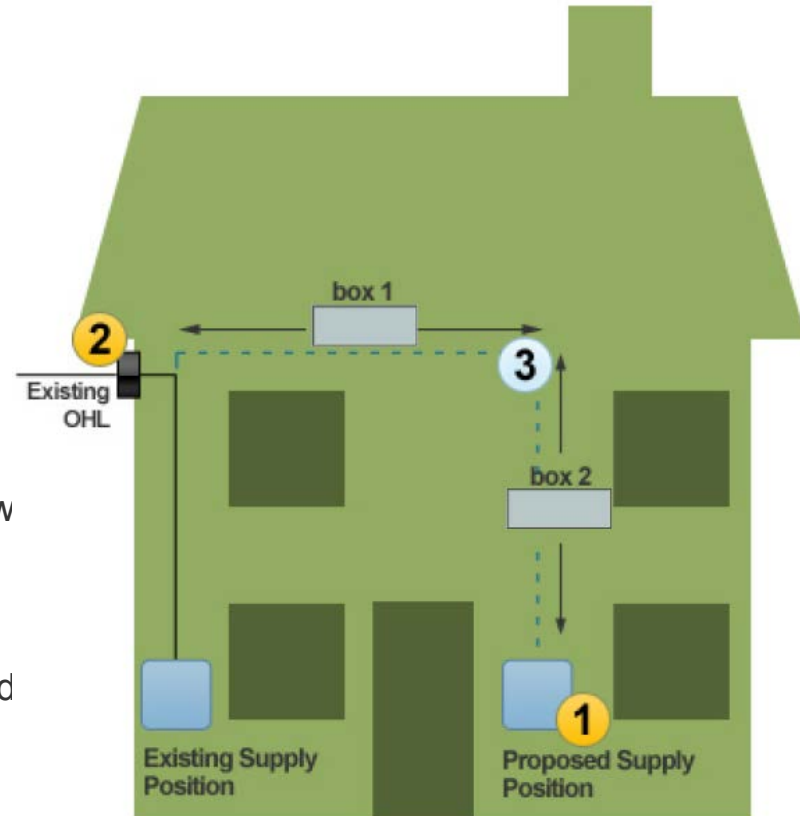
If you require the bracket and Overhead service to be moved we would recommend that the Overhead Service is replaced with and cable installed underground to the new supply location. There are two estimated cost calculators to assist with this option.

1. **Overhead to Underground (1):** This can be used if the pole supplying your Overhead service is located on the opposite side of the road or if there are various different ground surface types from the pole to your property boundary.
2. **Overhead to Underground (2):** This can be used if the pole supplying your Overhead service is located adjacent to your property boundary.

## Overhead

### Supplied from an Overhead Service

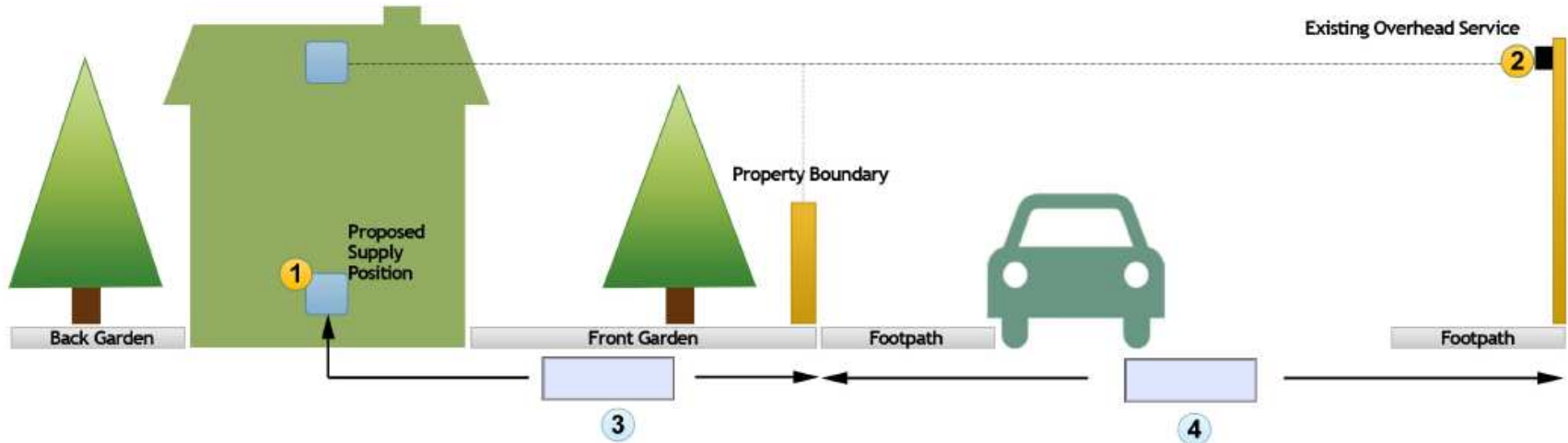
- 1 The Proposed Supply Position: Should be located as close as possible to an external wall to allow for the service cable entering the property to be as short as possible. The length of cable entering the building can be added to Box 2.
- 2 The Overhead Service cable connected to our wall bracket: SP Energy Networks will connect a new cable at the external termination position and install this cable to the new supply position.
- 3 This sum of Box 1 and 2 will be the total length from the existing Overhead Service connection to your new proposed supply position.



[Click here to open this calculator](#)

# Estimated Cost Calculator

## Overhead to Underground (1)



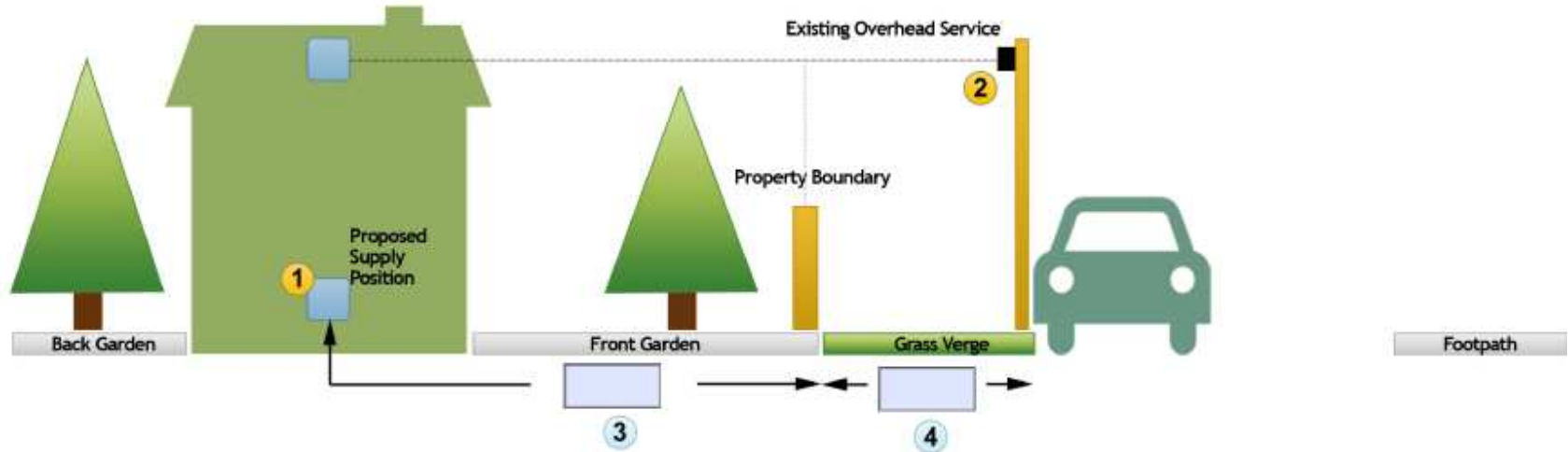
- 1 The Proposed Supply Position:** Should be located as close a possible to an external wall to allow for the service cable entering the property to be as short as possible.
- 2 The Overhead Service cable connected to pole:** SP Energy Networks will remove the existing overhead line and connect a new cable at the existing pole termination position and install this cable to the new supply position.
- 3 Excavation on your property:** Box 3 Allows you to enter the total length from the Property Boundary to the new Proposed Supply Position taking into consideration the cable entering through the property. On the calculator you have the option to convert this number into different service categories to get a comparison of the cost for SP Energy Networks to complete this work.
- 4 Excavation out with your property:** Excavations on the Public Footpath or Highway requires a licence and if you would rather use a contractor for this activity please ensure they are aware of the required restriction, further information can be obtained from your local authority. Again you can either enter the total length from the Pole to your site boundary in Box 4 to add the cost for SP Energy Networks to install the cable ONLY or if you would like us to complete the work enter the distance into each of the surface categories.

[Click here to open this calculator](#)



# Estimated Cost Calculator

## Overhead to Underground (2) Pole Adjacent to Property



- 1 The Proposed Supply Position:** Should be located as close a possible to an external wall to allow for the service cable entering the property to be as short as possible.
- 2 The Overhead Service cable connected to pole:** SP Energy Networks will connect a new cable at the existing pole termination position and install this cable to the new supply position.
- 3 Excavation on your property:** Box 3 Allows you to enter the total length from the Property Boundary to the new Proposed Supply Position taking into consideration the cable entering through the property. On the calculator you have the option to convert this number into different service categories to get a comparison of the cost for SP Energy Networks to complete this work.
- 4 Excavation out with your property:** Excavations on the Public Footpath or Highway requires a licence and if you would rather use a contractor for this activity please ensure they are aware of the required restriction, further information can be obtained from your local authority. Again you can either enter the total length from the Pole to your site boundary in Box 4 to add the cost for SP Energy Networks to install the cable ONLY or if you would like us to complete the work enter the distance into each of the surface categories.

[Click here to open this calculator](#)



# What to Do Next

We hope that you have found the information in the calculator useful.

The costs on the calculator are based on our statement of Methodology and Charges and we have utilised the rates for postal zone 3. Further information can be found on our web site or by clicking on the following link : [Statement of Methodology and Charges](#)

Prior to providing you with a formal quotation offer we will require the following information:

- Your name, correspondence address and other contact details
- The site address and postcode
- Site location plan indicating the site boundary, existing and proposed meter positions.
- Any other information that you consider to be relevant to allow an accurate quotation to be issued.

## **Please send us a copy of your completed Cost Calculator**

This will assist us to understand your requirements. Normally we will be able to provide you with a formal quotation within 5 working days from receiving the above information, although we may require further information.

If this is the case one of our design team members will contact you and agree any further action.

You can find a lot more useful information on our website which can be opened by clicking on the following link: [SP Energy Networks](#)