



GUIDE TO OBTAINING AN ELECTRICITY SUPPLY CONNECTION

The timely supply of electricity to your property requires the joint effort of Horizon Networks, your licensed electrical contractor and yourself.

The electrical wiring installed by your contractor must comply with the relevant electrical regulations and the Horizon Networks [Standard Terms and Conditions of Connection](#). You must have paid all monies owing to Horizon Networks and be able to prove compliance before electricity supply to your premises is provided.

It is important that your contractor does its part so that electricity supply to your premises can be turned on to meet your target date.

To start proceedings you must first complete a Network Connection Application and submit it to us for action.

The form can be completed by either yourself, or on your behalf, by your electrical contractor.

Independently of this application you will need to make contact with an Electricity Retailer and enter into a contract with them.

Be aware that you must submit the electrical design specification of your facility and the isolation system proposed for Horizon Networks's review and approval.

An assessment of your load and energy requirements must also be undertaken. Any future expansion or proposed load increases after the initial period should also be indicated.

Consideration must be given to the type of connection you require the level of reliability necessary for your business activity and from that Horizon Networks will determine the distribution tariff option that suits your connection.

If you are considering the installation of standby generation on your site, please let us know your requirements so that we may provide advice on any connection implications.

We will review your application and design specification, and inform you of any comments within one (1) week of receipt of the application form.

WHAT DO YOU PAY FOR?

You will be required to pay for the following components, where applicable:

- A non-refundable application fee.
- Any work undertaken by your electrical contractor on private land owned by you or others.
- Any work, and agreements, required to upgrade a distribution line or allow connection to another person's privately owned line.
- An Infrastructure Development Contribution based on your requested maximum demand. This is used by Horizon to fund the necessary core infrastructure required to meet growth in demand.
- The cost required (including Horizon Networks's legal costs) to establish an electrical easement, for the use of Horizon Networks supply equipment, if it is necessary to pass over private land not owned by you. This may occur when no other public access is available from the Horizon Networks system to your desired point of supply.
- Any Direct Capital Contribution required towards our cost to make the electrical connection available at your point of supply. Your point of supply is normally the location where land

ownership changes from private to public. This cost may be for an extension of the system or the upgrade of its capacity.

- Any costs associated with obtaining approvals from local government or organisations having some authoritative control over the undertaking of the network connection works.
- A livening fee reflecting the cost of making the connection to the network.

CONFIRMATION, PAYMENT AND APPROVAL

Following our approval of your application and design specification, you will receive a letter that specifies the cost of electrical connection to our system.

Your contractor will commence processing and construction of your connection after receiving the payment and your duly signed approval to proceed.

If an Easement is required, Horizon Networks will also require a Deed followed by Easement documentation before construction can commence.

A receipt will be issued for the payment.

IMPLEMENTATION OF SUPPLY CONNECTION

Connection work will be undertaken to suit your timeframe and that of your electrical contractor

INSPECTION / TESTING AND TURN ON OF ELECTRICITY SUPPLY

On completion of our work, your contractor must ensure that we receive all the necessary information to ascertain that the installation complies with all of the relevant regulatory requirements.

Please allow at least one (1) week lead time for approval and for us to liven the electricity supply.

Your contractor must have tested and certified that your electrical installation is fit for turn on.

WHO MAINTAINS WHAT?

Once livened, we will own and will maintain the electrical lines system up to your point of supply.

You own and must maintain all of the lines between the point of supply and your installation. If you are unsure of the location of your point of supply please contact us for advice.

WHAT IF I WANT TO INCREASE MY LOAD?

The supply of quality electricity to your property, and its correct utilisation, requires the joint effort of Horizon Networks, your licensed electrical contractor and yourself.

Your requirements will change as you install additional load due to machinery or equipment that may require a different quality of supply. Some equipment that you install may introduce characteristics such as harmonics or voltage fluctuations that may impact adversely on your supply or the supply to others.

It is very important that you engage an electrical contractor who understands the equipment that you are installing and its impact on the electrical supply system. It may be necessary to install soft start or other equipment if fluctuations are introduced that may impact on the system.

WHAT IS THE CAPACITY OF THE CONNECTION THAT I HAVE?

The capacity of the connection to the network that you have is usually defined at the time the initial connection was made. This capacity will define the size of the load that can be drawn from the network ensuring that a quality of supply is maintained.

The type of connections that we supply are defined by the size of the supply fuse and do not necessarily indicate the level of load that may be taken from the network.

The options are either single phase supply that is capable of up to 60 Ampere, or three phase supply with capacities of 60A, 100A, or higher.

Your metering arrangement and the line charge that you pay will depend on the option and classification of connection that you have. As additional equipment is added and your load increases you may find that the capacity of the system is exceeded and your supply quality reduces. Often this reduction in quality is due to insufficient capacity in your service main or installation, which you can get your electrical contractor to correct.

If however you wish to take an increase in capacity from the network then you must make application to us for an increase in supply capacity. This may require the installation of higher capacity equipment or cables in our system.

HOW DO I INCREASE MY SUPPLY CAPACITY?

You, or your electrical contractor on your behalf, must make application for an increase in capacity. An assessment will be made by us of the capacity of the system up to and including the transformer to ascertain if it is suitable for the expected increase in load.

You may be asked to contribute towards the capital cost of upgrading the system if insufficient capacity is available.

It is important that you select an electrical contractor that understands the technology and equipment that you wish to connect and how it will interact with the supply system. The selection of the correct technology may save you costs in both the initial connection and the ongoing operation of your business

CONTACT US

If you require further information please contact Horizon Networks at / on:

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