



2023

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# ELECTRICITY AND FIBRE

Kauri Penthouse Apartments

Getting your home connected

Infrastructure Solutions NZ &  
Infrastructure Fibre Solutions NZ

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## **Welcome to Your New Home!**

We'd like to take a moment to introduce how you get connected to your power and fibre and who operates the electricity and internet networks.

Take a look through this guide to find out how you can get connected.

# ABOUT YOUR ELECTRICITY AND FIBRE NETWORK PROVIDERS

## **About Infrastructure Solutions NZ and Infrastructure Fibre Solutions NZ**

The electricity and fibre networks to your property are provided by [Infrastructure Solutions New Zealand Limited and Infrastructure Fibre Solutions NZ Ltd.](#)

Property developers have a choice of electricity and fibre providers, they choose Infrastructure Solutions based on price, quality, service, and simplicity.

Infrastructure Solutions builds “open” electricity and fibre networks allowing electricity and fibre Retailers to offer their products and services to property owners and occupiers.

Infrastructure Solutions has approached all major electricity and fibre Retailers, encouraging them to offer their services on our networks. A list of Retailers offering their service is set out in this document, other Retailers have indicated they will be offering their services in the future. Our website contains a list of all available Retailers and will be updated whenever a new Retailer offers their services.

## **About Lit Networks**

Lit Networks is our fibre network partner. Lit Networks connects the fibre in your home to the internet world, manages bandwidth and connectivity, and supports Retailers offering their products and services to you.

Lit Networks can also offer you technical support over and above that provided by your fibre Retailer by phone, or by sending a technician to your home for \$150.00 per hour inclusive of GST. Please refer to the last page of this document if you require telephone support or if you wish to book a technician to help you with your set up.

# ABOUT ELECTRICITY IN YOUR HOME

When you settle on the purchase of your home, electricity supply will be on and available from our default electricity retail provider, Community Power.

To avoid electricity supply being disconnected, you will need to set up your electricity account with either Community Power or one of the other electricity retailers that are supplying their services, **within 7 days of settlement**.

## CURRENT ELECTRICITY RETAILERS

To set up your electricity account contact your preferred Retailer from the list below.

### RETAILERS

### CONTACT DETAILS

#### Community Power

A unique and innovative social enterprise company.

E: [support@communitypower.co.nz](mailto:support@communitypower.co.nz)

P: 0800 11 33 70

W: [communitypower.co.nz](http://communitypower.co.nz)

#### Genesis Energy

P: 0800 300 400

W: [genesisenergy.co.nz](http://genesisenergy.co.nz)

#### Frank Energy

E: [help@frankenergy.co.nz](mailto:help@frankenergy.co.nz)

P: 0800 086 400

W: [frankenergy.co.nz](http://frankenergy.co.nz)

#### Meridian Energy

P: 0800 496 496

W: [meridianenergy.co.nz](http://meridianenergy.co.nz)

#### Mercury Energy

P: 0800 36 98 45

W: [mercury.co.nz](http://mercury.co.nz)

# ABOUT FIBRE IN YOUR HOME

Your home has been pre-wired for fibre, making it easy and fast for you to get connected. The fibre network to your home is an “open” network meaning any fibre retailer can sign on to provide their services to you. The retailers that have signed on to date, and those coming soon, are set out below. Contact one of these providers to get your fibre account set up and connected.

## CURRENT INTERNET SERVICES PROVIDERS (ISP)

### RETAILERS

### CONTACT DETAILS

#### Community Power

E: [support@communitypower.co.nz](mailto:support@communitypower.co.nz)

P: 0800 11 33 70

#### Voyager

E: [support@voyager.nz](mailto:support@voyager.nz)

P: 0800 477 333

#### Coming Soon...

W: [voyager.nz](http://voyager.nz)

**Switch   Megatell   Nova   Contact**

**Your home has been pre-wired for fibre.** Fibre is connected to an ONT in a communications cabinet in one of your wardrobes. A Wi-Fi router has been installed and connected, ready for you to set up your account with one of the above-mentioned internet services providers. We have also provided 2 x Wi-Fi boosters to ensure excellent signal strength throughout your penthouse. You may place these throughout your penthouses as required. Instructions on how to set up your Wi-Fi and your boosters is set out below.



**ONT**

This device is required to connect to the fibre network. This ONT is owned by IFSNZ and is not serviceable by you or your ISP and must remain within the home.

The ONT has LED light indicators being Power, Alarm, PON, LAN.

Power LED: Green, means it has power

LAN: Green, means it has connected to your router

Alarm: Red, indicates there is a problem connecting to your ONT

PON: Wait to get solid Green 3 - 5 minutes

**All Penthouses** TP- Link AC1200 M4 Router + 2 boosters



We have provided you with a new Wi-Fi router (TP- Link AC1200 M4) and 2 x boosters as pictured.

# HOW TO SETUP YOUR ROUTER AND GET CONNECTED

## Step by Step Guide for Kauri Penthouse Apartments

Before you begin, you will need to have purchased an internet plan from one of the internet service providers (ISP) listed on page 4 of this guide. They will provide you with a username and password, you will then need to complete the configuration of the router as per below.

For your apartment you need two devices, 1x router and 2x boosters (provided).

The Wi-Fi router is already installed in the communications cabinet located in one of the wardrobes and is connected to the ONT. The boosters may be placed anywhere within the apartment to increase coverage. These boosters only require power to be connected.



1). Ensure power is turned on for both the router and the ONT, located inside the communications cabinet. The ONT should show a **GREEN** LED and the main router will display a **BLUE** flashing light when ready for setup.



2). You will need your internet username and password which you will receive from your ISP with you sign up.



3). You will also need to create a TP-Link account <https://myproducts.tp-link.com/us/register>.



4). To start you will need to download the TP-Link Deco app which is available from App Stores for both Android and iPhone. Look for TP-Link Deco logo.



5). Once installed you will need to connect your device Wi-Fi to the wireless network ID, the details are marked on the bottom of the router.



6). You can connect to this Wi-Fi without a password, this is only for configuration purposes.



7). Open the app, sign in with your TP-Link account and follow the instructions to locate the Deco device and connect to it.

# HOW TO SETUP YOUR ROUTER AND GET CONNECTED

## Kauri Penthouse Apartments Guide

### Continued...



8). Once connected successfully, the configuration wizard will start with Setting Connection Type.



9). Select 'PPPoE' and enter your ISP's username and password.



10) Below your password select "VLAN Settings" and enter under "internet VLAN ID" **10** and for internet VLAN priority **0**. Once added press save and continue with the next step



11). Next, the wizard will ask you to create your new Wi-Fi ID and secure it with a password.

**Note:** Remember to secure your Wi-Fi with a password of at least 8 characters and include capitals, numbers and symbols.



12). Wait a couple of minutes for the new Wi-Fi ID to become available and connect to it using the password you just set.



13). Please locate and plug in the booster device. We suggest installing this in the laundry cupboard and in a room farthest from the main router. Please wait for the device LED to change from **YELLOW** (starting up) to flashing **BLUE** (ready for configuration).



14). Now return to the application. The TP-Link application will now display **Your Deco network is now up**, confirming the successful setup of the first device. To add the other booster, select **Add Another Deco**.



15). Follow the instructions within the TP-Link App to connect the booster and select I'm done for now, once complete. The LED on the booster will now change to **WHITE** indicating successful set up. Complete this step for the 2nd booster.

Congratulations, you are now ready to connect to the internet with all your Wi-Fi capable devices. For all other functions please refer to your user manual or go to: <https://www.tp-link.com/au/support/download/deco-m4/>

Should you need assistance with your internet set up, support is available for a fee.

Phone support is available by calling 0800 400 048 and a technical person can come to your property for a fee of \$150.00 inclusive of GST. Please refer to the last page of this document for how to book a technician to come to your home. (This is the page titled "How to get setup support").

# FREQUENTLY ASKED QUESTIONS

**01. Is internet available in my new home?**

Yes, your new home has been pre-wired with internet cabling. You simply need to setup your router and an account as detailed above.

**02. How do I make changes to my services?**

Contact your internet service provider (ISP) to discuss the best options.

**03. Who do I pay for services?**

Your service provider will assist you with setting up your payments.

**04. Do I pay ISNZ or IFSNZ anything for my electricity?**

No, you do not pay anything to either ISNZ or IFSNZ. You only pay your electricity and fibre providers.

**05. What happens if I have someone who is medically dependent on electricity?**

You must notify your electricity provider.

**06. Who do I contact if I have no electricity or Wi-Fi?**

Contact your service provider who will assist you.

**07. Why so few electricity and fibre companies to choose from?**

The electricity and fibre networks for your home are “open networks” any electricity and fibre retailer can provide services on the network.

**08. How do I get my preferred electricity and fibre companies to join this network?**

If your preferred retailer is not offering their services on our networks we suggest you ask them when they will be. They can email us on [support@isnzl.co.nz](mailto:support@isnzl.co.nz) to arrange to sign an agreement.

**09. Why not Vector?**

Within the Vector network there are many “embedded networks”, ISNZ is just one embedded network operator throughout Auckland. Your property is on an ISNZ electricity network and any electricity retailer can provide services on our network.

**10. Why not Chorus?**

Chorus is one of many fibre operators within New Zealand. IFSNZ is another fibre operator who is supplying fibre to your home. IFSNZ is an “open network” so any internet service provider (ISP) can provide internet services on our network.





# HOW TO GET SETUP SUPPORT

Should you wish to have a technical person attend onsite please email [support@litnetworks.co.nz](mailto:support@litnetworks.co.nz) or phone 0800 400 048 with the following information:

Home Address:

Contact Name:

Mobile Number:

A technical representative will be in contact with you to arrange a suitable date and time to attend onsite to get you connected.

[infrastructuresolutions.co.nz](http://infrastructuresolutions.co.nz) / [admin@isnzl.co.nz](mailto:admin@isnzl.co.nz)