

PRICE CATEGORIES AND METERED TARIFF/PRICING

All connections to Network Tasman's network have a price code or category. The categories vary depending on factors such as metering set-up, capacity provided and in some cases the nature of electricity use. This document outlines, where applicable, what the connection price categories (or groups) are, and what the associated metered tariff or prices are used for. For full details, please contact Network Tasman.

Unmetered Supplies

These are known as Category or Group 0 (zero) supplies, and are unmetered. The three subgroups are:

Temporary Supplies (0TBS). A low capacity (single phase 20Amp) unmetered temporary builders supply only. Provided for a building sites where a suitable distribution pillar box is located on the boundary. The charge is on a cents/day basis.

Low Capacity supplies (0UNM). These are low capacity connections that are fitted with a small fuse where the consumption is very low. They are intended for connections such as phone boxes, roadside communication cabinets, electric fences etc.

Streetlights (0STL). This price/tariff is used for general streetlighting and is also used for unmetered streetlights that are associated with a standard metered connection. The charge is based on the wattage (W) used by the streetlight(s) installed, and is charged on a c/W/day basis.

Metered Supplies up to 150 kA

These apply to all metered connections where the supply capacity is between 15 and 150 kVA. A standard household has a capacity of 15kVA. Typically the meters are read on monthly or bimonthly cycle, but in some cases a time-of-use meter is fitted by the electricity retailer and read remotely by telephone.

The current price categories/groups (and their codes) are 1, 2, 2HLFC, 2LLFC and HLF each with their own set of metered unit (kWh) tariffs/charges. There is no distinction between business, domestic or irrigation users.

Each consumer in the above groups is charged:

1. A fixed charge depending on the capacity of the connection the consumer has to the network, ie load group 1, 2, 2HLFC, 2LLFC and HLF. Each price category and its corresponding unit charges are the same irrespective of the connections location on the network, eg whether it be in Golden Bay, Stoke or Murchison etc;
2. Unit (kWh) charges depending on the meter-tariffs provided. Several meter pricing options (tariffs) are available depending on the consumer's specific requirements and the nature of the electricity usage profile.

Fixed Charges

Group 1	This is the standard household size connection, having a supply capacity of 15kVA of either 1, 2 or 3 phases. These connections are levied a Daily Charge (c/day).
Group 2	Group 2 connections have from 20 to 150kVA supply capacity, and pay a Demand Charge that is calculated daily, based on the installed kVA capacity fused at each connection (c/kVA/day).
Group 2LLFC	This category is provided to meet a regulatory requirement. It is for

	domestic low users (less than 8,000 kWh pa) of 20 or 30kVA connection capacity.
Group 2HLFC	This category too is due to regulation, and is also for domestic low users (less than 8,000 kWh pa), but in this case with 40 -150 kVA connection capacity.
Group HLF	This category is only suitable for connections where the annual kWh consumption is high relative to the connection capacity. Contact NTL to enquire if your connection is suitable. A Demand Charge that is calculated daily, based on the installed kVA capacity fused at each connection.

Unit or Meter/price Charges – c/kWh

The following Unit or Meter/tariff pricing options (tariffs) are currently available to Group 1 (15kVA) and Group 2, 2LLFC, 2HLFC and HLF (20kVA to 150kVA) consumers. The actual price of the tariff depends on which price category the connection has, eg Group 2 or 2HLFC.

Uncontrolled Prices

The following uncontrolled prices provide uninterrupted supply for standard lighting, heating and general supply requirements. A connection would have either the Anytime price OR the Day/Night combination.

Anytime	Provides uninterrupted availability to all domestic, commercial and irrigation users. Where a consumer has a spa pool or pottery kiln, Anytime or the Day/Night are the available pricing options. Network Tasman will fit an Off Peak relay (control device) to the supply if the power rating is greater than 4kW.
Day/Night	
Day (of Day/Night)	This is the Day price of the day/night pricing structure available to all consumers. This price can be used instead of (but not as well as) Anytime. It allows consumers with a high percentage of night consumption the benefit of the cheaper cost of night rates, and provides an incentive to shift usage into the night period. The Day period is from 7am to 11pm. The Night period is from 11pm to 7am.
Night (of Day/Night)	This is the night price of the day/night pricing structure available to all consumers. This price can be used instead of (but not as well as) Anytime It allows consumers with a high percentage of night consumption the benefit of the cheaper cost of night rates, and provides an incentive to shift usage into the night period. The Night period is from 11pm to 7am. The Day period is from 7am to 11pm.

Controlled Supply Prices

All of the controlled prices are "off peak" where the and have the supply separately metered from either the Anytime or Day/Night metered supply option above. They are available where the supply is controlled by Network Tasman. Typically Network Tasman uses a ripple signal to control supply for the controlled supply price/tariff, but in some cases this might be with a time clock on the meter board. The availability or "on" periods vary with each price.

The purpose of the controlled prices is to give consumers a lower price for particular types of loads in exchange for the ability of Network Tasman to control the supply to manage the peaks on the local network.

Use of these prices should not inconvenience consumers nor reduce the level of service electricity provides compared to an uncontrolled option.

These prices are for loads with the following characteristics:

- applications that are all year round;
- replace or substitute for a peak load device (eg, nightstore v's fan heater);
- the device must have sufficient storage such that controlling the load does not affect the service of the appliance;
- operate long periods each day (8 hours+); and
- cannot be substituted by another electrical appliance while the equipment is off.

Night

Intended primarily for nightstore heaters, underfloor heating and night only water heater.

They best suit the newer generation of night store heaters for space heating.

For water heating it is important that the volume of the cylinder is large enough to last the whole day, and that the element is sized to fully re-heat the cylinder if necessary in less than 7 hours. (In a domestic situation, a 270 litre cylinder with a 3kW element would be the minimum cylinder size).

Electricity available: 11pm to 7am.

Not available for spa pools, or pottery kilns greater than 4kW.

The price is the same as Night of the Day/Night option.

Economy (Controlled Water)

Economy is intended primarily for waterheating, but can be used for any process that has storage and can be controlled without compromising the service of the appliance.

Control (Off) Periods

These vary and can be up to 10 hours per day, with a target minimum "on period" of 5 hours during the daylight hours to ensure a full hot water cylinder for the evenings.

Controlling currently occurs mostly during the winter months (May to September inclusive) but may also occur at other times of the year.

Note: Dairy Farm Hot Water Cylinders

These are fitted with a different relay, which provides a higher level of service by having shorter off periods than standard hot water cylinders, although the price is still on the Economy price.

Off Peak

An off peak pricing option with shorter "off" times intended for process heating where there is storage, eg water heating, kilns.

Not available for applications such as glasshouse heating, demand heating, crusher plants or processes where other electrical loads can be substituted while the controlled load is off.

Control (Off) Periods

Set at the beginning of each winter, normally 2 hours in the morning and 2 hours in the evening.

The control period usually last from May to September inclusive.

Network Tasman will advertise in the Nelson Mail what the "off" hours are before we commence controlling supply.

Local Authority pumping stations with this price have less "off" time than above.