



# CM0001

## Pricing Policy and Schedules for 2017 to 2018

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# CM0001 Pricing Policy and Schedules 2017 to 2018

## Overview

### Document status

Draft In Service Under Review Archived 

### Document purpose

The purpose of this policy is to explain the application of Unison's delivery prices and other use of system charges effective from 1 April 2017. This policy applies in conjunction with the current Use of System Agreements between Unison and retailers.

*Section 2* provides supplementary information for the pricing schedules and should be read in association with this.

This Pricing Policy only applies to delivery prices and other use of system charges. Delivery prices include a component relating to:

- the transmission of energy across the national grid, and
- distributing electricity over network assets owned by Unison.

These charges do not cover the retail charges billed by a retailer.

### Intended audience

This document applies to all Unison retailers on the distribution network.

### Document contributors

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### Key dates

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## Overview, Continued

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### Related references

#### Legislation

- Electricity (Low Fixed Charge Tariff Option for Domestic Consumers) Regulations 2004
- Goods and Services Tax Act 1985
- Electricity Industry Act 2010
- Consumer Guarantees Act 1993
- Electricity Distribution Services Default Price-Quality Path Determination 2015
- Electricity Industry Participation Code 2010
- Electricity Distribution Information Disclosure Determination 2012 (consolidated in 2015)

#### Other

The delivery prices specified on the distributor's website [www.unison.co.nz](http://www.unison.co.nz) sets out the dollar values for the various price categories and price options described in this Pricing Policy. These are effective from 1 April 2017. Where there is a discrepancy between the published prices and those included for information purposes in this pricing policy, the prices published in Unison's schedule of electricity distribution prices rates prevail.

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### Clarification

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# 1. Definitions/Abbreviations

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<b>Anytime Maximum Demand (AMD)</b>	Anytime Maximum Demand (AMD) is the true power in kilowatts (kW). AMD is obtained by multiplying by two the true energy in kilowatt-hours (kWh) delivered over the half hour period of maximum consumption during the month to which the charges apply.
<b>Connection</b>	Refer to the ICP definition.
<b>Consumption data</b>	Data provided by the retailer to the distributor relating to measured and estimated electricity consumption on the distribution network.
<b>Controlled price option or controlled price</b>	A price option allocated to a meter where the meter supplies controlled load as defined in <i>point 2.5</i> .
<b>Customer</b>	A direct customer or a retailer (where the retailer is the direct customer) of the distributor who uses the distributor's network
<b>Delivery charges</b>	The charges levied by the distributor for the use of the distributor's network that are described as delivery charges in this Pricing Policy.
<b>Demand</b>	The rate of expending electrical energy expressed in kilowatts (kW) or kilovolt amperes (kVA).
<b>Distributor</b>	Unison as the operator and owner of the distribution networks.
<b>DG</b>	Distributed Generation
<b>Electricity Industry Participation Code</b>	The Rules made by the Electricity Authority under section 36 of the Electricity Industry Act 2010 as amended from time-to-time.
<b>Embedded generation or distributed generation</b>	Electricity generation that is connected and distributed within the distributor's network.

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## Definitions/Abbreviations, Continued

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<b>End-consumer</b>	A purchaser of electricity from the retailer where the electricity is delivered via the distributor's network.
<b>General end-consumer</b>	An end-consumer who qualifies for either the NDL or the NDH price category.
<b>Grid Exit Point (GXP)</b>	A point of connection between Transpower's transmission system and the distributor's network.
<b>GST</b>	Goods and Services Tax as defined in the Goods and Services Tax Act 1985.
<b>Half hourly meter</b>	Metering that measures electricity consumption half-hourly and complies with part 10 of the Electricity Industry Participation Code. The meter may or may not measure kVArh.
<b>High Voltage (HV)</b>	Voltage above 1,000 volts, generally 11,000 volts for supply to end-consumers.
<b>Installation Control Point (ICP)</b>	Point of connection on the distributor's network, which: <ul style="list-style-type: none"><li>• the distributor nominates as the point an end-consumer is deemed to be supplied electricity, and</li><li>• has the attributes set out in the Electricity Industry Participation Code 2010.</li></ul>
<b>Interest rate</b>	On any given day, the rate (expressed as a percentage per annum and rounded to the nearest fourth decimal place) displayed on Reuters' screen page BKBM (or its successor page): <ul style="list-style-type: none"><li>• at or about 10:45 am on that day as the bid rate for three-month bank accepted bills of exchange, or</li><li>• if no such rate is displayed or that page is not available, the average (expressed as a percentage per annum and rounded to the nearest fourth decimal place) of the bid rates for three-month bank accepted bills of exchange quoted at or around 10:45 am on that day by each of the entities listed on the Reuters' screen page when the rate was last displayed or, as the case may be, that page was last available.</li></ul>

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## Definitions/Abbreviations, Continued

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<b>kVA</b>	Kilovolt Amp
<b>kVA<sub>r</sub></b>	Kilovolt-Amps reactive
<b>kVA<sub>r</sub>h</b>	Kilovolt-Amps reactive hour
<b>kW</b>	Kilowatt
<b>kWh</b>	Kilowatt hour
<b>Load control equipment</b>	The equipment (which may include, but is not limited to, ripple receivers and relays) which is from time-to-time installed in, over or upon an end-consumer's premises for the purpose of receiving load management service signals.
<b>Load management service</b>	Providing a signal for the purpose of reducing or interrupting delivery to all or part of an end-consumer's premises. This includes as an example, but without limitation, delivery to a water heater.
<b>Low voltage (LV)</b>	Voltage up to 1,000 volts, generally 230 or 400 volts for supply to end-consumers.
<b>Network agreement</b>	The Network Agreement, Network Services Agreement, Network Connection Agreement, Electricity Delivery Agreement, Use of System Agreement, Conveyance and Use of System Agreement or Agreement for Use of Networks. To avoid doubt it also includes any other agreement between the distributor and a customer in respect of the customer's use of the distributor's network of which this Pricing Policy forms a part.
<b>Off Peak consumption</b>	Kilowatt-hour (kWh) consumed, excluding separately metered controlled load, during hours not covered by the definition of on peak consumption.
<b>On Peak consumption</b>	Kilowatt-hour (kWh) consumed between the hours of 7 am and 11 am, and 5 pm and 9 pm on all days of the year, excluding separately metered controlled load.

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## Definitions/Abbreviations, Continued

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<b>On Peak Demand (OPD)</b>	On Peak Demand (OPD) is defined as the true power in kilowatts (kW). This is obtained by multiplying by two the true energy in kilowatt-hours (kWh) delivered over the half hour period of maximum consumption between the hours of 7 am and 11 am, and 5 pm and 9 pm on a working day during the month to which the charges apply.
<b>Price category</b>	A category of charges, identified as a price category in this Pricing Policy, which define the delivery charges applicable to a particular ICP.
<b>Price option</b>	The price option within a price category where such a price category provides the customer with choice amongst one or more options. This is subject to (by way of example) a particular configuration of metering and load control equipment.
<b>Pricing policy</b>	Pricing Policy and Schedules 2017 to 2018 (this document).
<b>Region</b>	Either the Hawke's Bay region or the Rotorua/Taupo region.
<b>Residential connection</b>	A residential connection is where electricity is supplied to a premise that is used or intended for occupation by a person as a place of residence.
<b>Retailer</b>	The supplier of electricity to end-consumers with installations connected to the distributor's network.
<b>Stand-alone costs</b>	The costs associated with providing a single dedicated supply between the network user's installation and the nearest transmission connection point. Stand-alone costs include the connection assets and the provision of upstream network that would normally be shared with other consumers.
<b>Standard meter</b>	Has the same meaning as standard accumulative type meter. These types of meters measure the accumulation of energy over time, rather than recording energy usage for multiple periods within a period.
<b>Time of Use meter (TOU)</b>	Metering that measures electricity consumption half-hourly (or a sub multiple of) and complies with Part 10 of the Electricity Industry Participation Code. The meter must measure kVARh.

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## Definitions/Abbreviations, Continued

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**Transmission charge** Has the meaning defined under Recoverable Costs in Part 3 of the Electricity Distribution Services Input Methodology Determination 2012 dated 3 February 2016. It excludes transmission rebates passed on transparently to end-consumers and/or retailers.

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**Transmission rebates** The loss and constraint excesses rebated to the distributor in respect of the distributor's network by Transpower.

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**Unison** Unison Networks Limited

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**UoSA** Use of Service Agreement

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**Weekday** Monday to Friday (including New Zealand public holidays).

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**Working day** Monday to Friday (excluding New Zealand public holidays).

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## 2. Conditions Common to All Pricing Groups

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### 2.1 General conditions

Line services are provided to the customer for supply to end-consumers. This is on the basis that the provisions of the Consumer Guarantees Act 1993 be excluded in respect of any business carried out by the customer or the end-consumer.

All charges are exclusive of Goods and Services Tax (GST).

Times stated are New Zealand daylight time unless otherwise specified.

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### 2.2 Extent of charges

All charges exclude the provision of metering equipment or load control equipment located at the end-consumer's installation control point (ICP) to the distributor's network.

Loss factors are not applied to the measured or calculated energy conveyed to an end-consumer's ICP for calculating delivery charges.

Total delivery charges are the summation of components relating to both Transmission and Distribution. Pricing tables can be found in the Unison Electricity Delivery Charges: Effective 1 April 2017 document published on Unison's website [www.unison.co.nz](http://www.unison.co.nz).

#### Note

These are effective from 1 April 2017. Where there is a discrepancy between the published prices and those included for information purposes in this pricing policy, the prices published in Unison's schedule of electricity distribution prices rates prevail.

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### 2.3 Time zone and season definitions

The table below shows the time zones and seasonal definitions.

Period	All Regions
Winter	1 May to 30 September
Summer	1 October to 30 April
Day	7 am to 11 pm
Night	11 pm to 7 am
On Peak	7 am to 11 am and 5 pm to 9 pm

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## Conditions Common to All Pricing Groups, Continued

### 2.4 Applicable prices based on kVA of connection

The price categories and options an end-consumer is eligible for is determined, in part, by the kVA of the end-consumer's connection. The tables below, for residential and general end-consumers, set out the kVA of a connection. This is based on the phasing and amps per phase of the connection. From these tables eligible price categories and options can be determined.

#### Note

Where a given kVA of connection relates to multiple eligible price categories or options, the end-consumer must meet additional criteria to qualify for a given price category and option. These additional criteria are set out in the relevant price category section of this Pricing Policy. End-consumers may be allocated to the I60 price category without having capacity greater than 1039kVA, see *Section 12* for details.

Residential – Permanent and Non-Permanent Residences			
Phases	Amps per Phase	kVA for Connection	Eligible Price Categories
1	<=60	14	G11, G12, M11, M12, DNR, TLU, THU
2	<=60	28	
3	<=20	14	
3	<=30	21	
3	<=40	28	

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## Conditions Common to all Pricing Groups, Continued

### 2.4 Applicable prices based on kVA of connection (cont)

General			
Phases	Amps per Phase	kVA for Connection	Eligible Price Categories
1	<=60	14	G12, NDL, NDH, TCU
2	<=60	28	G12, NDL, NDH, TCU
3	<=20	14	G12, NDL, NDH, TCU
Commercial			
3	>20 <=100	>14 <=69	MC1
3	>100 <=200	>69 <=138	MC2
3	>200 <=400	>138 <=277	MC3
3	>400 <=630	>277 <=436	MC5
3	>630 <=800	>436 <=554	MC6
3	>800 <=1000	>554 <=693	MC7
3	>1000 <=1250	>693 <=866	MC8
3	>1250 <=1500	>866 <=1039	MC9
Industrial			
3	>1500	>1039	I60

### 2.5 Controlled load

Load which might be controlled include:

- hot water cylinders with a capacity in excess of 50 litres
- electric kilns
- swimming pool heaters
- spa pool heaters
- storage heating
- air conditioning units, and
- any appliances representing a significant proportion of the end-consumer's demand. These appliances may be controlled without increasing the end-consumer's uncontrolled demand.

The retailer must be able to demonstrate eligibility for price options applicable to controlled load. For example, by providing evidence of the end consumer's response to a load control event on at least an annual basis.

### 3. Explanation of Price Codes

**3.1 Price code format** The price codes for all price options offered by the distributor follow a set format. The following outlines an example of how price codes are derived.

**Example**

The example of the Hawke’s Bay M11 24UC price code is used, E-H-M11-24UC.

**Note**

The dashes (-) in the price code represent a digit.

Digit	What it Shows	Example
First digit	Specifies whether the charge is a fixed or variable charge. <ul style="list-style-type: none"> <li>• E denotes a variable charge.</li> <li>• F denotes a fixed charge.</li> </ul>	Price code depicts a variable charge. <b>E</b> -H-M11-24UC
Third digit	Specifies the region. <ul style="list-style-type: none"> <li>• H denotes Hawke’s Bay.</li> <li>• R denotes Rotorua/Taupo.</li> </ul>	H denotes Hawke’s Bay. E- <b>H</b> -M11-24UC
Digits 5 to 7	Specifies the price category.	Price code applies to M11. E-H- <b>M11</b> -24UC
Digits 9 to 12	Specifies the price option.	Price code applies to 24UC. E-H-M11- <b>24UC</b> .

Where the price code is for a fixed charge the code does not include digits 9 to 12 for the price option, e.g. **F-H-M11**.

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## Explanation of Price Codes, Continued

### 3.2 Regional network codes

#### 3.2.1 Codes

Codes are used in all pricing tables to describe each of the regional networks. The table below lists the codes used.

Region	Code
Hawke's Bay	H
Rotorua and Taupo	R

#### 3.2.2 Definition of Regional Networks

The regional network end-consumers are supplied from is determined by the relevant Grid Exit Point (GXP). The table below defines the GXPs within each Unison regional network.

Network	Hawke's Bay	Rotorua and Taupo
Grid Exit Point (GXP)	FHL0331	OWH0111
	RDF0331	ROT0111
	WTU0331	ROT0331
		TRK0111
		WRK0331

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## Explanation of Price Codes, Continued

**3.3 Price category code** The table below specifies the three-digit price category code for each end-consumer type.

Price Category Description	Price Category Code
Residential – Low Fixed Charge	M11
Residential – Standard	M12
Non-permanent residential	DNR
Generation – Low Fixed Charge	G11
Generation – Standard	G12
General low user	NDL
General high user	NDH
Residential – Low Fixed Charge – Time of use	TLU
Residential – Standard – Time of use	THU
General – Time of use	TCU
Commercial > 14 <= 69 kVA	MC1
Commercial > 69 <= 138 kVA	MC2
Commercial > 138 <= 277 kVA	MC3
Commercial > 277 <= 436 kVA	MC5
Commercial > 436 <= 554 kVA	MC6
Commercial > 554 <= 693 kVA	MC7
Commercial > 693 <= 866 kVA	MC8
Commercial > 866 <= 1039 kVA	MC9
Industrial > 1039 kVA	I60
Temporary Builders Supply single phase	T1P
Temporary Builders Supply 3 phase	T3P
Unmetered supply – Other than street lighting	U01
Unmetered supply – Street lighting	U02
Unmetered supply – Street lighting (data logged)	U03

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## Explanation of Price Codes, Continued

### 3.4 Price option codes

The table below specifies the price option code that applies to each price option.

Price Option Description	Price Option Code
Daily fixed charge	(no code – blank)
Uncontrolled variable charge	24UC
All inclusive variable charge	AICO
Controlled variable charge	CTRL
Day variable charge	CTUD
Night variable charge	NITE
On Peak variable charge	ONPK
Off Peak variable charge	OFPK
Projected variable charge	PROJ
Time of use variable charge	TAIC
Unmetered variable charge	UNMT
Summer on peak demand charge	SOPD
Winter on peak demand charge	WOPD
Anytime maximum demand charge	DMND
Default variable charge	DEFT
Power factor charge	KVAR
Exported distributed generation variable charge	DGEN
Dedicated 200kVA transformer fixed charge	T020
Dedicated 300kVA transformer fixed charge	T030
Dedicated 500kVA transformer fixed charge	T050
Dedicated 750kVA transformer fixed charge	T075
Dedicated 1,000kVA transformer fixed charge	T100
Dedicated 1,500kVA transformer fixed charge	T150
Customer owned asset discount	COAD



## 4. Description of End-Consumer Price Options

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### 4.1 Price options

Various combinations of price options are available for different meter configurations within each price category. The applicability of the following price options is dependent on the particular configuration of metering and load control equipment installed at the ICP.

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### 4.2 All Inclusive (AICO)

#### Price Option : All Inclusive – AICO

This price option was closed for new installations as from 1 April 2014. It remains closed for new installations.

The AICO price option can apply to existing connections where:

- equipment is installed enabling the distributor's load management system to control approved load on the ICP, and
- all electricity consumed is measured by a single meter register.

Therefore, the consumer pays the same rate for both controlled and uncontrolled consumption.

The period of control and availability is the same as for the Controlled price option (CTRL).

AICO prices can only apply to end-consumers, where:

- there is only one single register meter, **or**
- there are two single register meters where the second is an uncontrolled meter. For example, the AICO meter may be supplying a house while the uncontrolled meter is supplying a pump on the same ICP, **or**
- there are two single register meters where the second meter is a night meter, **and**
- there is only one point of connection, **and**
- the consumer equipment to be controlled includes all hot water cylinders, **and**
- the load control equipment when in operation results in the reduction to zero of all controlled load, **and**
- the load control equipment has been certified and this information is available in the electricity registry.

Subject to *point 8.3*, a single ICP may not have more than one meter on the AICO price option.

All new installations with load control installed will require a meter capable of separately recording controlled load to take advantage of the reduced price of the controlled variable charge.

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## Description of End-Consumer Price Options, Continued

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### 4.3 Controlled (CTRL)

#### Price Option : Controlled – CTRL

Eligibility for the CTRL price option within the price categories is conditional on the end-consumer having a separate meter register where:

- 100% of the connected load can be controlled by the distributor's load management system, **and**
- the load control equipment has been certified and this information is available in the electricity registry, **and**
- consumption on this register can be separately submitted to the distributor.

Load that may be controlled is specified in *point 2.5*.

Controllable load under normal supply circumstances can be fully controlled at any time for a maximum of seven (7) hours in any 24 hour period. Under abnormal supply or operating circumstances (including, but not limited to, where there is a shortage or anticipated shortage of electricity), control may be for greater than seven (7) hours per day.

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### 4.4 Night (NITE)

#### Price Option : Night – NITE

The NITE price option is applicable under two different metering scenarios.

- A supply permanently wired to a separate meter with supplied power between the hours of 11 pm and 7 am.
  - A supply permanently wired to a dual register (day/night) meter capable of measuring consumption against two registers where the NITE price option can apply between the hours of 11 pm and 7 am.
- 

### 4.5 Day (CTUD)

#### Price Option : Day – CTUD

A supply permanently wired to a dual register (day/night) meter. It is capable of measuring consumption against two registers, where the CTUD price option can apply between 7 am and 11 pm.

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### 4.6 Uncontrolled (24UC)

#### Price Option : Uncontrolled – 24UC

Continuous supply on a single meter register, applicable where there is no load that is controllable by the local distribution network on that register.

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## Description of End-Consumer Price Options, Continued

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### 4.7 TOU On Peak (ONPK)

#### Price Option : TOU On Peak – ONPK

Applies where the ICP has a Half Hourly meter. This price option applies to on peak consumption as defined in *Section 1*.

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### 4.8 TOU Off Peak (OFPK)

#### Price Option : TOU Off Peak – OFPK

Applies where the ICP has a Half Hourly meter. This price option applies to off peak consumption as defined in *Section 1*.

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### 4.9 Projected (PROJ)

#### Price Option : Projected – PROJ

Applies where data has not been submitted, or has been submitted in respect of a price option that is not in the schedules containing Unison's Electricity Distribution Delivery Prices that are in effect and published on Unison's website at [www.unison.co.nz](http://www.unison.co.nz) as outlined in *point 14.4*.

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### 4.10 Default (DEFT)

#### Price Option : Default – DEFT

An end-consumer allocated to the MC3, MC5, MC6, MC7, MC8, MC9 or I60 price category must have a Time of Use meter installed. Where such an end-consumer does not have a Time of Use meter installed it is in breach of this Pricing Policy. The distributor reserves the right, at the distributor's sole discretion, to not approve any connection or disconnect any existing connection of that end-consumer.

Where an end-consumer is required to have a Time of Use meter, but does not, the Default (DEFT) variable charges will apply as well as any other applicable charges.

For clarity, where an end-consumer allocated to the MC3, MC5, MC6, MC7, MC8, MC9 or I60 price category does have a Time of Use meter installed the Default (DEFT) variable charge will not apply.

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## Description of End-Consumer Price Options, Continued

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### 4.11 Power Factor charges (KVAR)

#### Price Option : Power Factor Charges – KVAR

End-consumers connecting to Unison's network are required to meet a power factor of not less than 0.95 lagging.

The kVAR amount represents twice the largest difference between the kVARh amount recorded in any one half hour period and one third of the kWh demand recorded in the same half hour period. The charge is applicable only during weekdays, between 7 am and 8 pm.

#### 4.11.1 Power Factor Charges apply to MC1, MC2, MC3, MC5, MC6, MC7, MC8, MC9 or I60 Price Categories

A power factor charge applies:

- where the end-consumer's power factor is less than 0.95 for end-consumers with TOU metering, or
  - when non-TOU metering is installed, where a data logger is attached.
- 

### 4.12 Summer On Peak Demand (SOPD)

#### Price Option : Summer On Peak Demand – SOPD

Charges are calculated by reference to the OPD and apply during the summer months.

On Peak Demand (OPD) is defined in *Section 1* as the true power in kilowatts (kW). This is obtained by multiplying by two the true energy in kilowatt-hours (kWh) delivered over the half hour period of maximum consumption between the hours of 7 am and 11 am, and 5 pm and 9 pm on a working day during the month to which the charges apply.

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### 4.13 Winter On Peak Demand (WOPD)

#### Price Option : Winter On Peak Demand – WOPD

Charges are calculated by reference to the OPD and apply during the winter months.

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### 4.14 Anytime Maximum Demand (DMND)

#### Price Option : Anytime Maximum Demand – DMND

Charges are calculated by reference to the AMD and apply all year.

AMD is defined in *Section 1* as the true power in kW. It is obtained by multiplying by two the true energy in kWh delivered over the half hour period of maximum consumption during the month to which the charges apply.

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## Description of End-Consumer Price Options, Continued

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**4.15  
Distributed  
Generation  
(DGEN)**

**Price Option : Distributed Generation – DGEN**

Measured as the kWh exported onto the distributor's network.

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## 5. Selection of Price Category and Price Category Switching

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### 5.1 Selection and switching of price category

The criteria and process around the selection and changing of price category and price option are set out in Section 10 of Unison's Use of System Agreement (UoSA) that has been negotiated with the retailer. Any retailers not yet party to the standard UoSA, can find the Standard UoSA on Unison's public website [www.unison.co.nz](http://www.unison.co.nz).

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### 5.2 Price category change fee

The distributor's price category change fee as detailed in *Section 15* is payable by the retailer when the price category for an end-consumer in a Residential or General price category is changed more than once in any 12 month period (i.e. the charge is payable for the second and each subsequent price category change recorded within a 12 month period).

Where an end-consumer allocated to a commercial or industrial price category changes price category more than once in any 12 month period the fixed charge recovery charge is payable as detailed in *Section 15*.

For the avoidance of doubt, the fixed charge recovery charge applies where the end-consumer was allocated to any of the following price categories at any stage during the 12 month period:

- MC1
  - MC2
  - MC3
  - MC5
  - MC6
  - MC7
  - MC8
  - MC9, or
  - I60
- 

### 5.3 Paper downgrades

The capacity of a connection is deemed to be the capacity in kVA of the end-consumer's connection to the distributor's network except where the distributor (in exceptional circumstances and at the distributor's sole discretion) allows a 'paper downgrade' in kVA capacity of a site (i.e. the connection is deemed to have a lower capacity than its physical kVA capacity). **Such a downgrade will require that the ICP has TOU metering installed and the end-consumer is billed on TOU pricing.** Charges for dedicated transformers will not be downgraded, i.e. the charge will correspond to the physical kVA of the transformer independent of any paper downgrades.

In the event such a downgrade is allowed, the downgraded capacity will apply only from the date the distributor deems the downgrade came into effect. Therefore, the downgrade will have no impact on the applicable charges, preceding that date.

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## Selection of Price Category and Price Category Switching, Continued

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### **5.3 Paper downgrades** (cont)

In the event the ICPs kVA at any time exceeds the downgraded capacity after the effective date of the downgrade, the distributor may:

- cancel the downgrade, and the capacity of the connection shall revert to the kVA that applied prior to the downgrade coming into effect, and
- recalculate all relevant charges as if the downgrade had never been allowed, and recover any excess amounts (as back dating charges).

A period of 18 months must elapse from the date any back dating charges were paid by the customer before the distributor will consider allowing a new downgrade.

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## 6. Unmetered Pricing

### 6.1 Introduction

The price categories in this section apply to end-consumers whose consumption is not metered. Delivery prices include fixed and variable rates.

### 6.2 Unmetered supply: Price codes U01, U02 and U03

#### 6.2.1 Unmetered Supply (other than Streetlights) – U01

Consumption will be determined on a case-by-case basis, dependent on load profile.

A **minimum** monthly charge equal to 0.5kW multiplied by the night hours table will apply to all ICPs.

Hawke's Bay Unmetered Supply – Price Category – U01				
Price Option	Price Code	Description	Units	Price 1 April 2017
UNMT	E-H-U01-UNMT	Unmetered supply (other than street lighting) variable charge	\$/kWh	\$ 0.1200

Rotorua/Taupo Unmetered Supply – Price Category – U01				
Price Option	Price Code	Description	Units	Price 1 April 2017
UNMT	E-R-U01-UNMT	Unmetered supply (other than street lighting) variable charge	\$/kWh	\$ 0.1370

#### 6.2.2 Unmetered Supply (Night Hours) – U02

Consumption will be determined by multiplying the input wattage by a load factor, and the number of night hours as given by the following table.

A minimum load factor of 10% will be applied to the input wattage.

Month	Night Hours for All Regions
January	298
February	296
March	360
April	386
May	428
June	430
July	428
August	412
September	365
October	341
November	298
December	289

*Continued on next page*



## Unmetered Pricing, Continued

**6.2  
 Unmetered  
 supply: Price  
 codes U01,  
 U02 and U03  
 (cont)**

Hawke's Bay Unmetered Supply – Price Category – U02				
Price Option	Price Code	Description	Units	Price 1 April 2017
UNMT	E-H-U02-UNMT	Unmetered supply (night hours) variable charge	\$/kWh	\$ 0.1200

Rotorua/Taupo Unmetered Supply – Price Category – U02				
Price Option	Price Code	Description	Units	Price 1 April 2017
UNMT	E-R-U02-UNMT	Unmetered supply (night hours) variable charge	\$/kWh	\$ 0.1370

### 6.2.3 Unmetered Supply (Streetlighting) – U03

Consumption will be determined by use of a data-logger or by other means whereby consumption can be confirmed each month. An updated data file must be sent to Unison each month to confirm the number of fittings and input wattage for each ICP.

Hawke's Bay Unmetered Supply – Price Category – U03				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-H-U03	Unmetered supply fixed charge	\$/fixture /day	\$ 0.1000
UNMT	E-H-U03-UNMT	Unmetered supply variable charge	\$/kWh	\$ 0.0400

Rotorua/Taupo Unmetered Supply – Price Category – U03				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-R-U03	Unmetered supply fixed charge	\$/fixture /day	\$ 0.1000
UNMT	E-R-U03-UNMT	Unmetered supply variable charge	\$/kWh	\$ 0.0470

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## Unmetered Pricing, Continued

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### **6.3 Limits for unmetered supplies**

A customer must quantify any unmetered load. They may only treat load as unmetered if it reasonably expects, in any rolling 12 month period that the load will not exceed 3,000 kWh or 6,000 kWh if the load is a predictable load of a type approved and published by the Electricity Authority. This limit does not apply to distributed unmetered load managed in accordance with Part 15 of the Electricity Industry Participation Code 2010.

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## 7. Temporary Supply Pricing

### 7.1 Introduction

The price categories in this section apply where the end-consumer's premises are temporary premises (referred to as 'Temporary Supplies'). Delivery charges contain both a fixed and a variable rate.

All Temporary Supplies must have a metered connection.

The subsequent conversion of the Temporary Supply price category into any other price category (including without limitation when the building is complete and the premise is to be occupied) will not count as the first price category change for the purpose of assessing the possible application of the price category change fee (see *Section 15*) at a future date.

### 7.2 Temporary supply: Price categories T1P and T3P

#### Hawke's Bay

Hawke's Bay Temporary Supply Price Codes – T1P and T3P				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-H-T1P	Temporary supply, single phase fixed charge	\$/day	\$ 1.3000
24UC	E-H-T1P-24UC	Temporary supply, single phase anytime variable charge	\$/kWh	\$ 0.1100
PROJ	E-H-T1P-PROJ	Temporary supply, single phase projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.1100
	F-H-T3P	Temporary supply, three phase fixed charge	\$/day	\$ 3.8550
24UC	E-H-T3P-24UC	Temporary supply, three phase anytime variable charge	\$/kWh	\$ 0.0740
PROJ	E-H-T3P-PROJ	Temporary supply, three phase projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.0740

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## Temporary Supply Pricing, Continued

**7.2 Temporary Rotorua/Taupo supply: Price categories T1P and T3P (cont)**

Rotorua/Taupo Temporary Supply Price Codes – T1P and T3P				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-R-T1P	Temporary supply, single phase fixed charge	\$/day	\$ 1.3000
24UC	E-R-T1P-24UC	Temporary supply, single phase anytime variable charge	\$/kWh	\$ 0.0970
PROJ	E-R-T1P-PROJ	Temporary supply, single phase projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.0970
	F-R-T3P	Temporary supply, three phase fixed charge	\$/day	\$ 3.7900
24UC	E-R-T3P-24UC	Temporary supply, three phase anytime variable charge	\$/kWh	\$ 0.0700
PROJ	E-R-T3P-PROJ	Temporary supply, single phase projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.0700

## 8. General Conditions for Residential and General End Consumers

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### 8.1 Accumulative pricing

Both fixed and variable charges apply to all residential or general end-consumers.

Where standard accumulative charges are used there are multiple variable price options available (refer to *Section 4* for a detailed description of all the variable price options) depending on the meter configuration for the ICP. The price options available are dependent on the wiring into the customer's load control equipment and the meter configuration. For each variable pricing component, there will be a unique price option matching each meter's setup.

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### 8.2 Time of use pricing

Residential and non-residential end-consumers who have installed a Half Hourly meter have the option of utilising time of use pricing where a customer makes this available. Where time of use prices are elected the applicable charges consist of:

- a fixed daily charge, **and**
- on peak charges as well as off peak charges (i.e. price options ONPK and OFPK), **or**
- on peak charges, off peak charges and separately metered controlled charges (i.e. price options ONPK, OFPK and CTRL).

In order for the ONPK, OFPK and CTRL if used in conjunction with ONPK and OFPK price options to apply, the customer must supply the distributor with the following data within the standard billing timeframes:

- EIEP1 to be used for billing.

At the distributor's discretion the customer will on reasonable request from the distributor, and within a reasonable timeframe, provide the distributor with any half-hourly data required to verify the EIEP1 data submitted.

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### 8.3 Restricted price option combinations

The following combinations of price options are available only on application to the distributor and at the distributor's sole discretion. The distributor may permit the use of these combinations of prices on a case-by-case basis. Approval must be gained from the distributor by the customer for the application of the price option combination before the price option combination can be applied. In order for approval to be granted, the retailer must supply the distributor with evidence that the distributor deems sufficient, at the distributor's sole discretion, to verify the end-consumer's meter arrangement matches the proposed pricing combination:

- AICO and CTRL
  - NITE only
  - CTRL only
  - AICO and AICO.
-

## 9. Residential Pricing

### 9.1 Introduction

The following charges apply to end-consumers whose capacity is up to, and including 1 and 2 phase 60 Amp and 3 phase 40 Amp (residential end-consumers), where the ICP serves a place of residence which is not normally a place of business. Temporary Builders Supplies are not eligible for this group of end-consumers. TOU metering is currently not mandatory although optional Time of Use price options are available. Unison expects to move towards mandating this type of service based pricing over time to better reflect its costs and provide more choice to residential consumers.

If distributed generation (DG) was connected to a residential ICP after 31 March 2016, the consumer can elect to be placed in either the G11 or G12 price category, or a residential TOU category, TLU or THU.

Refer to *point 9.5 Distributed Generation (DG) pricing*.

The following table summarises the price categories for this group of end-consumers.

#### Note

Price category eligibility varies depending on whether:

- an end-consumer is on accumulative or time of use based pricing
- the connection serves a permanent place of residence, and
- there is DG connected.

Price Category	Description
<b>Accumulative Pricing</b>	
M11	Permanent place of residence – low fixed charge (may have DG connected if prior to 1 April 2016)
M12	Permanent place of residence – standard (may have DG connected if prior to 1 April 2016)
DNR	Non-permanent place of residence (e.g. holiday home)
<b>Time of Use Pricing</b>	
TLU	Permanent place of residence low fixed charge
THU	Permanent place of residence standard
TCU	Non-permanent place of residence (e.g. holiday home)
<b>Distributed Generation Pricing</b>	
G11	Permanent place of residence, low fixed charge with DG installed after 31 March 2016
G12	Residential connections with DG installed after 31 March 2016

*Continued on next page*

## Residential Pricing, Continued

### 9.2 Residential low fixed charge: Price categories M11 or TLU

M11 and TLU price categories comply with the Electricity (Low Fixed Charge tariff for domestic consumers) Regulations 2004 by offering a maximum 15c per day fixed daily delivery charge.

The M11 and TLU price categories are only available if the end-consumer's home:

- is connected to the ICP to which the price category will apply, **and**
- is used or intended for occupation mainly as a place of residence, **and**
- is not normally a place of business whether the business is operated by the end-consumer or any other entity, **and**
- is the principal place of residence of the end-consumer (for example, it is not a holiday home), **and**
- is not a building that is ancillary to the end-consumer's principal place of residence (for example, a shed, pump or garage) that is separately metered, **and**
- M11 cannot have DG connected, while TLU may (if DG was installed prior to 1 April 2016, M11 is valid), **and**
- is not a premises by the Electricity Industry Act 2010 definition of 'domestic premises' that refers to subsections (1)(c) to (k) of section 5 of the Residential Tenancies Act 1986 (for example, it is not part of a club, hostel or premises that are intended to provide temporary or transient accommodation), **and**
- is not exempt from the low fixed charge price category coverage under an exemption granted under the Electricity (Low Fixed Charge tariff for domestic consumers) Regulations 2004.

If at any time the distributor is satisfied (acting reasonably) that the Low Fixed charge price category has been incorrectly allocated to an end-consumer's ICP (that is, the end-consumer does not meet the criteria for the Low Fixed charge price category), the distributor may in respect of any underpayment by the customer resulting from the incorrect allocation:

- charge the underpayment recovery charge referred to in *point 14.5*
- move the relevant end-consumer from the Low Fixed charge price category to the Standard price category or other appropriate price category, and
- adjust the delivery charges historically accordingly. These price categories consist of a fixed daily charge plus one or more variable \$/kWh charges.

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## Residential Pricing, Continued

9.2  
 Residential  
 low fixed  
 charge:  
 Price  
 categories  
 M11 or TLU  
 (cont)

### 9.2.1 Residential Low Fixed Charge Price Codes – Accumulative Pricing: Price Category M11

#### Hawke’s Bay

Hawke’s Bay Residential Low Fixed Charge Price Codes – M11				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-H-M11	Low fixed charge, fixed charge	\$/day	\$ 0.1500
24UC	E-H-M11-24UC	Low fixed charge, uncontrolled variable charge	\$/kWh	\$ 0.1450
AICO	E-H-M11-AICO	Low fixed charge, all inclusive variable charge <i>- closed for new installations</i>	\$/kWh	\$ 0.1220
CTRL	E-H-M11-CTRL	Low fixed charge, controlled variable charge	\$/kWh	\$ 0.0870
NITE	E-H-M11-NITE	Low fixed charge, night variable charge	\$/kWh	\$ 0.0510
CTUD	E-H-M11-CTUD	Low fixed charge, day variable charge	\$/kWh	\$ 0.1850
PROJ	E-H-M11-PROJ	Low fixed charge, projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.1450
DGEN	E-H-M11-DGEN	Low fixed charge, distributed generation export variable charge	\$/kWh	\$ 0.0000

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## Residential Pricing, Continued

**9.2 Residential low fixed charge: Price categories M11 or TLU (cont)**

**Rotorua/Taupo**

Rotorua/Taupo Residential Low Fixed Charge Price Codes – M11				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-R-M11	Low fixed charge, fixed charge	\$/day	\$ 0.1500
24UC	E-R-M11-24UC	Low fixed charge, uncontrolled variable charge	\$/kWh	\$ 0.1340
AICO	E-R-M11-AICO	Low fixed charge, all inclusive variable charge <i>- closed for new installations</i>	\$/kWh	\$ 0.1130
CTRL	E-R-M11-CTRL	Low fixed charge, controlled variable charge	\$/kWh	\$ 0.0820
NITE	E-R-M11-NITE	Low fixed charge, night variable charge	\$/kWh	\$ 0.0470
CTUD	E-R-M11-CTUD	Low fixed charge, day variable charge	\$/kWh	\$ 0.1710
PROJ	E-R-M11-PROJ	Low fixed charge, projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.1340
DGEN	E-R-M11-DGEN	Low fixed charge, distributed generation export variable charge	\$/kWh	\$ 0.0000

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## Residential Pricing, Continued

**9.2 Residential low fixed charge: Price categories M11 or TLU (cont)**

**9.2.2 Residential Low Fixed Charge Price Codes – Time of Use Pricing: Price Category TLU**

**Hawke’s Bay**

Hawke’s Bay Residential TOU Low Fixed Charge Price Codes – TLU				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-H-TLU	Low fixed charge, fixed charge	\$/day	\$ 0.1500
CTRL	E-H-TLU-CTRL	Low fixed charge, controlled variable charge	\$/kWh	\$ 0.0650
ONPK	E-H-TLU-ONPK	Low fixed charge, on peak variable charge	\$/kWh	\$ 0.2400
OFFPK	E-H-TLU-OFFPK	Low fixed charge, off peak variable charge	\$/kWh	\$ 0.0650
PROJ	E-H-TLU-PROJ	Low fixed charge, projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.2400
DGEN	E-H-TLU-DGEN	Low fixed charge, distributed generation export variable charge	\$/kWh	\$ 0.0000

**Rotorua/Taupo**

Rotorua/Taupo Residential TOU Low Fixed Charge Price Codes – TLU				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-R-TLU	Low fixed charge, fixed charge	\$/day	\$ 0.1500
CTRL	E-R-TLU-CTRL	Low fixed charge, controlled variable charge	\$/kWh	\$ 0.0600
ONPK	E-R-TLU-ONPK	Low fixed charge, on peak variable charge	\$/kWh	\$ 0.2240
OFFPK	E-R-TLU-OFFPK	Low fixed charge, off peak variable charge	\$/kWh	\$ 0.0600
PROJ	E-R-TLU-PROJ	Low fixed charge, projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.2240
DGEN	E-R-TLU-DGEN	Low fixed charge, distributed generation export variable charge	\$/kWh	\$ 0.0000

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## Residential Pricing, Continued

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**9.3  
Residential  
standard:  
Price  
categories  
M12 or THU**

These price categories apply to an ICP for end-consumers principal place of residence using 8,000 kWh or more annual consumption where the ICP supplies only the primary residence.

The M12 and THU price categories are only available if the end-consumer's home:

- is connected to the ICP to which the price category will apply, **and**
- is used or intended for occupation mainly as a place of residence, **and**
- is not normally a place of business whether the business is operated by the end-consumer or any other entity, **and**
- is the principal place of residence of the end-consumer (for example, it is not a holiday home), **and**
- is not a building that is ancillary to the end-consumer's principal place of residence (for example, a shed, pump or garage) that is separately metered, **and**
- M12 cannot have DG, while THU may (if DG was installed prior to 1 April 2016, M12 is valid), **and**
- is not a premises that is referred to in subsections (a) to (i) of Section 90 of the Electricity Industry Reform Act 1998 (for example, it is not part of a boarding house, hostel or camping ground).

These price categories consist of a fixed daily charge plus one or more variable \$/kWh charges.

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## Residential Pricing, Continued

9.3  
 Residential  
 standard:  
 Price  
 categories  
 M12 or THU  
 (cont)

9.3.1 Residential Standard Price Codes  
 – Accumulative Pricing: Price Category M12

Hawke’s Bay

Hawke’s Bay Residential Standard Price Codes – M12				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-H-M12	Standard, fixed charge	\$/day	\$ 1.1500
24UC	E-H-M12-24UC	Standard, uncontrolled variable charge	\$/kWh	\$ 0.0995
AICO	E-H-M12-AICO	Standard, all inclusive variable charge - <i>closed for new installations</i>	\$/kWh	\$ 0.0765
CTRL	E-H-M12-CTRL	Standard, controlled variable charge	\$/kWh	\$ 0.0420
NITE	E-H-M12-NITE	Standard, night variable charge	\$/kWh	\$ 0.0350
CTUD	E-H-M12-CTUD	Standard, day variable charge	\$/kWh	\$ 0.1280
PROJ	E-H-M12-PROJ	Standard, projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.0995
DGEN	E-H-M12-DGEN	Standard, distributed generation export variable charge	\$/kWh	\$ 0.0000

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## Residential Pricing, Continued

### 9.3 Residential Standard: Price categories M12 or THU (cont)

#### Rotorua/Taupo

Rotorua/Taupo Residential Standard Price Codes – M12				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-R-M12	Standard, fixed charge	\$/day	\$ 1.1500
24UC	E-R-M12-24UC	Standard, uncontrolled variable charge	\$/kWh	\$ 0.0885
AICO	E-R-M12-AICO	Standard, all inclusive variable charge <i>- closed for new installations</i>	\$/kWh	\$ 0.0675
CTRL	E-R-M12-CTRL	Standard, controlled variable charge	\$/kWh	\$ 0.0365
NITE	E-R-M12-NITE	Standard, night variable charge	\$/kWh	\$ 0.0310
CTUD	E-R-M12-CTUD	Standard, day variable charge	\$/kWh	\$ 0.1130
PROJ	E-R-M12-PROJ	Standard, projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.0885
DGEN	E-R-M12-DGEN	Standard, distributed generation export variable charge	\$/kWh	\$ 0.0000

#### 9.3.2 Residential Standard Price Codes – Time of Use Pricing: Price Category THU

#### Hawke's Bay

Hawke's Bay Residential TOU Standard Price Codes – THU				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-H-THU	Standard, fixed charge	\$/day	\$ 1.1500
CTRL	E-H-THU-CTRL	Standard, controlled variable charge	\$/kWh	\$ 0.0400
ONPK	E-H-THU-ONPK	Standard, on peak variable charge	\$/kWh	\$ 0.1700
OFFPK	E-H-THU-OFFPK	Standard, off peak variable charge	\$/kWh	\$ 0.0400
PROJ	E-H-THU-PROJ	Standard, projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.1700
DGEN	E-H-THU-DGEN	Standard, distributed generation export variable charge	\$/kWh	\$ 0.0000

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## Residential Pricing, Continued

**9.3 Residential Standard: Price categories M12 or THU (cont)**

**Rotorua/Taupo**

Rotorua/Taupo Residential TOU Standard Price Codes – THU				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-R-THU	Standard, fixed charge	\$/day	\$ 1.1500
CTRL	E-R-THU-CTRL	Standard, controlled variable charge	\$/kWh	\$ 0.0380
ONPK	E-R-THU-ONPK	Standard, on peak variable charge	\$/kWh	\$ 0.1500
OFFPK	E-R-THU-OFFPK	Standard, off peak variable charge	\$/kWh	\$ 0.0380
PROJ	E-R-THU-PROJ	Standard, projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.1500
DGEN	E-R-THU-DGEN	Standard, distributed generation export variable charge	\$/kWh	\$ 0.0000

**9.4 Non-permanent residential: Price category DNR**

The DNR price category applies to an end-consumer’s residence where the end-consumer is not permanently domiciled at that residence (including by way of example but not limited to shearers’ quarters and holiday homes).

Where an end-consumer becomes permanently domiciled at that residence (so that it becomes a principal place of residence) the customer shall notify the distributor and request that the distributor allocate the end-consumer’s ICP to a permanent residential price category and appropriate price option.

For the sake of clarity, where there is no residence connected to an ICP the DNR price category cannot apply.

The TCU price category outlined in *Section 10* may be applied to these end-consumers instead of the DNR price category at the customer’s discretion. Fixed and variable charges apply.

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## Residential Pricing, Continued

### 9.4 Non-permanent residential: Price category DNR (cont)

#### Hawke's Bay

Hawke's Bay Non-Permanent Residential Price Codes – DNR				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-H-DNR	Fixed charge	\$/day	\$ 1.5000
24UC	E-H-DNR-24UC	Uncontrolled variable charge	\$/kWh	\$ 0.0995
AICO	E-H-DNR-AICO	All inclusive variable charge <i>- closed for new installations</i>	\$/kWh	\$ 0.0765
CTRL	E-H-DNR-CTRL	Controlled variable charge	\$/kWh	\$ 0.0420
NITE	E-H-DNR-NITE	Night variable charge	\$/kWh	\$ 0.0350
CTUD	E-H-DNR-CTUD	Day variable charge	\$/kWh	\$ 0.1280
PROJ	E-H-DNR-PROJ	Projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.0995
DGEN	E-H-DNR-DGEN	Distributed generation export variable charge	\$/kWh	\$ 0.0000

#### Rotorua/Taupo

Rotorua/Taupo Non-Permanent Residential Price Codes – DNR				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-R-DNR	Fixed charge	\$/day	\$ 1.5000
24UC	E-R-DNR-24UC	Uncontrolled variable charge	\$/kWh	\$ 0.0885
AICO	E-R-DNR-AICO	All inclusive variable charge <i>- closed for new installations</i>	\$/kWh	\$ 0.0675
CTRL	E-R-DNR-CTRL	Controlled variable charge	\$/kWh	\$ 0.0365
NITE	E-R-DNR-NITE	Night variable charge	\$/kWh	\$ 0.0310
CTUD	E-R-DNR-CTUD	Day variable charge	\$/kWh	\$ 0.1130
PROJ	E-R-DNR-PROJ	Projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.0885
DGEN	E-R-DNR-DGEN	Distributed generation export variable charge	\$/kWh	\$ 0.0000

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## Residential Pricing, Continued

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### 9.4 Non-permanent residential: Price category DNR (cont)

Eligibility checks are applied by Unison's Commercial team to ensure a consistent approach is being applied in respect of end-consumers who Unison considers are DNR sites. These additional checks include the following:

- a check of the name and contact details for off-site postal addresses
- a check on consumption volume and patterns to confirm consistent occupation, and
- a check of the Electoral roll to validate the end-consumer resides permanently in the region.

By undertaking the above checks, Unison is confident that should an end-consumer question the validity of placement into the DNR category, there will be sufficient background evidence to be able to make an informed and fair decision.

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### 9.5 Distributed Generation (DG) pricing

Connections with DG connected after 31 March 2016 may elect to be placed in either:

- the G11 or G12 category, or
- a residential TOU price category, TLU or THU.

The Distributed Generation (DG) price categories apply to connections:

- whose capacity is up to, and including 1 and 2 phase 60 Amp and 3 phase 40 Amp, **and**
- have DG connected after 31 March 2016, **and**
- that have not been allocated by a customer to TLU or THU.

Connections with DG connected prior to this date can remain in the current applicable price category for a 'grand parenting' period.

This period has a current expiry date of 31 March 2019, however, Unison retains the right to change this period giving reasonable notice. At the completion of this 'grand parenting' period all connections with DG connected will at that time be transferred to an applicable DG pricing category or its successor.

The G11 DG price category is a Low Fixed Charge price category where connections are subject to the conditions applying to Unison's other Low Fixed Charge categories, M11 or TLU. Refer to *point 9.2* of this policy for more information regarding Low Fixed Charge eligibility. Temporary Supplies are not eligible for these categories.

Consumers wishing to switch from the G11 or G12 price category to a category where DG pricing does not apply, M11 or M12 for instance, must provide evidence of permanent removal of DG.

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## Residential Pricing, Continued

9.6 DG price codes:  
Price category G11

### Hawke's Bay

Hawke's Bay Distributed Generation Low Fixed Charge Price Codes – G11				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-H-G11	Fixed charge	\$/day	\$ 0.1500
24UC	E-H-G11-24UC	Low Fixed Charge uncontrolled variable charge	\$/kWh	\$ 0.1730
AICO	E-H-G11-AICO	Low Fixed Charge all inclusive variable charge <i>- closed for new installations</i>	\$/kWh	\$ 0.1460
CTRL	E-H-G11-CTRL	Low fixed charge, controlled variable charge	\$/kWh	\$ 0.1060
NITE	E-H-G11-NITE	Low fixed charge, night variable charge	\$/kWh	\$ 0.0610
CTUD	E-H-G11-CTUD	Low fixed charge, day variable charge	\$/kWh	\$ 0.2210
PROJ	E-H-G11-PROJ	Low Fixed Charge projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.1730
DGEN	E-H-G11-DGEN	Distributed generation export variable charge	\$/kWh	\$ 0.0000

### Rotorua/Taupo

Rotorua/Taupo Distributed Generation Low Fixed Charge Price Codes – G11				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-R-G11	Low Fixed Charge, fixed charge	\$/day	\$ 0.1500
24UC	E-R-G11-24UC	Low Fixed Charge, uncontrolled variable charge	\$/kWh	\$ 0.1620
AICO	E-R-G11-AICO	Low Fixed Charge, all inclusive variable charge <i>- closed for new installations</i>	\$/kWh	\$ 0.1370
CTRL	E-R-G11-CTRL	Low fixed charge, controlled variable charge	\$/kWh	\$ 0.1000
NITE	E-R-G11-NITE	Low fixed charge, night variable charge	\$/kWh	\$ 0.0570
CTUD	E-R-G11-CTUD	Low fixed charge, day variable charge	\$/kWh	\$ 0.2070
PROJ	E-R-G11-PROJ	Low Fixed Charge, projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.1620
DGEN	E-R-G11-DGEN	Low Fixed Charge, Distributed generation export variable charge	\$/kWh	\$ 0.0000

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## Residential Pricing, Continued

9.7 DG price codes:  
Price category G12

### Hawke's Bay

Hawke's Bay Distributed Generation Standard Price Codes – G12				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-H-G12	Standard, Fixed charge	\$/day	\$ 1.7660
24UC	E-H-G12-24UC	Standard, uncontrolled variable charge	\$/kWh	\$ 0.0995
AICO	E-H-G12-AICO	Standard, all inclusive variable charge <i>- closed for new installations</i>	\$/kWh	\$ 0.0765
CTRL	E-H-G12-CTRL	Standard, controlled variable charge	\$/kWh	\$ 0.0420
NITE	E-H-G12-NITE	Standard, night variable charge	\$/kWh	\$ 0.0350
CTUD	E-H-G12-CTUD	Standard, day variable charge	\$/kWh	\$ 0.1280
PROJ	E-H-G12-PROJ	Standard, projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.0995
DGEN	E-H-G12-DGEN	Standard, distributed generation export variable charge	\$/kWh	\$ 0.0000

### Rotorua/Taupo

Rotorua/Taupo Distributed Generation Standard Price Codes – G12				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-R-G12	Standard, fixed charge	\$/day	\$ 1.7640
24UC	E-R-G12-24UC	Standard, uncontrolled variable charge	\$/kWh	\$ 0.0885
AICO	E-R-G12-AICO	Standard, all inclusive variable charge <i>- closed for new installations</i>	\$/kWh	\$ 0.0675
CTRL	E-R-G12-CTRL	Standard, controlled variable charge	\$/kWh	\$ 0.0365
NITE	E-R-G12-NITE	Standard, night variable charge	\$/kWh	\$ 0.0310
CTUD	E-R-G12-CTUD	Standard, day variable charge	\$/kWh	\$ 0.1130
PROJ	E-R-G12-PROJ	Standard, projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.0885
DGEN	E-R-G12-DGEN	Standard, distributed generation export variable charge	\$/kWh	\$ 0.0000

## 10. General Price Category

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### 10.1 Introduction

The price categories in this section apply to connections:

- whose capacity is up to and including 1 and 2 phase 60 Amp and 3 phase 20 Amp, and
- that are connected to the Low Voltage network where the end-consumers do not qualify for any of the Residential price categories in *Section 9*.

Temporary Supplies do not qualify for this group. TOU metering is not required for this group of end-consumers although half-hourly metering based pricing is provided as an option.

There are three price categories for this group of end-consumers:

- **NDL:** End-consumers with consumption less than 6,000 kWh per annum (Low User), **and**
- **NDH:** End-consumers with consumption greater than 6,000 kWh per annum (High User), **and**
- **TCU:** End consumers within the General category that elect to be on a TOU plan.

The allocation of a consumer to either the NDH or NDL price category is based on the consumption submitted in the previous calendar year. Unison reserves the right to reassess a consumer if there has been a change of behaviour at the installation during the current year and it could be reasonably assumed that the consumption for the coming 12 month period would clearly fit into a different category.

These price categories consist of price options providing for a fixed daily charge and one or more variable \$/kWh charges.

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## General Price Category, Continued

10.2 General  
low user price  
codes:  
Price  
category NDL

### Hawke's Bay

Hawkes Bay General Low User Price Codes – NDL				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-H-NDL	Low user, fixed charge	\$/day	\$ 1.5500
24UC	E-H-NDL-24UC	Low user, uncontrolled variable charge	\$/kWh	\$ 0.0690
AICO	E-H-NDL-AICO	Low user, all inclusive variable charge <b>- closed for all installations</b>	\$/kWh	Closed
CTRL	E-H-NDL-CTRL	Low user, controlled variable charge	\$/kWh	\$ 0.0325
NITE	E-H-NDL-NITE	Low user, night variable charge	\$/kWh	\$ 0.0240
CTUD	E-H-NDL-CTUD	Low user, day variable charge	\$/kWh	\$ 0.0880
PROJ	E-H-NDL-PROJ	Low user, projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.0690
DGEN	E-H-NDL-DGEN	Low user, distributed generation export variable charge	\$/kWh	\$ 0.0000

### Rotorua/Taupo

Rotorua/Taupo General Low User Price Codes – NDL				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-R-NDL	Low user, fixed charge	\$/day	\$ 1.5500
24UC	E-R-NDL-24UC	Low user, uncontrolled variable charge	\$/kWh	\$ 0.0620
AICO	E-R-NDL-AICO	Low user, all inclusive variable charge <b>- closed for all installations</b>	\$/kWh	Closed
CTRL	E-R-NDL-CTRL	Low user, controlled variable charge	\$/kWh	\$ 0.0300
NITE	E-R-NDL-NITE	Low user, night variable charge	\$/kWh	\$ 0.0220
CTUD	E-R-NDL-CTUD	Low user, day variable charge	\$/kWh	\$ 0.0790
PROJ	E-R-NDL-PROJ	Low user, projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.0620
DGEN	E-R-NDL-DGEN	Low user, distributed generation export variable charge	\$/kWh	\$ 0.0000

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## General Price Category, Continued

10.3 General high user price codes: Price category NDH

### Hawke's Bay

Hawke's Bay General High User Price Codes - NDH				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-H-NDH	High user, fixed charge	\$/day	\$ 1.1500
24UC	E-H-NDH-24UC	High user, uncontrolled variable charge	\$/kWh	\$ 0.0940
AICO	E-H-NDH-AICO	High user, all inclusive variable charge <i>- closed for all installations</i>	\$/kWh	Closed
CTRL	E-H-NDH-CTRL	High user, controlled variable charge	\$/kWh	\$ 0.0470
NITE	E-H-NDH-NITE	High user, night variable charge	\$/kWh	\$ 0.0326
CTUD	E-H-NDH-CTUD	High user, day variable charge	\$/kWh	\$ 0.1220
PROJ	E-H-NDH-PROJ	High user, projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.0940
DGEN	E-H-NDH-DGEN	High user, distributed generation export variable charge	\$/kWh	\$ 0.0000

### Rotorua/Taupo

Rotorua/Taupo General High User Price Codes - NDH				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-R-NDH	High user, fixed charge	\$/day	\$ 1.1500
24UC	E-R-NDH-24UC	High user, uncontrolled variable charge	\$/kWh	\$ 0.0860
AICO	E-R-NDH-AICO	High user, all inclusive variable charge <i>- closed for all installations</i>	\$/kWh	Closed
CTRL	E-R-NDH-CTRL	High user, controlled variable charge	\$/kWh	\$ 0.0470
NITE	E-R-NDH-NITE	High user, night variable charge	\$/kWh	\$ 0.0300
CTUD	E-R-NDH-CTUD	High user, day variable charge	\$/kWh	\$ 0.1100
PROJ	E-R-NDH-PROJ	High user, projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.0860
DGEN	E-R-NDH-DGEN	High user, distributed generation export variable charge	\$/kWh	\$ 0.0000

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## General Price Category, Continued

10.4 General  
 TOU price  
 codes:  
 Price  
 category TCU

### Hawke's Bay

Hawke's Bay General TOU Price Codes – TCU				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-H-TCU	Fixed charge	\$/day	\$ 1.1500
CTRL	E-H-TCU-CTRL	Controlled variable charge	\$/kWh	\$ 0.0470
ONPK	E-H-TCU-ONPK	On peak variable charge	\$/kWh	\$ 0.1810
OFFPK	E-H-TCU-OFFPK	Off peak variable charge	\$/kWh	\$ 0.0470
PROJ	E-H-TCU-PROJ	Projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.1810
DGEN	E-H-TCU-DGEN	Distributed generation export variable charge	\$/kWh	\$ 0.0000

### Rotorua/Taupo

Rotorua/Taupo General TOU Price Codes – TCU				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-R-TCU	Fixed charge	\$/day	\$ 1.1500
CTRL	E-R-TCU-CTRL	Controlled variable charge	\$/kWh	\$ 0.0470
ONPK	E-R-TCU-ONPK	On peak variable charge	\$/kWh	\$ 0.1580
OFFPK	E-R-TCU-OFFPK	Off peak variable charge	\$/kWh	\$ 0.0470
PROJ	E-R-TCU-PROJ	Projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.1580
DGEN	E-R-TCU-DGEN	Distributed generation export variable charge	\$/kWh	\$ 0.0000

## 11. Commercial Pricing

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### 11.1 Introduction

The price categories in this section apply to end-consumers whose capacity is:

- greater than 1 and 2 phase 60 Amp and 3 phase 20 Amp, and
- less than or equal to 3 phase 1500 Amp.

Temporary Builders' Supplies do not qualify for this group of end-consumers. The table in *point 2.4* is to be used to ensure end-consumers in this group are allocated to the correct price category.

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### 11.2 Price option requirements

Price options for fixed daily charges apply to all ICPs in a price category regardless of the type of metering installed.

Where a MC1 or MC2 end-consumer has a TOU meter, the customer may elect one of the following two options:

- submit billing data as EIEP3 in which case the quantity will be billed on the time of use pricing outlined in this section, or
- submit billing data as EIEP1 in which case the quantity will be billed on the accumulative type prices.

Where data is submitted on EIEP3 format and therefore charged using TOU pricing it is the preference of the distributor, where possible, that retailer switching occurs on the 1<sup>st</sup> day of the month. As TOU price options are monthly charges this will allow a more seamless billing process.

Within the Commercial price categories Time of Use price options may only apply where the structure of pricing charged to the end-consumer reasonably matches that which the distributor charges the customer.

The distributor accepts that the customer's definition of on peak and off peak periods may not match precisely with those of the distributor. The distributor has the discretion to determine whether the price charged to the end-consumer reasonably matches the distributor's prices.

#### **Moratorium on Change of Billing Method**

To protect both Unison and the consumer from fluctuation in distribution charges due to a change in the billing method, TOU to accumulative or vice versa, a moratorium will be instituted from 1 April 2016. This means any ICP in either MC1 or MC2 price category at 1 April 2016 must remain on the billing system that was in effect at that date. This moratorium will stay in effect until rescinded by Unison.

Unison is investigating a revision to the pricing methodology for MC1 and MC2 connections. While this process is being completed, it would be unreasonable to allow consumers to make decisions that may not be in their future best interests.

Time of Use meters and EIEP3 formatted data submissions are mandatory for all MC3, MC5, MC6, MC7, MC8 and MC9 end-consumers.

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## Commercial Pricing, Continued

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### 11.3 Small commercial price options

The following price options apply to end-consumers in the MC1 and MC2 price categories.

Multiple variable price options are available (refer to *Section 4* for a detailed description of all the variable price options) depending on the meter configuration for the ICP. The price options available are dependent on the wiring into the customers' load control mechanism and the meter configuration. For each variable pricing component, there will be a unique price option matching the meter register code combination.

The following combinations of price options are permitted provided the requirements outlined in *Section 4* are satisfied:

- 24UC only
- 24UC and CTRL
- 24UC and NITE
- NITE and CTUD, or
- SOPD, WOPD, DMND and KVAR (TOU ICPs).

Other price option combinations are available with the prior approval of the distributor. Fixed daily charges also apply.

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## Commercial Pricing, Continued

**11.4 Small commercial price codes: Price categories MC1 and MC2**

**Hawke's Bay**

Hawke's Bay Commercial Accumulative and TOU Price Codes – MC1 and MC2				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-H-MC1	Fixed charge >14 kVA and <=69 kVA	\$/day	\$ 3.5000
	F-H-MC2	Fixed charge >69 kVA and <=138 kVA	\$/day	\$ 9.0000
24UC	E-H-MC-24UC	Uncontrolled variable charge	\$/kWh	\$ 0.0740
CTRL	E-H-MC-CTRL	Controlled variable charge	\$/kWh	\$ 0.0370
NITE	E-H-MC-NITE	Night variable charge	\$/kWh	\$ 0.0270
CTUD	E-H-MC-CTUD	Day variable charge	\$/kWh	\$ 0.0970
SOPD	E-H-MC-SOPD	Summer On Peak Demand charge	\$/kW /month	\$ 3.5000
WOPD	E-H-MC-WOPD	Winter On Peak Demand charge	\$/kW /month	\$ 9.5000
DMND	E-H-MC-DMND	Anytime Maximum Demand charge	\$/kW /month	\$ 2.7000
KVAR	E-H-MC-KVAR	Power Factor charge	\$/kVAr /month	\$ 7.5500
PROJ	E-H-MC-PROJ	Projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.0740
DGEN	E-H-MC-DGEN	Distributed generation export variable charge	\$/kWh	\$ 0.0000

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## Commercial Pricing, Continued

**11.4 Small commercial price codes: Price categories MC1 and MC2 (cont)**

**Rotorua/Taupo**

Rotorua/Taupo Commercial Accumulative and TOU Price Codes – MC1 and MC2				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-R-MC1	Fixed charge >14 kVA and <=69 kVA	\$/day	\$ 3.4900
	F-R-MC2	Fixed charge >69 kVA and <=138 kVA	\$/day	\$ 9.5000
24UC	E-R-MC-24UC	Uncontrolled variable charge	\$/kWh	\$ 0.0660
CTRL	E-R-MC-CTRL	Controlled variable charge	\$/kWh	\$ 0.0310
NITE	E-R-MC-NITE	Night variable charge	\$/kWh	\$ 0.0230
CTUD	E-R-MC-CTUD	Day variable charge	\$/kWh	\$ 0.0880
SOPD	E-R-MC-SOPD	Summer On Peak Demand charge	\$/kW /month	\$ 3.7000
WOPD	E-R-MC-WOPD	Winter On Peak Demand charge	\$/kW /month	\$ 10.0000
DMND	E-R-MC-DMND	Anytime Maximum Demand charge	\$/kW /month	\$ 2.6330
KVAR	E-R-MC-KVAR	Power Factor charge	\$/kVA <sub>r</sub> /month	\$ 7.5500
PROJ	E-R-MC-PROJ	Projected variable charge <i>Cannot be selected by a customer</i>	\$/kWh	\$ 0.0660
DGEN	E-R-MC-DGEN	Distributed generation export variable charge	\$/kWh	\$ 0.0000

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## Commercial Pricing, Continued

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### 11.5 Large commercial price options

The following price options apply to commercial end-consumers MC3, MC5, MC6, MC7, MC8 and MC9 price categories. Time of Use meters and EIEP3 formatted data submission are mandatory for all of these end-consumers.

The following combination of price options is required to apply to all ICPs, as well as fixed daily charges:

- SOPD
- WOPD
- DMND, and
- KVAR.

For clarity the Default charge, DEFT, does not apply where a TOU meter is installed.

In the event an end-consumer is in breach of this policy and does not have a TOU meter installed, and as such the SOPD, WOPD and DMND quantities cannot be calculated, the following combination of price options will apply, as well as fixed daily charges:

- DEFT, and
- KVAR.

See *Section 4* for details on each price option.

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## Commercial Pricing, Continued

**11.6 Large commercial price codes: Price categories MC3, MC5 to MC9**

### Hawke's Bay

Hawke's Bay Commercial Price Codes – MC3, MC5 to MC9				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-H-MC3	Fixed charge >138 kVA and <=277 kVA	\$/day	\$ 16.5000
	F-H-MC5	Fixed charge >277 kVA and <=436 kVA	\$/day	\$ 27.0000
	F-H-MC6	Fixed charge >436 kVA and <=554 kVA	\$/day	\$ 34.0000
	F-H-MC7	Fixed charge >554 kVA and <=693 kVA	\$/day	\$ 41.0000
	F-H-MC8	Fixed charge >693 kVA and <=866 kVA	\$/day	\$ 48.0000
	F-H-MC9	Fixed charge >866 kVA and <=1,039 kVA	\$/day	\$ 55.0000
SOPD	E-H-MC-SOPD	Summer On Peak Demand charge	\$/kW/month	\$ 3.5000
WOPD	E-H-MC-WOPD	Winter On Peak Demand charge	\$/kW/month	\$ 9.5000
DMND	E-H-MC-DMND	Anytime Maximum Demand charge	\$/kW/month	\$ 2.7000
KVAR	E-H-MC-KVAR	Power Factor charge	\$/kVAr/month	\$ 7.5500
DEFT	E-H-MC-DEFT	Default charge where TOU meter is required but not installed	\$/kWh	\$ 0.0890
DGEN	E-H-MC-DGEN	Distributed generation export variable charge	\$/kWh	\$ 0.0000

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## Commercial Pricing, Continued

**11.6 Large commercial price codes: Price categories MC3, MC5 to MC9 (cont)**

### Rotorua/Taupo

Rotorua/Taupo Commercial Price Codes – MC3, MC5 to MC9				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-R-MC3	Fixed charge >138 kVA and <=277 kVA	\$/day	\$ 17.5000
	F-R-MC5	Fixed charge >277 kVA and <=436 kVA	\$/day	\$ 28.0000
	F-R-MC6	Fixed charge >436 kVA and <=554 kVA	\$/day	\$ 36.0000
	F-R-MC7	Fixed charge >554 kVA and <=693 kVA	\$/day	\$ 44.0000
	F-R-MC8	Fixed charge >693 kVA and <=866 kVA	\$/day	\$ 52.0000
	F-R-MC9	Fixed charge >866 kVA and <=1,039 kVA	\$/day	\$ 60.0000
SOPD	E-R-MC-SOPD	Summer On Peak Demand charge	\$/kW/month	\$ 3.7000
WOPD	E-R-MC-WOPD	Winter On Peak Demand charge	\$/kW/month	\$ 10.0000
DMND	E-R-MC-DMND	Anytime Maximum Demand charge	\$/kW/month	\$ 2.6330
KVAR	E-R-MC-KVAR	Power Factor charge	\$/kVAr/month	\$ 7.5500
DEFT	E-R-MC-DEFT	Default charge where TOU meter is required but not installed	\$/kWh	\$ 0.0850
DGEN	E-R-MC-DGEN	Distributed generation export variable charge	\$/kWh	\$ 0.0000

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## Commercial Pricing, Continued

### 11.7 Dedicated equipment charges

#### 11.7.1 Introduction

This section applies to end-consumers in all commercial price categories that are connected to the High Voltage network via dedicated transformers owned by the distributor. These end-consumers receive a higher level of service and as such attract a dedicated transformer charge to reflect this.

#### Note

These charges and discounts are in addition to other applicable charges.

Where an end-consumer's transformer is of a size that does not align to a specified price option the applicable price option is the one for the next highest specified transformer size. For example, a 250kVA transformer will be charged using the 300kVA transformer price option.

#### 11.7.2 Dedicated Equipment Charges Price Codes

##### Hawke's Bay

Hawke's Bay Dedicated Equipment Charges – MC1 through to MC9				
Price Option	Price Code	Description	Units	Price 1 April 2017
T020	F-H-MC-T020	Dedicated transformer charge. Capacity 200kVA	\$/day	\$ 5.0000
T030	F-H-MC-T030	Dedicated transformer charge. Capacity 300kVA	\$/day	\$ 6.6000
T050	F-H-MC-T050	Dedicated transformer charge. Capacity 500kVA	\$/day	\$ 8.6500
T075	F-H-MC-T075	Dedicated transformer charge. Capacity 750kVA	\$/day	\$ 10.7500
T100	F-H-MC-T100	Dedicated transformer charge. Capacity 1,000kVA	\$/day	\$ 12.7500
T150	F-H-MC-T150	Dedicated transformer charge. Capacity 1,500kVA	\$/day	\$ 14.0000

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## Commercial Pricing, Continued

### 11.7 Dedicated equipment charges (cont)

#### Rotorua/Taupo

Rotorua/Taupo Dedicated Equipment Charges – MC1 through to MC9				
Price Option	Price Code	Description	Units	Price 1 April 2017
T020	F-R-MC-T020	Dedicated transformer charge Capacity 200kVA	\$/day	\$ 5.0000
T030	F-R-MC-T030	Dedicated transformer charge Capacity 300kVA	\$/day	\$ 6.6000
T050	F-R-MC-T050	Dedicated transformer charge Capacity 500kVA	\$/day	\$ 8.6500
T075	F-R-MC-T075	Dedicated transformer charge Capacity 750kVA	\$/day	\$ 10.7500
T100	F-R-MC-T100	Dedicated transformer charge Capacity 1,000kVA	\$/day	\$ 12.7500
T150	F-R-MC-T150	Dedicated transformer charge Capacity 1,500kVA	\$/day	\$ 14.0000

### 11.8 Consumer owned asset discount

This section applies to end-consumers in all Commercial price categories that are connected to the High Voltage network via one or more dedicated transformers owned by the end-consumer or a third party. This discount is reflective of the investment made in the purchase of said transformer(s). Note, this discount is in addition to other applicable charges. For the avoidance or doubt, this discount is a flat rate per end-consumer, independent of the size or number of transformers that are owned by the end-consumer or third party.

This discount is only applicable where:

- the end-consumer was in the L40 price category as at 1 April 2011
- the end-consumer, or a third party, owned the dedicated transformer as at 1 April 2011, **and**
- the ICP to which the discount is to apply was supplied by the dedicated transformer, or another dedicated transformer of the same kVA rating, as at 1 April 2011.

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## Commercial Pricing, Continued

**11.8  
 Consumer  
 owned asset  
 discount  
 (cont)**

**Hawke's Bay**

Hawke's Bay Consumer owned Asset Discount				
Price Option	Price Code	Description	Units	Price 1 April 2017
COAD	F-H-MC-COAD	Discount for consumer or third party owned transformer	\$/day	\$ -1.9000

**Rotorua/Taupo**

Rotorua/Taupo Consumer owned Asset Discount				
Price Option	Price Code	Description	Units	Price 1 April 2017
COAD	F-R-MC-COAD	Discount for consumer or third party owned transformer	\$/day	\$ -1.9000



## 12. Large Consumer Pricing

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### 12.1 Introduction

Price category I60 applies to end-consumers with capacity greater than 1037kVA. For clarity, capacity refers to the capacity of the end-consumer's site where a site may constitute more than one ICP. There may or may not be individual ICPs within the site that have capacity greater than 1037kVA. The ICPs constituting the end-consumer's site are determined at the sole discretion of the distributor.

Price category I60 may apply, at the distributor's sole discretion, to other end-consumers with a capacity less than 1,037 kVA where:

- an end-consumer has a dedicated supply system which is quite different and separate from the remainder of the supply network, **or**
- an end-consumer is connected at, or close to, a transmission connection point and the inclusion of the cost of average shared network would increase their network price above stand-alone costs, **or**
- the site has embedded generation, **or**
- inequitable treatment of otherwise comparable consumers arising from the 1,037 kVA threshold (e.g. residential embedded networks), **or**
- the end-consumer's consumption results in the distributor incurring transmission interconnection costs significantly different to transmission interconnection costs that result from otherwise comparable consumers, **or**
- the end-consumer's load profile is significantly different from otherwise comparable consumers, **or**
- the end-consumer and the distributor agree the end-consumer will be individually priced.

Time of Use meters are mandatory for this group of end-consumers.

A power factor charge also applies where the end-consumers power factor is less than 0.95 as outlined in *point 4.11.1*.

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## Large Consumer Pricing, Continued

### 12.2 Large consumer price options

Delivery charges are calculated on an individual basis, and may contain a mixture of fixed and variable rates.

Charges for price category I60 are subject to periodic review based on site-specific information, which may include assets employed and/or AMD. The distributor will give the customer 45 days' notice of new individual charges.

#### Hawke's Bay

Hawke's Bay Industrial Price Codes – I60				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-H-I60-xxx	Capacity >=1MVA. Individually priced	\$/day	\$ POA
KVAR	E-H-I60-KVAR	Power Factor charge	\$/kVAr/month	\$ 7.5500
DEFT	E-H-I60-DEFT	Default charge where TOU meter is required but not installed	\$/kWh	\$ 0.0890
DGEN	E-H-I60-DGEN	Distributed generation export variable charge	\$/kWh	\$ 0.0000

#### Rotorua/Taupo

Rotorua/Taupo Industrial Price Codes – I60				
Price Option	Price Code	Description	Units	Price 1 April 2017
	F-R-I60-xxx	Capacity >=1MVA. Individually priced	\$/day	\$ POA
KVAR	E-R-I60-KVAR	Power Factor charge	\$/kVAr/month	\$ 7.5500
DEFT	E-R-I60-DEFT	Default charge where TOU meter is required but not installed	\$/kWh	\$ 0.0850
DGEN	E-R-I60-DGEN	Distributed generation export variable charge	\$/kWh	\$ 0.0000

## 13. Distributed Generation

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### 13.1 Distributed generation

Where distributed generation is connected to the distributor's network, kWh being exported onto the distributor's network must be submitted to the distributor under the price option specified in *point 3.4*.

The format the data is submitted must match the format of the ICPs other submitted data, e.g. either EIEP1 or EIEP3 format.

For clarity, export onto the distributor's network, and consumption off the distributor's network, are to be reported separately under the relevant price options (i.e. they should not be netted off).

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## 14. Billing and Settlement Process

**14.1 General** To achieve an efficient billing and settlement process both the distributor and retailer recognise that the timely supply of accurate information facilitates the process of calculating accurate delivery charges and providing these to retailers.

**14.2 Retailer’s responsibility for points of connection**

**14.2.1 Responsibilities**

When establishing or altering the physical status of a point of connection the retailer will adhere to the processes set out in the Use of System Agreement and any relevant Unison policy.

The distributor will maintain a database of points of connection. This database will be:

- referenced by installation control points, and
- aligned to the information held by the Registry appointed under the Code to identify:
  - which retailer is responsible for an installation control point, and
  - the status of the point of connection.

The retailer may request, for all installation control points where the distributor has the retailer listed as being responsible, an electronic copy of the relevant part of the database.

**14.2.2 Monthly Data Provision and Billing Timeline**

The table below lists the monthly data provision and billing timelines.

Billing Timeline	Data Provision
Fifth (5 <sup>th</sup> ) working day of the month	Traders provide consumption data in EIEP1 and EIEP3 format.
Sixth (6 <sup>th</sup> ) working day of the month	Traders to provide EIEP4 CUSIN file.
Tenth (10 <sup>th</sup> ) working day of the month	Invoices produced for traders and direct customers.

Each trader must provide consumption data for the month to be billed on or before the fifth (5<sup>th</sup>) working day of the following month. This data is to be submitted through the secure Electricity registry portal.

The data should be provided in one of the following preferred formats:

- incremental normalised format
- replacement normalised methodology, or
- incremental replacement normalised methodology.

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## Billing and Settlement Process, Continued

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### 14.2 Retailer's responsibility for points of connection (cont)

The data is adjusted to reflect a start and end date that matches the start and end date of the month to be billed. This must be compliant with the Electricity Authority EIEP1 and EIEP3 protocols.

Retailers may not switch between submission types without consultation with, and approval by, the distributor.

If a trader has not submitted a compliant file by the fifth (5<sup>th</sup>) working day of the month, Unison may estimate volume for those ICPs.

Unison will calculate monthly line charges based on the consumption data provided by each trader, or where these are unavailable, using the volumes estimated by Unison as detailed below.

For any active ICPs where consumption data is:

- not provided
- incomplete
- materially incorrect, or
- not in compliant format.

Unison may estimate consumption for that month based on historical consumption data for the ICP in question.

Unison will provide an output file of all amounts invoiced with each invoice issued. The detail file will be in the relevant Electricity Authority EIEP file format.

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### 14.3 Revision cycles

Both the distributor and the retailer recognise the cyclical nature of meter reading makes it impractical to provide completely accurate figures for consumption for each point of connection within the timeframe required for payment of delivery charges. It is, therefore, necessary to provide a structure for subsequent revisions of prior billed periods.

Each revision cycle will account for changes in fixed and variable line charges due, based on retailer switches, status changes and replacement data submitted by retailers.

The retailer may submit replacement data up to 14 months from the consumption month to which the replacement data relates.

Where the distributor reasonably considers an additional revision cycle is required, it may, at its discretion or the request of the distributor, perform an additional month's revision in addition to the three (3), seven (7) and 14 month revisions.

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## Billing and Settlement Process, Continued

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### 14.4 Data submission

Consumption data must be submitted by the retailer for each end-consumer using:

- a price option within a price category in accordance with the Pricing Policy, and
- the tables containing Unison Electricity Distribution Delivery Prices that are in effect and published on Unison's website [www.unison.co.nz](http://www.unison.co.nz).

Each monthly volume quantity submitted will incorporate for each ICP a volume for each meter register code as per the price options.

Where a customer submits data against a charge, which does not appear in the current published pricing schedule as found at [www.unison.co.nz](http://www.unison.co.nz), these quantities will be charged at the projected rate for the price category, which the distributor deems appropriate, at the distributor's sole discretion.

Examples of data which will be charged at the projected rate include (but are not limited to):

- data submitted under a price option code which does not apply to the end-consumer's price category (e.g. AICO data submitted for a MC1 end-consumer), and
- data submitted under unapproved combinations (e.g. data being submitted for a M11 end-consumer under both the AICO and CTRL price options).

#### Note

As outlined in *Section 4*, where an end-consumer is required to have a TOU meter but does not, the Default price option will apply.

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## Billing and Settlement Process, Continued

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### 14.5 Under- payment recovery charge

Underpayment recovery charge applies if, (notwithstanding and independent of the procedure for selection of a price category or price option set out in *point 5.1*) at any time the distributor is satisfied (acting reasonably) that a price category or price option has been at any time incorrectly allocated to an end-consumer's ICP (that is, the end-consumer or its ICP does not meet the criteria for the price category or price option which has been allocated) and as a result the customer has underpaid the distributor.

The distributor:

- may charge the customer any underpayment by the customer for the incorrect allocation. Interest is calculated at the interest rate on the first day of the period the price category and price option was incorrectly allocated for the period from such day to the date of payment of the charge (such charge and interest being referred to in this Pricing Policy as the Underpayment recovery charge)
  - may move the end-consumer from the incorrect price category or price option to the appropriate price category or price option, and
  - adjust the delivery charges historically accordingly.
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## 15. Other Charges

**15.1 Charges** All charges below will be invoiced directly to the customer.

All non-distribution network fault work or customer services not listed below will be charged to the customer on a time and materials basis at market rates.

Price Category Change Fee	Charge \$
May be payable, at the sole discretion of the distributor, by the customer when an end-consumer's price category or price option within the residential/small commercial end-consumer's price category or price option is changed more than once in any 12 month period.	\$30 per end-consumer's point of connection (payable for the second and each subsequent instance).

Fixed Charge Recovery Fee	Charge \$
Payable by the customer when either:	
An end-consumer's price category is changed more than once in any 12 month period when the end-consumer has at any time during that 12 month period been allocated to any of the MC1, MC2, MC3, MC5, MC6, MC7, MC8, MC9 or I60 price categories.	<p>Calculated as the difference between:</p> <ul style="list-style-type: none"> <li>the fixed charges due over the 12 month period if the end-consumer had been in the higher price category for the entire twelve month period</li> </ul> <p><b>and</b></p> <ul style="list-style-type: none"> <li>the fixed charges actually charged to the customer over the 12 month period.</li> </ul> <p>The charge will be applied using the prices current on the date that the second or subsequent price category change was made.</p>
An ICP is disconnected for seasonality reasons and reconnected in any 12 month period where that ICP has at any time during that 12 month period been allocated to any of the MC1, MC2, MC3, MC5, MC6, MC7, MC8, MC9 or I60 price categories.	The fixed charges due over the 12 month period if the end-consumer had not seasonally disconnected.
This charge applies at the distributor's sole discretion.	

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## Other Charges, Continued

### 15.1 Charges (cont)

Non-Network Fault Callout Fee	Charge \$
<p>Payable when a customer requests a fault service call that, upon investigation, is determined to be a non-network fault (i.e. a fault on the end-consumer's equipment). A repair option may be offered directly to the end-consumer and, if accepted, costs including the callout charge will be recovered from the end-consumer.</p>	<p>Time and materials basis at market rates.</p>
Energising Fee	Charge \$
<p>This charge is payable when the distributor energises a new end-consumer's point of connection for the first time, by inserting the fuse, or re-energises the point of connection where the end-consumer's equipment has been materially modified.</p>	<p>\$30 per end-consumer's point of connection</p>
Communications Fee	Charge \$
<p>This is payable where the customer chooses not to request services from the distributor using the distributor's electronic communication process and instead uses email and fax communication. The charge will not be charged until the distributor has made the electronic communication process available for use.</p>	<p>\$15 per inbound request</p>
Ad hoc Reporting Fee	Charge \$
<p>Payable where a customer requests an ad hoc report that is not generally supplied by the distributor.</p>	<p>\$90 per hour or such other fee as may be agreed.</p>
Data Management Fee	Charge \$
<p>This charge is payable where data required from the customer to the distributor does not comply with the requirements of the Network Agreement. The customer will be charged based on the actual time spent by a billing analyst to review, correct, validate and reconcile the information.</p>	<p>\$90 per hour</p>

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## Other Charges, Continued

### 15.1 Charges (cont)

Load Management Fee	Charge \$
Unless otherwise agreed with the customer, the distributor will provide load controlling and load shifting between Grid Exit Points on a case-by-case basis.	To be negotiated

Power Factor Assessment Fee	Charge \$
Payable by the customer where the customer or end-consumer requests an assessment of the end-consumer's power factor.	Time and materials basis at market rates.

Capacity Change Fee	Charge \$
<p>In the event an end-consumer requires a capacity increase, and the capacity of the ICP has been decreased within the preceding two years, the customer will be required to back pay up to two years at the highest price that has applied during that two year period.</p> <p>The distributor may waive this requirement or shorten the time period to which back payments apply, at the distributor's sole discretion, if the distributor believes that there has been a genuine change in end-consumer at the ICP during this two year window.</p>	Individually priced

## 16. Loss Factors

### 16.1 Hawke's Bay

The table below shows the loss factor per price category for Hawke's Bay.

Price Categories	Loss Factor	Code
U01, U02, U03, G11, G12, M11, M12, DNR, NDH, NDL, TLU, THU, TCU, T1P, T3P, MC1, MC2, MC3	1.0572	H3L
MC5, MC6, MC7, MC8, MC9	1.0433	H3M
I60	1.0158	H3H

### 16.2 Rotorua/Taupo

The table below shows the loss factor per price category for Rotorua/Taupo.

Price Categories	Loss Factor	Code
U01, U02, U03, G11, G12, M11, M12, DNR, NDH, NDL, TLU, THU, TCU, T1P, T3P, MC1, MC2, MC3	1.0634	R3L
MC5, MC6, MC7, MC8, MC9	1.0397	R3M
I60	1.0177	R3H
I60-1	1.0299	R3I

## Appendix A – Summary of Document Changes

Date	Version No.	Changes to Document	Creator	Authoriser	Approver
25/09/2006	1.0	New format, new methodologies and new rates to take effect 1 Dec. 2006.	Commercial Analyst	GM Finance & Commercial	Chief Executive
12/10/2006	1.1	Changes only to Rotorua/Taupo region. Mass Market rates, methodology and structure adjusted back to as applied from 1 April 2006. Changes to proposed Large Commercial rates.	Commercial Analyst	GM Finance & Commercial	Chief Executive
31/01/2007	1.2	New rates effective 1 Apr 2007. Updated pricing methodology described further in section 15.	Commercial Analyst	GM Finance & Commercial	Chief Executive
19/04/2007	2.0	Made tables bigger and easier to read, made the power factor charges more obvious in the policy.	Commercial Analyst	GM Finance & Commercial	Chief Executive
25/01/2008	3.0	Updated tables with new rates effective 1 April 2008. Removed 100kVA dedicated transformer charges. Removed Disconnection/Reconnection rates from other charges.	Commercial Analyst	GM Finance & Commercial	Chief Executive
03/03/2009	4.0	Renamed document & Updated tables with new rates effective 1 April 2009.	Commercial Specialist	Commercial Manager	Chief Executive
31/03/2010	5.0	Introduced new commercial, seasonal and TOU Tariffs. New rates to take effect 1 April 2010.	Commercial Specialist	Commercial Manager	Chief Executive
07/04/2010	5.1	Section 13 Loss Factors – addition of the new price categories to the Loss Factor tables in 13.1.1.	Commercial Specialist	Commercial Manager	Chief Executive
31/1/2011	6.0	Revised the residential TOU controlled thresholds, lowered the TOU tariff threshold, New rates to take effect 1 April 2011.	Customer Pricing & Billing Manager	Commercial Manager	Group Chief Executive
31/1/2012	7.0	New rates to take effect 1 April 2012. Inclusion of DEFT rates and TCU TOU price category. Removal of L40 price category.	Pricing Analyst	GM Pricing and Regulatory	Group Chief Executive
31/1/2013	8.0	New Policy Format. Distributed generation requirements added. MC4 price category replaced by MC5-MC9.	Pricing Analyst	GM Pricing and Regulatory	Group Chief Executive

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## Appendix A – Summary of Document Changes, Continued

Date	Version No.	Changes to Document	Creator	Authoriser	Approver
26/03/2014	9.0	Limits for unmetered supplies. AICO closed to new installations and alterations to existing installations.  Eligibility checks for DNR installations.	Pricing Analyst	GM Business Assurance	Group Chief Executive
30/03/2015	10.0	Alteration to Section 5, change of ICP details.  Include tariffs in tariff code tables. Addition of Section 15 to cover billing requirements.	Pricing Analyst	GM Business Assurance	Group Chief Executive
30/03/2016	11.0	Replacement of the word 'tariff' with 'price' as recommended by ENA Distribution Pricing Working Group.  Non-Domestic price category renamed to the General price category.  AICO price option closed for General price category.  Introduction of the G11 and G12 Generation price categories.  Introduction of a fixed daily charge to the U03 Unmetered price category.	Pricing Analyst	GM Business Assurance	Group Chief Executive
21/03/2017	12.0	Eligibility for DG connections extended to include THU and TLU.  CTRL, CTUD and NITE price options included to G11 and G12 categories.  Updated prices to those applying from 1 April 2017.	Pricing Analyst	GM Business Assurance	Group Chief Executive