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CL-CM0002
Centralines' Pricing Policy and Schedules for 2020 to 2021

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CL-CM0002 Centralines' Pricing Policy and Schedules for 2020 to 2021

Overview

Document status

Draft ☐ **In Service** ☒ Under Review ☐ Archived ☐

Document purpose

The purpose of this policy is to explain the application of Centralines Limited's (Centralines)' delivery prices and other use of system charges effective from 1 April 2020. This policy applies in conjunction with the current use of system agreements between Centralines and retailers.

This policy only applies to delivery prices and other service charges. Delivery prices include a component relating to:

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

These delivery prices make up the basis for Centralines' charges to electricity retailers in respect of distribution services to connected consumers that are the customers of electricity retailers. Charges billed by electricity retailers to customers include:

- an allowance for the costs associated with Centralines' delivery charges, and
- other costs retailers incur relating to electricity generation, metering and customer.

Intended audience

This document applies to all retailers on the Centralines' distribution network.

Document contributors

Contributors	Name and Position Title	Approval Date
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Key dates

Published Date 06/03/2020

Renewal period - yearly

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Overview, Continued

Related references

Legislation

- Electricity (Low Fixed Charge Tariff Option for Domestic Consumers) Regulations 2004
- Electricity Distribution Information Disclosure Determination 2012 (consolidated in 2018)
- Goods and Services Tax Act 1985
- Electricity Industry Act 2010
- Consumers Guarantees Act 1993
- Electricity Distribution Services Default Price-Quality Path Determination 2020
- Electricity Industry Participation Code 2010

Other References

The electricity distribution delivery prices specified on Centralines' website www.centralines.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 2020. Where there is a discrepancy between the published prices and those included for information purposes in this pricing policy, the prices published in Centralines' schedule of electricity distribution prices rates prevail.

Clarification

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Overview, Continued

Content This document contains the following topics:

1. Definitions/Abbreviations

Anytime Maximum Demand (AMD)	AMD is a measure of consumers' peak use of Centralines' network at any time in a given month. It is measured in kilowatts (kW). Centralines calculates AMD by multiplying by two the energy in kilowatt-hours (kWh) Centralines delivers over the half hour period when the consumer's peak use of Centralines' network occurred in that month.
Centralines	Centralines Limited
Connection	Refer to ICP definition.
Consumer	The end-user of the line function services network.
Consumption data	Data provided to Centralines by the retailer over time. The data tells Centralines how much electricity they estimated or read (measured) that their end users consumed on Centralines' distribution network.
Controlled price option or controlled price	A price option available where consumers have a meter installation. It allows Centralines to control the volume and timing of part or all of electricity used and recorded against a metering channel. Refer to the definition load management services definition and *point 2.6* for the types of use that may be controlled under these price options.
Customer	A direct customer of Centralines' receiving line function services or a retailer whose end-customers use Centralines' (the distributor) network.
Delivery charges	The charges set and collected by Centralines as the distributor for the use of its network as laid out in this Pricing Policy.
Demand	The rate at which electricity is being used expressed in kilowatts (kW).
Distributor	Centralines is the distributor. Centralines owns and operates the distribution network that delivers the electricity covered by this policy.
DG	Distributed Generation – see below for definition of embedded or distributed generation.

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Definitions/Abbreviations, Continued

Electricity Industry Participation Code	The rules made by the Electricity Authority under section 36 of the Electricity Industry Act 2010 as amended from time-to-time.
Embedded generation or distributed generation	Electricity generation that is connected and distributed within Centralines' network.
General consumer	Consumer who qualifies for the CH2L or CH2H price category.
Goods and Services Tax (GST)	GST as defined in the Goods and Services Tax Act 1985.
Grid Exit Point (GXP)	A point of connection where Centralines' network connects to, and receives electricity from the national transmission system run by Transpower.
Half hourly meter	Metering that measures electricity consumption every half hour. These meters must comply with part 10 of the Electricity Industry Participation Code. The meter may or may not measure kVArh.
High Voltage (HV)	A voltage exceeding 1000V a.c. or 1500V d.c on the network. It includes both 11kV and 33kV systems.
Installation Control Point (ICP)	Point of connection on the Centralines' network, which: • the distributor nominates as the point a consumer is deemed to be supplied electricity, and • has the attributes set out in the Electricity Industry Participation Code 2010.

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Definitions/Abbreviations, Continued

Interest rate	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): • at or about 10:45am on that day as the bid rate for three-month bank accepted bills of exchange, or • 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 10:45am 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.
kVA	Kilovolt Amp – a unit of measure for how much power is being provided through a business or home electrical circuits or technology.
kVAh	Kilovolt Amp hour – an hourly measure of the kVAr described above.
kVAr	Kilovolt-Amps reactive – a measure of how efficiently power flows or is used between Centralines' network and consumers technology. It measures the lag between the: • flow (current) of electricity, and • pressure (voltage) of that flow along a consumer's electrical circuit.
kVArh	Kilo Volt-Amps reactive hour
kW	Kilowatt (1000 x watts) – a unit of measure of power or electricity.
kWh	Kilowatt hour – the amount of electricity consumed in an hour.
Load control equipment	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 a consumer's premises for the purpose of receiving Load Management Service signals.
Load management service	Providing a signal for the purpose of reducing or interrupting delivery to all or part of a consumer's premises. This includes, as an example, but without limitation, delivery to a water heater.

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Definitions/Abbreviations, Continued

Low Voltage (LV)	Any voltage exceeding 50V a.c. or 120V ripple free d.c but not exceeding 1000V a.c. or 1500V d.c. – usually 400/230V.
Network agreement	Agreements between Centralines and parties that use Centralines' network, including 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. It also includes any other agreement between Centralines and a customer covering their use of Centralines' network.
Off Peak consumption	Kilowatt-hour (kWh) consumed, excluding separately metered controlled load, during hours not covered by the definition of on peak consumption.
On Peak consumption	How much energy a consumer uses between the hours of 7 am and 11 am, and 5 pm and 9 pm on all days of the year. Consumption is measured in Kilowatt-hour (kWh). This excludes consumption under a separately metered controlled load.
On Peak Demand (OPD)	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 where the charges apply.
Price category	A category of charges identified as a price category in Centralines' Pricing Policy. Price category defines the delivery charges applicable to a particular group of ICP's with a common capacity need or usage behaviour.
Price option	The price option within a price category that gives consumers a choice of how the energy they consume is collated and charged. The options available are usually determined by the configuration of metering and load control equipment used by the consumer.
Pricing policy	Pricing Policy and Schedules 2020 to 2021 (this document).

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Definitions/Abbreviations, Continued

Residential consumer	A consumer where the connection to the network supplies premises that are used or intended for occupation by a person principally as a place of residence.
Retailer	The supplier of electricity to consumers with installations connected to Centralines' network.
Stand-alone costs	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.
Standard meter	Has the same meaning as standard accumulative type meter. These types of meters measure the accumulation of energy over time, rather than the amount of energy for a particular period.
Time of Use (TOU) meter	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.
Transmission charge	The charge incurred by Centralines for transmission of electricity from the national grid operated by Transpower to Centralines' network. The transmission enables Centralines to deliver power to users of its network. In this document this term also has the meaning defined under Recoverable Costs in Part 3 of the Electricity Distribution Services Input Methodology Determination 2012 dated 29 January 2020. It excludes loss and constraint excesses rebated to the distributor in respect of the distributor's network
Use of Service Agreement (UoSA)	Agreement between Centralines and parties that use Centralines' network.
Weekday	Monday to Friday (including New Zealand public holidays).
Working day	Monday to Friday (excluding New Zealand public holidays).

2. Conditions Common to All Pricing Groups

2.1 General conditions

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

All charges are exclusive of GST.

Times stated are New Zealand daylight time unless otherwise specified.

2.2 Consumer discount

Centralines will offer a discount to all eligible consumers in the 2020-21 year that wish to take it up.

The level of discount was determined prior to price setting and amounts to a rate of 0.1978 c/kWh for consumers that meet the eligibility criteria. Consumption for the period is measured for the full year from 1 April 2020 and excludes Temporary connections and Unmetered connections. There is a minimum discount of $55.00 and a maximum of $5,850.00.

The discount will be paid through a credit on their retail power bill with the intention of this occurring in May 2021.

Consumers that elect not to take up the discount are requested to contact Centralines to confirm this intention.

2.3 Extent of charges

All delivery prices exclude the provision of metering equipment or load control equipment located at the consumer's ICP to the distributor's network.

For the purpose of calculating delivery charges, the loss factors are not applied to the measured or calculated energy conveyed to consumers' ICP.

Total delivery prices are the summation of components relating to both transmission and distribution. Pricing tables can be found in Centralines Electricity Distribution Delivery Prices: Effective 1 April 2020 document published on Centralines' website www.centralines.co.nz.

Note
Where there is a discrepancy between the published prices and those included for information purposes in this pricing policy, the prices published in Centralines' schedule of electricity distribution prices rates prevail.

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Conditions Common to All Pricing Groups, Continued

2.4 Time zone and seasonal 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

2.5 Price category eligibility based on kVa of connection

The price categories and price options for which a consumer is eligible are determined, in part, by the capacity measured in kVA of the consumer's connection. The tables below set out the capacity range in kVA for residential and non-residential connections. This is based on the number of electrical phases and amps per phase of the connection. From these tables eligible price categories and price options can be determined. These tables are used to allocate connections with the correct price category and price options.

Note
Where a given kVA of connection relates to multiple eligible price categories or price options, the consumer must meet additional criteria to qualify for a given price category and price option. These additional criteria are set out in the relevant price category section of this Pricing Policy.

Residential			
Phases	**Amps per Phase**	**kVA for Connection**	**Eligible Price Categories**
1	<=60	14	CH1, CH1G, CH1T, CH2R, CH2G, CH2T
2	<=60	28	
3	<=20	14	
3	<=30	21	
3	<=40	28	

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Conditions Common to All Pricing Groups, Continued

2.5 Price category eligibility based on kVa of connection (cont)

Non-Residential			
Phases	**Amps per Phase**	**kVA for Connection**	**Eligible Price Categories**
1	<=60	14	CH2L, CH2H, CH2G
2	<=60	28	
3	<=20	14	
3	>20 and <=400	>14 and <=276	CH2I
3	>20 and <=100	>14 and <=69	CH3
3	>100 and <=200	>69 and <=138	CH4
3	>200 and <=400	>138 and <=276	CH5
3	>400 and <=630	>276 and <=435	CH6
3	>630	>435	CH7 to CH12

2.6 Controlled load

Load which might be controlled by the distributor providing the load management service includes:

- 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 consumer's demand. These appliances must be controlled without increasing the 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:

- consumer's response to a load control event on at least an annual basis, and

- presence of load control equipment associated with the controlled load.

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 Centralines CH1 24UC price code is used,
E-C-CH1-24UC.

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

Digit	What it Shows	Example
First digit	**Fixed or Variable Charge** Specifies whether the charge is fixed or variable. • E denotes a variable charge. • F denotes a fixed charge.	Variable charge. **E**-C-CH1-24UC Fixed charge **F**-C-CH1
Third digit	**Region** Denotes the network.	E-**C**-CH1-24UC
Digits 5 to 7	**Price Category** Specifies the price category.	E-C-**CH1**-24UC
Digits 9 to 12	**Price Option** Denotes the price option chosen from those available within that price category for different metering configurations.	E-C-CH1-**24UC**

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-C-CH1**.

3.2 Regional network codes

Centralines network contains only one region.

Region	Code
Centralines	C

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Explanation of Price Codes, Continued

3.3 Price category code

The table below lists each category code.

Price Category	Price Category Code
Residential – Low Fixed Charge	CH1
Residential – Standard	CH2R
Residential – Low Fixed Charge – Time of Use	CH1T
Residential – Standard – Time of Use	CH2T
Distributed Generation – Low Fixed Charge	CH1G
Distributed Generation – Standard	CH2G
General – Low User	CH2L
General – High User	CH2H
Designated Irrigator (up to 276 kVA)	CH2I
Commercial > 14 and <= 69 kVA	CH3
Commercial > 69 and <= 138 kVA	CH4
Commercial > 138 and <= 276 kVA	CH5
Commercial >276 and <= 435 kVA	CH6
Individually priced > 435 kVA	CH7 to CH12
Temporary Supply	T1P
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 lists the price option codes.

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
Off peak variable charge	OFPK
On peak variable charge	ONPK
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
Distributed generation: export variable charge	DGEN

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Explanation of Price Codes, Continued

3.5 Valid register content codes

To ensure the price options are validly applied, the corresponding content code shown in the table of *point 3.4* for key options should be entered into the registry. These codes match the eligibility criteria for given price options as outlined in *Section 4*.

Retailers and their meter equipment providers (MEPs) are responsible for ensuring that only valid register content codes that align with Centralines' eligibility criteria for given price options are used.

Where MEPs propose a correction to an ICP's register content, evidence must be provided that the eligibility criteria for the new register content code have been met.

Price Option Description	Price Option Code	Register Content Code
Uncontrolled variable charge	24UC	UN24
All inclusive variable charge	AICO	IN17
Controlled variable charge	CTRL	CN17
Day variable charge	CTUD	D16
Night variable charge	NITE	N8

4. Description of Consumer Price Options

4.1 Price options

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

4.2 All Inclusive (AICO)

Option Code: All Inclusive – AICO

This price option was **closed for new consumer connections** from 1 April 2014.

The AICO price option can apply to existing connections where:

- load control 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 price for both controlled and uncontrolled consumption.

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

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Description of Consumer Price Options, Continued

4.2 All Inclusive (AICO) (cont)

Load that may be controlled is specified in *point 2.6.*

The AICO price option commonly applies where there is a hot water cylinder connected to ripple load control equipment that allows electricity supply to the cylinder to be controlled by the distributor's load management system. Other loads continue to receive continuous uncontrolled supply, even during control periods, and all electricity consumed is measured by one meter.

Eligibility for the AICO prices within the price categories is conditional on the consumer having a significant portion of connected load that can be controlled by the:

- distributor's load management system, **and**
- load control equipment on the consumer's premises being operational.

AICO price option can only apply to consumers, where:

- there is only one single register meter, **or**
- there are two single register meters where the second is a 24UC meter. For example, the AICO meter may be supplying the house while the 24UC meter is supplying a pump on the same ICP, **or**
- there are two single register meters where the second meter is a NITE meter, **and**
- there is only one point of connection, **and**
- the 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.

While AICO is currently a price option, the intention is that, in the future, this option will be removed. In the future, for a consumer to qualify for any price codes requiring the provision of a controlled load, a meter capable of separately metering a controlled load will be required.

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Description of Consumer Price Options, Continued

4.3 Controlled (CTRL)

Option Code: Controlled – CTRL

Eligibility for the CTRL price option within the price categories is conditional on the 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 2.6*.

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.

4.4 Night (NITE)

Option Code: 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 to 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 11 pm and 7 am.

4.5 Day (CTUD)

Option Code: 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 – 11 pm.

4.6 Uncontrolled (24UC)

Option Code: Uncontrolled – 24UC

The 24 hour uncontrolled variable charge where there is no load control or time limitation applied to the register.

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Description of Consumer Price Options, Continued

4.7 TOU On Peak (ONPK)

Option Code: 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*.

4.8 TOU Off Peak (OFPK)

Option Code: 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*.

4.9 Projected (PROJ)

Option Code: Projected – PROJ

Applies either where:

- data has not been submitted, or
- data has been submitted under a price option not included in the pricing tables in Centralines' Electricity Distribution Delivery Prices Effective 1 April 2020 document (published on Centralines' website at www.centralines.co.nz) and as outlined in *point 14.4*.

4.10 Default (DEFT)

Option Code: Default – DEFT

A consumer allocated to the CH5, CH6, CH7, CH8, CH9, CH10, CH11 or CH12 price category must have a TOU meter installed. Where a consumer does not have a TOU meter installed, it is in breach of the distributor's Pricing Policy. The distributor reserves the right, at their sole discretion, to not approve any connection or disconnect any existing connection of that consumer.

Where a consumer is required to have a TOU meter, but does not, the Default (DEFT) variable charges will apply as well as any other applicable charges.

For clarity, where a consumer allocated to the CH5, CH6, CH7, CH8, CH9, CH10, CH11 or CH12 price category does have a TOU meter installed the DEFT variable charge will not apply.

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Description of Consumer Price Options, Continued

4.11 Power Factor charges (KVAR)

Option Code: Power Factor Charges – KVAR

Consumers connecting to Centralines' 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.

Power Factor charges apply to CH2I, CH3, CH4, CH5, CH6, CH7, CH8, CH9, CH10, CH11 and CH12 price categories where:

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

4.12 Summer on Peak Demand (SOPD)

Option Code: Summer on Peak Demand – SOPD

Charges calculated by reference to the On Peak Demand (OPD) and apply during the summer months.

OPD is measured as the true power in kilowatts (kW). It 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 where the charges apply.

4.13 Winter on Peak Demand (WOPD)

Option Code: Winter on Peak Demand – WOPD

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

4.14 Anytime Maximum Demand (DMND)

Option Code: Anytime Maximum Demand – DMND

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

AMD is defined 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 the charges apply.

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Description of Consumer Price Options, Continued

4.15 Distributed Generation (DGEN)

Option Code: Distributed Generation – DGEN

Distributed Generation measured as the kWh exported onto the distributor's network.

Centralines requires all DG connections to have metering compliant with Part 10 of the Code that records electricity exported to the network for the purpose of network planning and safety. Export data must be submitted to Centralines against the DGEN price option, even where no charge applies.

5. Selection of Price Category and Price Category Switching

5.1 Selection and switching of price category

The criteria and process for the selection and changing of price category and price option are set out in Section 10 of Centralines' UoSA that has been negotiated with the retailer. Any retailers not yet party to the standard UoSA, can find the Standard UoSA on Centralines public website www.centralines.co.nz

6. Unmetered Pricing

6.1 Introduction

The price categories in this section apply to consumers whose consumption is not metered and complies with the requirements for unmetered consumption under Part 15 of the Code. Delivery charges contain fixed and/or variable prices.

6.2 Unmetered line charges – Consumption determination

6.2.1 Unmetered Supply (Other than Streetlights)
Consumption will be determined on a case-by-case basis, dependent on load profile.

A minimum monthly charge of 0.5kW multiplied by the night hour's table will apply to all ICPs.

6.2.2 Unmetered Streetlights
Consumption will be determined by multiplying the input wattage by a load factor, and the number of night hours as given by either:

- the tables below, or
- the use of a data logger installed to measure the on and off periods.

A minimum load factor of 10% will be applied to the input wattage. The customer must maintain a database recording the input wattage of unmetered streetlights in accordance with the requirements of Part 15 of the Code.

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

6.3 Limits for unmetered supplies

A customer must quantify any unmetered load. They may only treat the load as unmetered if it reasonably expects, in any rolling 12 month period:

- the load will not exceed 3,000 kWh or 6,000 kWh, and
- 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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Unmetered Pricing, Continued

6.4 Unmetered supplies and street lighting price option codes

The table below lists the various unmetered supplies and street lighting price option codes.

Unmetered Price Category – U01, U02 or U03			
Price Code	**Description**	**Units**	**Price 1 April 2020**
F-C-U02	Unmetered supply (street lighting) fixed charge	$/fixture/ day	$ 0.1500
F-C-U03	Unmetered street lighting fixed charge (data logger)	$/fixture/ day	$ 0.1500
E-C-U01-UNMT	Unmetered supply (other than street lighting) variable charge	$/kWh	$ 0.2100
E-C-U02-UNMT	Unmetered street lighting variable charge (night hours table)	$/kWh	$ 0.0400
E-C-U03-UNMT	Unmetered street lighting variable charge (data logger)	$/kWh	$ 0.0400

7. Temporary Supply Pricing

7.1 Introduction

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

All Temporary Supplies must have a metered connection.

The conversion of the Temporary Supply price category into any other price category (including when the building is complete and the premise is to be occupied) will not count as the first price category. The purpose of this is to assess the possible application of the Price Category Change Fee (see *point 15.2*) at a future date.

7.2 Temporary supply price option codes

The table below lists temporary supply price option codes.

Temporary Supply – T1P				
Price Option	**Price Code**	**Description**	**Units**	**Price 1 April 2020**
	F-C-T1P	Temporary supply, fixed charge	$/day	$ 1.5500
24UC	E-C-T1P-24UC	Temporary supply, uncontrolled variable charge	$/kWh	$ 0.1383
PROJ	E-C-T1P-PROJ	Temporary supply, projected variable charge *Cannot be selected by a customer*	$/kWh	$ 0.1383

8. General Conditions for Residential and General Consumers

8.1 Introduction

Both fixed and variable prices apply to all residential or general consumers.

8.2 Price options

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 load connected to the customer's load control equipment and the meter configuration. For each variable pricing component there will be a unique price option that matches the setup for each meter or meter register.

TOU price options are available to Residential and General consumers. They provide consumers an incentive to actively manage their consumption and when it occurs. The option uses half hourly meter data so Centralines can charge based on when, not just how much users consume. It allows Centralines to reward their consumers for reducing their load on the network during peak times.

Retailers must obtain Centralines' approval before selecting or switching customers to TOU options. The ICP must have a half hourly meter. Centralines requires the consumer to be assigned a retail price plan that contains material, consistent, time-based incentives for consumers to shift consumption from the On Peak pricing periods. Centralines' approval is at its sole discretion.

For the avoidance of doubt, retailers must assign all consumers on the nominated retail price plan to the TOU price option. Centralines will not:

- accept requests to switch customers to the TOU plan without any change to consumer pricing structures, or
- accept only a proportion of customers on a nominated retail price plan being on a TOU plan and the remaining proportion on legacy plans (e.g. CH1 or CH2R).

Retailers will also need to provide EIEP1 data for billing and be able, on request, to provide the half hour data to verify that EIEP1 data, within a reasonable timeframe.

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 on a case-by-case basis. Approval must be gained from the distributor by the customer for the application of the pricing combination before it can be applied:

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

9. Residential Pricing

9.1 Introduction

The following charges apply to consumers where the ICP serves a place of residence that is not normally a place of business. Temporary Supplies do not qualify for this group.

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

Price Category	Description
CH1	Principal place of residence, low fixed charge (may have DG connected if installed prior to 1 April 2016).
CH2R	Principal place of residence (may have DG connected if installed prior to 1 April 2016).
CH1T	Principal place of residence, TOU, low fixed charge.
CH2T	Principal place of residence, TOU.
CH1G	Principal place of residence, low fixed charge with DG installed after 31 March 2016.
CH2G	Residential and general connections with DG installed after 31 March 2016.

The residential price categories are only available if the 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 consumer or any other entity, **and**
- is the principal place of residence of the consumer (for example, it is not a holiday home), **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 a building that is ancillary to the consumer's principal place of residence (for example, a shed, pump or garage) that is separately metered, **and**
- is not exempt from the low fixed charge price category coverage under an exemption granted by the Electricity (Low Fixed Charge Tariff for Domestic Consumers) Regulations 2004 (as amended from time to time).

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Residential Pricing, Continued

9.2 Residential low user: price category CH1

9.2.1 Overview

This price category applies to an ICP for a consumer's principal place of residence and DG has not been connected after 31 March 2016. A low fixed charge applies to this category complying with the low fixed charge regulations. Annual total delivery charges for consumers using less than 8,000 kWh per annum will be less than for the equivalent standard residential price category.

If at any time the distributor is satisfied (acting reasonably) that the Low Fixed Charge price category has been incorrectly allocated to a consumer's ICP (that is, the 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 (refer to *point 14.5*)
- move the relevant consumer from the Low Fixed Charge price category to the appropriate price category, **and**
- adjust the delivery charges historically accordingly.

This price category consists of a fixed daily charge plus one or more variable $/kWh charges.

9.2.2 Residential Low Fixed Charge Price Option Codes

The table below lists the residential lower fixed charge price option codes.

Residential Low Fixed Charge Price Codes – CH1				
Price Option	**Price Code**	**Description**	**Units**	**Price 1 April 2020**
	F-C-CH1	Fixed charge	$/day	$ 0.1500
24UC	E-C-CH1-24UC	Uncontrolled variable charge	$/kWh	$ 0.1960
AICO	E-C-CH1-AICO	All inclusive variable charge	$/kWh	$ 0.1670
CTRL	E-C-CH1-CTRL	Controlled variable charge	$/kWh	$ 0.1240
NITE	E-C-CH1-NITE	Night variable charge	$/kWh	$ 0.0650
CTUD	E-C-CH1-CTUD	Day variable charge	$/kWh	$ 0.2520
PROJ	E-C-CH1-PROJ	Projected variable charge *Cannot be selected by a customer*	$/kWh	$ 0.1960
DGEN	E-C-CH1-DGEN	Distributed generation export variable charge	$/kWh	$ 0.0000

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Residential Pricing, Continued

9.3 Residential standard: price category CH2R

9.3.1 Overview

This price category applies to an ICP for consumers' principal place of residence and DG has not been installed after 31 March 2016. Annual total delivery charges for consumers using more than 8,000 kWh per annum will be less than for the equivalent low fixed charge residential price category.

This price category consists of a fixed daily charge plus one or more variable $/kWh charges.

9.3.2 Residential Standard Price Option Codes (CH2R)

Residential Standard Price Codes – CH2R				
Price Option	**Price Code**	**Description**	**Units**	**Price 1 April 2020**
	F-C-CH2R	Fixed charge	$/day	$ 1.4000
24UC	E-C-CH2R-24UC	Uncontrolled variable charge	$/kWh	$ 0.1390
AICO	E-C-CH2R-AICO	All inclusive variable charge	$/kWh	$ 0.1100
CTRL	E-C-CH2R-CTRL	Controlled variable charge	$/kWh	$ 0.0670
NITE	E-C-CH2R-NITE	Night variable charge	$/kWh	$ 0.0460
CTUD	E-C-CH2R-CTUD	Day variable charge	$/kWh	$ 0.1790
PROJ	E-C-CH2R-PROJ	Projected variable charge *Cannot be selected by a customer*	$/kWh	$ 0.1390
DGEN	E-C-CH2R-DGEN	Distributed generation export variable charge	$/kWh	$ 0.0000

9.4 Residential Time of Use

9.4.1 Overview

Residential consumers who have half-hourly metering installed, have the option of utilising time of use pricing. Connections that have DG installed together with half-hourly metering may also elect to use this form of pricing. 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 (price options ONPK and OFPK), **or**
- on peak, off peak and separately metered controlled charges (ONPK, OFPK and CTRL).

The customer must supply the distributor with the following data within standard billing timeframes EIEP1 to be used for billing.

Continued on next page

Residential Pricing, Continued

9.4 Residential Time of Use (cont)

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.

9.4.2 Residential Time of Use, Low Fixed Charge (CH1T)

Residential Time of Use, Low Fixed Charge Price Codes – CH1T				
Price Option	**Price Code**	**Description**	**Units**	**Price 1 April 2020**
	F-C-CH1T	Fixed charge	$/day	$ 0.1500
ONPK	E-C-CH1T-ONPK	On peak variable charge	$/kWh	$ 0.2670
OFPK	E-C-CH1T-OFPK	Off peak variable charge	$/kWh	$ 0.1580
CTRL	E-C-CH1T-CTRL	Controlled variable charge	$/kWh	$ 0.1240
NITE	E-C-CH1T-NITE	Night variable charge	$/kWh	$ 0.0650
PROJ	E-C-CH1T-PROJ	Projected variable charge *Cannot be selected by a customer*	$/kWh	$ 0.2670
DGEN	E-C-CH1T-DGEN	Distributed generation export variable charge	$/kWh	$ 0.0000
kVAR	E-C-CH1T-KVAR	Power Factor charge	$/kVAr /month	$ 7.7500

9.4.3 Residential Time of Use, Standard Charge (CH2T)

Residential Time of Use, Standard Charge Price Codes – CH2T				
Price Option	**Price Code**	**Description**	**Units**	**Price 1 April 2020**
	F-C-CH2T	Fixed charge	$/day	$ 1.4000
ONPK	E-C-CH2T-ONPK	On peak variable charge	$/kWh	$ 0.2100
OFPK	E-C-CH2T-OFPK	Off peak variable charge	$/kWh	$ 0.1010
CTRL	E-C-CH2T-CTRL	Controlled variable charge	$/kWh	$ 0.0670
NITE	E-C-CH2T-NITE	Night variable charge	$/kWh	$ 0.0460
PROJ	E-C-CH2T-PROJ	Projected variable charge *Cannot be selected by a customer*	$/kWh	$ 0.2100
DGEN	E-C-CH2T-DGEN	Distributed generation export variable charge	$/kWh	$ 0.0000
kVAR	E-C-CH2T-KVAR	Power Factor charge	$/kVAr /month	$ 7.7500

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Residential Pricing, Continued

9.5 Distributed Generation pricing

The DG price categories apply to all connections:

- whose capacity is up to, and including 1 and 2 phase 60 Amp and 3 phase 40 Amp, **and**
- who have a DG connected after 31 March 2016, **and**
- who have not elected to be placed in a residential TOU price category.

From 1 April 2018 connections with DG connected may elect to be placed in either:

- the CH1G or CH2G category, or
- a residential TOU price category, CH1T or CH2T.

Consumers with DG connected prior to 31 March 2016 can remain in the current applicable price category for a 'grand parenting' period. This period does not have a current run-out date, Centralines retains the right to set this date giving reasonable notice. At the completion of this 'grand parenting' period all connections with connected DG will be transferred to an applicable price category for DG or its successor.

The CH1G price category is a Low Fixed Charge price category for consumers with DG connected who are eligible under the conditions applying to Centralines other Low Fixed Charge category, CH1. Refer to *point 9.2* of this policy for more information regarding Low Fixed Charge compliance. Temporary Supplies do not qualify for this group.

Consumers wishing to switch from the CH1G or CH2G price category to a category where DG pricing does not apply, for example, CH1 or CH2R for instance, must provide evidence of permanent disconnection of DG.

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Residential Pricing, Continued

9.5 Distributed Generation pricing (cont)

9.5.1 Residential DG Low Fixed Charge (CH1G)

The table below lists the DG low fixed charge price option codes (CH1G).

Distributed Generation Low Fixed Charge Price Codes – CH1G				
Price Option	**Price Code**	**Description**	**Units**	**Price 1 April 2020**
	F-C-CH1G	Fixed charge	$/day	$ 0.1500
24UC	E-C-CH1G-24UC	Uncontrolled variable charge	$/kWh	$ 0.2270
AICO	E-C-CH1G-AICO	All inclusive variable charge	$/kWh	$ 0.1980
CTRL	E-C-CH1G-CTRL	Controlled variable charge	$/kWh	$ 0.1550
CTUD	E-C-CH1G-CTUD	Day variable charge	$/kWh	$ 0.2920
NITE	E-C-CH1G-NITE	Night variable charge	$/kWh	$ 0.0750
PROJ	E-C-CH1G-PROJ	Projected variable charge *Cannot be selected by a customer*	$/kWh	$ 0.2270
DGEN	E-C-CH1G-DGEN	Distributed generation export variable charge	$/kWh	$ 0.0000

9.5.2 Residential DG Standard Charge (CH2G)

The table below lists the DG standard price option codes (CH2G).

Distributed Generation Standard Price Codes – CH2G				
Price Option	**Price Code**	**Description**	**Units**	**Price 1 April 2020**
	F-C-CH2G	Fixed charge	$/day	$ 2.0800
24UC	E-C-CH2G-24UC	Uncontrolled variable charge	$/kWh	$ 0.1390
AICO	E-C-CH2G-AICO	All inclusive variable charge	$/kWh	$ 0.1100
CTRL	E-C-CH2G-CTRL	Controlled variable charge	$/kWh	$ 0.0670
CTUD	E-C-CH2G-CTUD	Day variable charge	$/kWh	$ 0.1790
NITE	E-C-CH2G-NITE	Night variable charge	$/kWh	$ 0.0460
PROJ	E-C-CH2G-PROJ	Projected variable charge *Cannot be selected by a customer*	$/kWh	$ 0.1390
DGEN	E-C-CH2G-DGEN	Distributed generation export variable charge	$/kWh	$ 0.0000

10. General Pricing

10.1 Overview

The following price categories apply to consumers:

- whose capacity is up to and including 1 and 2 phase 60 Amp and 3 phase 20 Amp, **and**
- who are connected to the low voltage network where the consumers are not eligible for any of the residential price categories in *Section 9*. Temporary Builders' Supplies are not eligible for this group. TOU metering is not required for this group of consumers, **and**
- the consumption is not used, in the majority, for irrigation purposes.

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

Price Category	Description
CH2L	Consumers with consumption <6,000 kWh per annum.
CH2H	Consumers with consumption >=6,000 kWh per annum.

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

10.2 General Low User price option codes (CH2L)

The table below lists the General low user price option codes (CH2L).

General Low User Price Codes – CH2L				
Price Option	**Price Code**	**Description**	**Units**	**Price 1 April 2020**
	F-C-CH2L	Fixed charge	$/day	$ 1.8000
24UC	E-C-CH2L-24UC	Uncontrolled variable charge	$/kWh	$ 0.1170
CTRL	E-C-CH2L-CTRL	Controlled variable charge	$/kWh	$ 0.0640
NITE	E-C-CH2L-NITE	Night variable charge	$/kWh	$ 0.0390
CTUD	E-C-CH2L-CTUD	Day variable charge	$/kWh	$ 0.1590
PROJ	E-C-CH2L-PROJ	Projected variable charge *Cannot be selected by a customer*	$/kWh	$ 0.1170
DGEN	E-C-CH2L-DGEN	Distributed generation export variable charge	$/kWh	$ 0.0000

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General Pricing, Continued

10.3 General High User price option codes (CH2H)

The table below lists the General high user price option codes (CH2H).

General High User Price Codes – CH2H				
Price Option	**Price Code**	**Description**	**Units**	**Price 1 April 2020**
	F-C-CH2H	Fixed charge	$/day	$ 1.4000
24UC	E-C-CH2H-24UC	Uncontrolled variable charge	$/kWh	$ 0.1410
CTRL	E-C-CH2H-CTRL	Controlled variable charge	$/kWh	$ 0.0880
NITE	E-C-CH2H-NITE	Night variable charge	$/kWh	$ 0.0630
CTUD	E-C-CH2H-CTUD	Day variable charge	$/kWh	$ 0.1830
PROJ	E-C-CH2H-PROJ	Projected variable charge *Cannot be selected by a customer*	$/kWh	$ 0.1410
DGEN	E-C-CH2H-DGEN	Distributed generation export variable charge	$/kWh	$ 0.0000

11. Commercial Pricing

11.1 Introduction

This section applies to consumers whose capacity is:

- greater than 1 and 2 phase 60 Amp, **and**
- 3 phase 20 Amp. Temporary Builders' Supplies do not qualify for this group.

The table in *point 3.3* is to be used to ensure consumers in this group are allocated to the correct price category.

11.2 Pricing requirements

Fixed daily charges apply to all ICPs in a price category regardless of the type of metering installed.

Where a CH2I, CH3 or CH4 consumer has a TOU meter the customer may elect one of the following two options:

- submit billing data as either EIEP3, in which case the quantity will be billed on the TOU prices 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 1st day of the month. As TOU price options are monthly charges this will allow a more seamless billing process, avoiding issues regarding apportionment of monthly charges between retailers.

TOU meters and EIEP3 formatted data submissions are mandatory for all CH5 and CH6 consumers.

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Commercial Pricing, Continued

11.3 Irrigator price option codes – Price category CH2I

The following charges apply to consumers whose capacity is up to 3 phase 400 Amp and the majority of their use is for irrigation purposes.

Irrigator Price Codes – CH2I				
Price Option	**Price Code**	**Description**	**Units**	**Price 1 April 2020**
	F-C-CH2I	Fixed charge	$/day	$ 7.0000
24UC	E-C-CH2I-24UC	Uncontrolled variable charge	$/kWh	$ 0.1050
CTRL	E-C-CH2I-CTRL	Controlled variable charge	$/kWh	$ 0.0580
NITE	E-C-CH2I-NITE	Night variable charge	$/kWh	$ 0.0350
CTUD	E-C-CH2I-CTUD	Day variable charge	$/kWh	$ 0.1430
PROJ	E-C-CH2I-PROJ	Projected variable charge *Cannot be selected by a customer*	$/kWh	$ 0.1050
DMND	E-C-CH2I-DMND	Anytime maximum demand charge	$/kW/ month	$ 5.0000
KVAR	E-C-CH2I-KVAR	Power factor charge	$/kVAr /month	$ 7.7500
SOPD	E-C-CH2I-SOPD	Summer on peak demand	$/kW/ month	$ 8.5000
WOPD	E-C-CH2I-WOPD	Winter on peak demand	$/kW/ month	$ 8.5000
DGEN	E-C-CH2I-DGEN	Distributed generation export variable charge	$/kWh	$ 0.0000

11.4 Commercial prices

The following prices apply to consumers in the CH3, CH4, CH5 and CH6 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 load connected to the customer's load control equipment and the meter configuration. For each variable pricing component, there will be a unique price option that matches the meter register code combination.

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Commercial Pricing, Continued

11.4 Commercial prices (cont)

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 only).

Other price option combinations are only available with the prior approval of the distributor.

11.5 Commercial price option codes – Price category CH3

The table below lists the Commercial price option codes for price category CH3.

Commercial Price Codes – CH3				
Price Option	**Price Code**	**Description**	**Units**	**Price 1 April 2020**
	F-C-CH3	<=69 kVA fixed charge	$/day	$ 6.5000
24UC	E-C-CH3-24UC	Uncontrolled variable charge	$/kWh	$ 0.1100
CTRL	E-C-CH3-CTRL	Controlled variable charge	$/kWh	$ 0.0605
NITE	E-C-CH3-NITE	Night variable charge	$/kWh	$ 0.0360
CTUD	E-C-CH3-CTUD	Day variable charge	$/kWh	$ 0.1500
SOPD	E-C-CH3-SOPD	TOU meter – summer OPD charge	$/kW /month	$ 8.5000
WOPD	E-C-CH3-WOPD	TOU meter – winter OPD charge	$/kW /month	$ 8.5000
DMND	E-C-CH3-DMND	TOU meter – demand charge	$/kW /month	$ 5.0000
KVAR	E-C-CH3-KVAR	Power factor charge	$/kVAr /month	$ 7.7500
PROJ	E-C-CH3-PROJ	Projected variable charge *Cannot be selected by a customer*	$/kWh	$ 0.1100
DGEN	E-C-CH3-DGEN	Distributed generation export variable charge	$/kWh	$ 0.0000

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Commercial Pricing, Continued

11.6 Commercial price option codes – Price category CH4

The table below lists the Commercial price option codes for price category CH4.

Commercial Price Codes – CH4				
Price Option	**Price Code**	**Description**	**Units**	**Price 1 April 2020**
	F-C-CH4	> 69 and <= 138 kVA fixed charge	$/day	$ 24.0000
24UC	E-C-CH4-24UC	Uncontrolled variable charge	$/kWh	$ 0.0750
CTRL	E-C-CH4-CTRL	Controlled variable charge	$/kWh	$ 0.0413
NITE	E-C-CH4-NITE	Night variable charge	$/kWh	$ 0.0250
CTUD	E-C-CH4-CTUD	Day variable charge	$/kWh	$ 0.1020
SOPD	E-C-CH4-SOPD	TOU meter – Summer OPD charge	$/kW /month	$ 8.5000
WOPD	E-C-CH4-WOPD	TOU meter – Winter OPD charge	$/kW /month	$ 8.5000
DMND	E-C-CH4-DMND	TOU meter – demand charge	$/kW /month	$ 5.0000
KVAR	E-C-CH4-KVAR	Power factor charge	$/kVAr/ month	$ 7.7500
PROJ	E-C-CH4-PROJ	Projected variable charge *Cannot be selected by a customer*	$/kWh	$ 0.0750
DGEN	E-C-CH4-DGEN	Distributed generation export variable charge	$/kWh	$ 0.0000

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Commercial Pricing, Continued

11.7 Commercial price option codes – Price category CH5

The table below lists the Commercial price option codes for price category CH5.

Commercial Price Codes – CH5				
Price Option	**Price Code**	**Description**	**Units**	**Price 1 April 2020**
	F-C-CH5	> 138 and <= 276 kVA fixed charge	$/day	$ 40.0000
SOPD	E-C-CH5-SOPD	TOU meter – Summer OPD charge	$/kW /month	$ 8.5000
WOPD	E-C-CH5-WOPD	TOU meter – Winter OPD charge	$/kW /month	$ 8.5000
DMND	E-C-CH5-DMND	TOU meter – Demand charge	$/kW /month	$ 4.3000
KVAR	E-C-CH5-KVAR	TOU meter – Power factor charge	$/kVAr /month	$ 7.7500
PROJ	E-C-CH5-DEFT	Default variable charge	$/kWh	$ 0.0800
DGEN	E-C-CH5-DGEN	Distributed generation export variable charge	$/kWh	$ 0.0000

11.8 Commercial price option codes – Price category CH6

The table below lists the Commercial price option codes for price category CH6.

Commercial Price Codes – CH6				
Price Option	**Price Code**	**Description**	**Units**	**Price 1 April 2020**
	F-C-CH6	> 276 and <= 435 kVA fixed charge	$/day	$ 50.0000
SOPD	E-C-CH6-SOPD	TOU meter – Summer OPD charge	$/kW /month	$ 8.5000
WOPD	E-C-CH6-WOPD	TOU meter – Winter OPD charge	$/kW /month	$ 8.5000
DMND	E-C-CH6-DMND	TOU meter – Demand charge	$/kW /month	$ 4.3000
KVAR	E-C-CH6-KVAR	TOU meter – Power factor charge	$/kVAr /month	$ 7.7500
PROJ	E-C-CH6-DEFT	Default variable charge	$/kWh	$ 0.0800
DGEN	E-C-CH6-DGEN	Distributed generation export variable charge	$/kWh	$ 0.0000

12. Large Consumer Pricing (CH7 and Above)

12.1 Introduction

This section applies to consumers whose capacity is greater than 3 phase 630 Amp referred to as $POA consumers.

12.2 Consumers

Other consumers may be priced on an individual basis, at the distributor's sole discretion, at lower than 435 kVA of connected capacity where:

- a consumer has a dedicated supply system which is quite different and separate from the remainder of the supply network, **or**
- a 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 435 kVA threshold (e.g. residential embedded networks), **or**
- the 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 consumer's load profile is significantly different from otherwise comparable consumers, **or**
- the consumer and the distributor agree the consumer will be individually priced.

TOU meters are mandatory for this group of consumers.

A power factor charge also applies where the consumer's power factor is less than 0.95 as outlined in *point 4.11*.

13. Distributed Generation

13.1 Overview

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 designated price option specified in *Section 4*.

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

Centralines requires all DG connections to have metering compliant with Part 10 of the Code that records electricity exported to the network for the purpose of network planning and safety. Export data must be submitted to Centralines against the DGEN price option, even where no charge applies.

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).

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 line 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 Service Agreement and any relevant Centralines policy.

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

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

The retailer may request, for all ICPs 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 (5th) working day of the month	Traders provide consumption data in EIEP1, EIEP3 format.
Sixth (6th) working day of the month	Traders to provide EIEP4 CUSIN file.
Tenth (10th) 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 (5th) 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

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^{th}) working day of the month, Centralines may estimate volume for those ICP's.

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

For any active ICPs where consumption data is:

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

Centralines may estimate consumption for that month based on historical consumption data for the ICPs in question.

Centralines 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.

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 Centralines reasonably considers an additional revision cycle is required, it may require the customer to perform an additional month's revision further to the three (3), and 14 month revisions.

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Billing and Settlement Process, Continued

14.4 Data submission

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

- a price option within a price category in accordance with the Pricing Policy, **and**
- the pricing tables in Centralines Electricity Distribution Delivery Prices: Effective 1 April 2020 published on Centralines website www.centralines.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 price which does not appear in the current published price schedule (www.centralines.co.nz), these quantities will be charged at the projected price for the price category which the distributor deems appropriate. This will be at the distributor's sole discretion.

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

- data submitted under price option codes which do not apply to the consumer's price category (e.g. AICO data submitted for a CH3 consumer), **and**
- data submitted under unapproved combinations (e.g. data being submitted for a CH1 consumer under both the AICO and CTRL price options).

Note
As outlined in *Section 4*, where a consumer is required to have a TOU meter, but does not it is the Default price that will apply.

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Billing and Settlement Process, Continued

14.5 Under-payment recovery charge

Independent of the procedure for selecting a price category or price option (set out in *point 5.*1), underpayment recovery charges apply, if:

- Centralines acting reasonably, is satisfied that a price category or price option has been at any time incorrectly allocated to a consumer's ICP (allocation of category or options does not meet criteria), **and**
- as a result the customer has underpaid Centralines.

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 consumer from the incorrect price category or price option to the appropriate price category or price option, **and**
- adjust the delivery charges historically accordingly.

15. Other Charges

15.1 Introduction

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

15.2 Charges

The table below lists all other charges.

Price Category Change Fee	Price
Payable by the customer when a consumer's price category or option, within the residential/general consumer's price category, is changed more than once in any 12 month period.	$30 per consumers point of connection (payable for the second and each subsequent instance).
Fixed Charge Recovery Fee	**Price**
Payable by the customer when either:	
A consumer's price category is changed more than once in any 12 month period when the consumer has at any time during that 12 month period been allocated to any of the CH2I, CH3, CH4, CH5, CH6, CH7 or above price categories.	Calculated as the difference between: • the fixed charges due over the 12 month period if the consumer had been in the price category for which the highest daily fixed charge applies for the entire 12 month period ***and*** • the fixed charges actually charged to the customer over the 12 month period. The charge will be applied using the prices current on the date that the second or subsequent price category change was made.
An ICP is disconnected 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 CH2I, CH3, CH4, CH5, CH6, CH7 or above price categories.	The fixed charges due over the 12 month period if the consumer had not seasonally disconnected.
This charge applies at the distributor's sole discretion.	

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Other Charges, Continued

15.2 Charges (cont)

Non-Network Fault Callout Fee	Price
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 consumer's equipment). A repair option may be offered directly to the consumer and, if accepted, costs including the callout charge will be recovered from the consumer and the retailer will not be charged this fee.	$110.00 per callout, plus mileage
Temporary Disconnection Fee	**Price**
This fee is payable for a temporary disconnection for completion within one working day where the retailer has requested the service. The retailer may specify a target time for a working day between 8 am and 5 pm. The service includes reconnection. This fee only applies where there is an accessible isolating device which isolates only the requested consumer's point of connection. If more extensive work is necessary to gain access to the relevant consumer's point of connection to affect the disconnection, then the service level will not apply and the fee for the service will reflect the actual costs involved.	A maximum of $192.50 per consumers point of connection.
Urgent/After Hours Temporary Disconnection Fee	**Price**
This fee is payable for a temporary disconnection: • for urgent completion on an 'as soon as possible' basis, or • where the service is required outside of the hours specified for the non-urgent service and the retailer has requested the service. The service will be completed by the first available field resource. The service includes reconnection.	A maximum of $322.50 per consumers point of connection.
Permanent Disconnection Fee – Electricity	**Price**
This fee is payable when the distributor removes the fuse and disconnects the service main at a decommissioned consumers point of connection.	A maximum of $322.50 per consumers point of connection.

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Other Charges, Continued

15.2 Charges (cont)

Change of Capacity Fee – Electricity	Price
This fee is payable when the capacity change can be completed by changing fuse size within the existing fuse holder. Work in excess of this will be charged directly to the consumer on a time and materials basis at market rates.	A maximum of $322.50 per consumers point of connection.
Ad hoc Report Fee	**Price**
Payable where a customer requests an ad hoc report that is not generally supplied by the distributor.	$90 per hour or such other fee as may be agreed.
Power Factor Assessment Fee	**Price**
Payable by the customer where the customer or consumer requests an assessment of the consumer's power factor.	Time and materials basis at market rates.
Capacity Change Fee	**Price**
In the event that a consumer requires a capacity increase then if the capacity of the ICP has been decreased within the preceding two (2) years the customer will be required to back pay up to two years at the highest rate which has applied during the two (2) year period. 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 there has been a genuine change in consumer at the ICP during this two (2) year window.	Individually priced.
Energising Fee	**Charge $**
This charge is payable when Centralines' energises a new consumer's point of connection for the first time, by inserting the fuse, or re-energises the point of connection where the consumer's equipment has been materially modified.	$30 per consumer's point of connection
Communications Fee	**Charge $**
This is payable where the customer chooses not to request services from Centralines using Centralines' electronic communication process and instead uses email and fax communication. The charge will not be charged until Centralines has made the electronic communication process available for use.	$15 per inbound request

16. Loss Factors

16.1 Factors

The table below lists the loss factor for different voltage connections.

Voltage Connection	Price Categories	Loss Factor	Code
Connected below 11kV	U01-U03, CH1 to CH11	1.0890	LFCH001
Connected 11kV or above		1.0664	LFCH002
Connected 11kV or above	CH12	1.0664	LFCH003

Appendix A – Summary of Document Changes

Date	Version No.	Changes to Document	Creator	Authoriser	Approver
01/04/2006	1.0	New format, new methodologies and new rates to take effect 1 Apr. 2007	Commercial Analyst	Regional Manager	Chief Executive
01/04/2007	1.0	Revision of split between transmission and distribution components	Commercial Analyst	Regional Manager	Chief Executive
01/04/2008	1.0	New rates to take effect 1 April 2008	Commercial Analyst	Regional Manager	Chief Executive
03/03/2009	1.0	New rates to take effect 1 April 2009	Commercial Manager	Centralines Area Manager	Chief Executive
29/03/2010	1.0	New rates to take effect 31 March 2010	Commercial Specialist	Centralines Area Manager	Chief Executive
31/01/2011	2.0	New rates to take effect 1 April 2011	Customer Pricing & Billing Manager	Centralines Area Manager	Chief Executive
31/01/2012	2.0	New rates to take effect 1 April 2012	Pricing Analyst	Centralines Area Manager	Chief Executive
31/04/2013	3.0	Splitting of CH2 price category. Distributed generation requirements added.	Pricing Analyst	Centralines Area Manager	Chief Executive
31/01/2014	4.0	Change from Consumption to Capacity as criteria for Commercial tariffs. Limits for unmetered supply. New rates to take effect 1 April 2014.	Pricing Analyst	Centralines Area Manager	Chief Executive
30/03/2015	5.0	Incorporate tariff rates into tables. Introduce TOU tariff options for Irrigator price category. Addition of Section 14 to cover billing requirements.	Pricing Analyst	General Manager Business Assurance	Group Chief Executive
30/03/2016	6.0	Rename Non-Residential category to General as suggested by ENA Distribution Pricing Working Group. Addition of CH1G and CH2G Generation price categories. Closure of AICO for General price categories.	Pricing Analyst	General Manager Business Assurance	Group Chief Executive

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Appendix A – Summary of Document Changes, Continued

Date	Version No.	Changes to Document	Creator	Authoriser	Approver
22/03/2017	7.0	Addition of CH1T and CH2T residential TOU price categories. Altering DG installation eligibility to include CH1T and CH2T. Update of prices.	Pricing Analyst	General Manager Business Assurance	Group Chief Executive
26/03/2018	8.0	Updated definition and eligibility criteria for price options.	Pricing Manager	General Manager Business Assurance	Group Chief Executive
29/03/2019	9.0	Full review and update to document. Update of key statistics.	Senior Regulatory Affairs Advisor	GM Business Assurance	Group Chief Executive
06/03/2020	10	Full review and update of prices.	Pricing Manager	GM Business Assurance	Group Chief Executive