Eastland Network Schedule of Charges

Effective 1 April 2020

Information for electricity consumers - Disclosure pursuant to Electricity Distribution (Information disclosure) Requirements 2012

Eastland Network is hereby notifying its new line charges effective 1 April 2020. Prices exclude GST. These charges are made by Eastland Network to electricity retailers for the use of its network in supplying electricity to consumers. These charges are not the same as the electricity retail charges that appear on consumer accounts. Retail charges include the other costs, such as energy purchase, that are repackaged by retailers into electricity retail tariffs. Consumers can derive the changes in their individual pricing positions resulting from line charge changes by comparison of the two schedules.

Matt Todd, Group Chief Executive

Prices exclude GST. Energised ICPs are billed a fixed daily charge as shown. Variable charges are shown as a per kWh charge as metered at the ICP.

		Line Charges Effective 1 April 2020			Retiring codes and previous year line charges from 1 April 2019 to 31 March 2020							
Price Category	Consumer Group	Distribution	Transmission	Total	High Density Price Category	Distribution	Transmission	Total	Low Density Price Category	Distribution	Transmission	Total
LFC0030	Domestic Low user (0 to 30 kVA) - Fixed Daily Charge	$0.1125	$0.0375	$0.1500	**PDH0030**	$0.1125	$0.0375	$0.1500	**PDL0030**	$0.1125	$0.0375	$0.1500
14727 ICPs	Domestic Low user (0 to 30 kVA) - Uncontrolled	$0.1368	$0.0119	$0.1487	13887 ICPs	$0.1254	$0.0390	$0.1644	5694 ICPs	$0.1456	$0.0460	$0.1916
	Domestic Low user (0 to 30 kVA) - Controlled	$0.0717	$0.0063	$0.0780		$0.0645	$0.0203	$0.0848		$0.0777	$0.0249	$0.1026
						$0.0318	$0.0051	$0.0369		$0.0367	$0.0059	$0.0426
STD0003	Standard Low Capacity (0 to 3 kVA) - Fixed Daily Charge	$0.3313	$0.1422	$0.4735	**PNH0003**	$0.3281	$0.1422	$0.4703	**PNL0003**	$0.3281	$0.1422	$0.4703
262 ICPs	Standard Low Capacity (0 to 3 kVA) - Uncontrolled	$0.1108	$0.0140	$0.1248	134 ICPs	$0.1014	$0.0466	$0.1480	127 ICPs	$0.1183	$0.0537	$0.1720
						$0.0661	$0.0329	$0.0990		$0.0774	$0.0378	$0.1152
STD0030	Standard (0 to 30 kVA) - Fixed Daily Charge	$1.2211	$0.7365	$1.9576	**PNH0030**	$1.8444	$0.7365	$2.5809	**PNL0030**	$1.8444	$0.7365	$2.5809
10069 ICPs	Standard (0 to 30 kVA) - Uncontrolled	$0.0364	$0.0096	$0.0460	1687 ICPs	$0.0726	$0.0334	$0.1060	3520 ICPs	$0.0774	$0.0349	$0.1123
	Standard (0 to 30 kVA) - Controlled	$0.0237	$0.0062	$0.0299		$0.0479	$0.0217	$0.0696		$0.0513	$0.0227	$0.0740
						$0.0247	$0.0063	$0.0310		$0.0274	$0.0072	$0.0346
STD0100	Standard (30 to 100 kVA) - Fixed Daily Charge	$5.2768	$2.4915	$7.7683	**PNH0100**	$5.2255	$2.4915	$7.7170	**PNL0100**	$5.2255	$2.4915	$7.7170
383 ICPs	Standard (30 to 100 kVA) - Uncontrolled	$0.0558	$0.0069	$0.0627	276 ICPs	$0.0494	$0.0229	$0.0723	105 ICPs	$0.0613	$0.0265	$0.0878
	Standard (30 to 100 kVA) - Controlled	$0.0363	$0.0045	$0.0408		$0.0327	$0.0147	$0.0474		$0.0393	$0.0172	$0.0565
						$0.0249	$0.0063	$0.0312		$0.0211	$0.0072	$0.0283
STD0300	Standard (101 to 300 kVA) - Fixed Daily Charge	$10.9307	$4.6981	$15.6288	**PNH0300**	$10.8242	$4.6981	$15.5223	**PNL0300**	$10.8242	$4.6981	$15.5223
91 ICPs	Standard (101 to 300 kVA) - Uncontrolled	$0.0449	$0.0056	$0.0505	71 ICPs	$0.0416	$0.0185	$0.0601	20 ICPs	$0.0474	$0.0213	$0.0687
	Standard (101 to 300 kVA) - Controlled	$0.0296	$0.0036	$0.0332		$0.0271	$0.0120	$0.0391		$0.0316	$0.0137	$0.0453
						$0.0129	$0.0064	$0.0192		$0.0300	$0.0072	$0.0372
TOU0300	Time of Use (201 to 300 kVA) - Fixed Daily Charge	$18.2181	$7.8301	$26.0482	**PTH0300**	$18.0406	$7.8301	$25.8707	**PTL0300**	$18.0406	$7.8301	$25.8707
9 ICPs	Time of Use (201 to 300 kVA) - Evening Peak	$0.0406	$0.0047	$0.0453	7 ICPs	$0.0396	$0.0166	$0.0562	1 ICP	$0.0409	$0.0172	$0.0581
	Time of Use (201 to 300 kVA) - Morning Peak	$0.0377	$0.0044	$0.0421		$0.0368	$0.0155	$0.0523		$0.0380	$0.0162	$0.0542
	Time of Use (201 to 300 kVA) - Off Peak	$0.0295	$0.0035	$0.0330		$0.0292	$0.0121	$0.0413		$0.0295	$0.0129	$0.0424
	Time of Use (201 to 300 kVA) - Night	$0.0154	$0.0019	$0.0173		$0.0154	$0.0063	$0.0217		$0.0153	$0.0072	$0.0225
TOU0500	Time of Use (301 to 500 kVA) - Fixed Daily Charge	$20.5369	$8.8266	$29.3635	**PNH0500**	$20.3368	$8.8266	$29.1634	**PNL0500**	$20.3368	$8.8266	$29.1634
20 ICPs	Time of Use (301 to 500 kVA) - Evening Peak	$0.0406	$0.0047	$0.0453	17 ICPs	$0.0396	$0.0166	$0.0562	4 ICPs	$0.0409	$0.0172	$0.0581
	Time of Use (301 to 500 kVA) - Morning Peak	$0.0377	$0.0044	$0.0421		$0.0368	$0.0155	$0.0523		$0.0380	$0.0162	$0.0542
	Time of Use (301 to 500 kVA) - Off Peak	$0.0295	$0.0035	$0.0330		$0.0292	$0.0121	$0.0413		$0.0295	$0.0129	$0.0424
	Time of Use (301 to 500 kVA) - Night	$0.0154	$0.0019	$0.0173		$0.0154	$0.0063	$0.0217		$0.0153	$0.0072	$0.0225
TOU1000	Time of Use (501 to 1000 kVA) - Fixed Daily Charge	$31.7988	$13.6671	$45.4659	**PNH1000**	$31.4890	$13.6671	$45.1561	**PNL1000**	$31.4890	$13.6671	$45.1561
24 ICPs	Time of Use (501 to 1000 kVA) - Evening Peak	$0.0406	$0.0047	$0.0453	23 ICPs	$0.0396	$0.0166	$0.0562	1 ICP	$0.0409	$0.0172	$0.0581
	Time of Use (501 to 1000 kVA) - Morning Peak	$0.0377	$0.0044	$0.0421		$0.0368	$0.0155	$0.0523		$0.0380	$0.0162	$0.0542
	Time of Use (501 to 1000 kVA) - Off Peak	$0.0295	$0.0035	$0.0330		$0.0292	$0.0121	$0.0413		$0.0295	$0.0129	$0.0424
	Time of Use (501 to 1000 kVA) - Night	$0.0154	$0.0019	$0.0173		$0.0154	$0.0063	$0.0217		$0.0153	$0.0072	$0.0225
TOU4500	Time of Use (1001 to 4500 kVA) - Fixed Daily Charge	$79.4969	$34.1677	$113.6646	**PNH4500**	$78.7225	$34.1677	$112.8902	**PNL4500**	$78.7225	$34.1677	$112.8902
3 ICPs	Time of Use (1001 to 4500 kVA) - Evening Peak	$0.0400	$0.0046	$0.0446	2 ICPs	$0.0396	$0.0166	$0.0562	1 ICP	$0.0409	$0.0172	$0.0581
	Time of Use (1001 to 4500 kVA) - Morning Peak	$0.0371	$0.0043	$0.0414		$0.0368	$0.0155	$0.0523		$0.0380	$0.0162	$0.0542
	Time of Use (1001 to 4500 kVA) - Off Peak	$0.0294	$0.0034	$0.0328		$0.0292	$0.0121	$0.0413		$0.0295	$0.0129	$0.0424
	Time of Use (1001 to 4500 kVA) - Night	$0.0154	$0.0019	$0.0173		$0.0154	$0.0063	$0.0217		$0.0153	$0.0072	$0.0225
TOU6500	Time of Use (4501 to 6500 kVA) - Fixed Daily Charge	$120.9841	$51.9992	$172.9833	**PNH6500**	$119.8055	$51.9992	$171.8047	**PNL6500**	$117.8599	$43.0943	$160.9543
1 ICP	Time of Use (4501 to 6500 kVA) - Evening Peak	$0.0400	$0.0046	$0.0446	1 ICP	$0.0396	$0.0166	$0.0562		$0.0408	$0.0172	$0.0580
	Time of Use (4501 to 6500 kVA) - Morning Peak	$0.0371	$0.0043	$0.0414		$0.0368	$0.0155	$0.0523		$0.0380	$0.0162	$0.0542
	Time of Use (4501 to 6500 kVA) - Off Peak	$0.0294	$0.0034	$0.0328		$0.0292	$0.0121	$0.0413		$0.0295	$0.0129	$0.0424
	Time of Use (4501 to 6500 kVA) - Night	$0.0154	$0.0019	$0.0173		$0.0154	$0.0063	$0.0217		$0.0153	$0.0072	$0.0225
GEN0500	Assessed Capacity (301 to 500 kVA) - Fixed Daily Charge	$20.2074	$0.0000	$20.2074	**PNG0500**	$20.0073	$0.0000	$20.0073				
GEN1000	Assessed Capacity (501 to 1000 kVA) - Fixed Daily Charge	$30.4809	$0.0000	$30.4809	**PNG1000**	$30.4809	$0.0000	$30.4809				
6 ICPs					6 ICPs							
GEN4500	Assessed Capacity (1001 to 4500 kVA) - Fixed Daily Charge	$77.4476	$0.0000	$77.4476	**PNG4500**	$77.4476	$0.0000	$77.4476				
1 ICP					1 ICP							
GEN6500	Assessed Capacity (4501 to 6500 kVA) - Fixed Daily Charge	$117.8653	$0.0000	$117.8653	**PNG6500**	$117.8653	$0.0000	$117.8653				
1 ICP					1 ICP							
DG	Distributed Generation - Fixed Daily Charge	$0.0000	$0.0000	$0.0000	**DG**	$0.0000	$0.0000	$0.0000				

Tariff definitions, terms and conditions of supply

Customer classification

Low Fixed Charge Connection Definition (Price Category LFC0030)

An installed connection will qualify for the Low Fixed Charge tariff if it meets the following criteria:

- The connection is the consumer's primary and permanent place of residence. This excludes holiday homes, separately connected outbuildings, premises that constitute any part of premises described in the **Residential Tenancies Act 1986**. For clarification, the following do not meet the LFC criteria: boarding houses, hostels or multi-rental units on a single ICP.
- No other person residing in these premises is claiming the Low Fixed Charge tariff at another location, whether on Eastland Network supply or elsewhere in New Zealand. For the avoidance of doubt - a person cannot have multiple primary places of residence eligible for the **Electricity (Low Fixed Charge Tariff Option for Domestic Consumers) Regulations 2004.**
- The connection does not supply electricity for any business (including home based businesses) or commercial activity.
- The connection uses less than 8,000 kWh of electricity per annum.
- The connection does not exceed the following current limits:

1 Phase	2 Phase	3 Phase
Up to 62 amps	Up to 42 amps per phase	Up to 32 amps per phase

- For Eastland Network to determine the correct tariff, retailers must provide the following information for each active ICP monthly:
  - ICP number
  - Current consumer
  - Full name
  - Phone contacts
  - Postal address
  - Email address (if available)

The preferred format for this information as described in the Electricity Information Exchange Protocols is EIEP4.

Please note: Eastland Network checks eligibility for the Low Fixed Charge tariff: where the connection fails the eligibility test, the connection will be moved to the Standard tariff.

All persons wishing to change tariff classification to the Low Fixed Charge tariff must meet the criteria outlined above and will be moved upon receiving confirmation from their retailer. The consumer may also be required to complete a 'declaration for domestic supply' form to be sent by and approved by Eastland Network.

Standard Connection Definition (Price Category STDXXXXX)

All connections that do not meet the criteria to be eligible for the Low Fixed Charge tariff and are not a Time of Use tariff (TOU) will be on one of the standard tariffs.

Supply categories

Controlled supply applies only to those on the LFC and Standard tariffs.

Uncontrolled supply

24 hour continuous supply: Supply is in normal circumstances continuously available 24 hours each day, 7 days each week.

Controlled supply

18 hour continuous supply: Supply in normal circumstances is available for a minimum of 18 hours each day, 7 days each week.

Special purpose tariffs

Low capacity (Price Category STD0003): ICPs are 3 kVA connections, protected with a miniature circuit breaker of approved size and installation standard.

Street Light Charges: Demand is aggregated to each control point connection to Eastland Network and an ICP created for each such point. The ICP tariffs for Standard connections are applied to the assessed demand at each such ICP.

Unmetered Supply: No new unmetered supply points will be permitted connection to Eastland Network's system unless explicitly exempted by Eastland Network.

TOU Connection Definition (Price Category TOUXXXXX)

Connections must have compliant metering to be eligible for a TOU tariff. Connections must have a capacity requirement greater than 201 kVA and TOU metering to be eligible for the TOU tariffs.

TOU Time Periods are defined as follows:

Morning Peak	07:00 to 12:00	Off Peak	21:00 to 23:00
Off Peak	12:00 to 17:00	Night	23:00 to 07:00
Evening Peak	17:00 to 21:00		

Demand Assessment

kVA demand capacity will be reviewed at least annually and is assessed on the following basis:

- For multi-phase installations demand is taken as the maximum of any one phase.
- The minimum fuse size needed by the installation will determine demand.

Change of retailer

Consumers on TOU tariffs who wish to change retailers are strongly encouraged to do so at the beginning or end of their billing cycle (i.e. end of month) to avoid delay and complexity in processing the change.

Eastland Network

Network connection requirements

Each new ICP must be able to be de-energised without the de-energisation of any other ICP. Pricing assumes the following connection standards are maintained at all times:

- Compliance with **Eastland Network Connection Standards** and the **Electricity Regulations**
- Service main voltage drop and condition is kept compliant with the **Electricity Regulations**
- All trees under the control of the consumer are maintained clear of all Eastland Network equipment

Where connections do not meet these requirements, after written notice, the connection may be isolated or disconnected until compliance is achieved. This action may result in costs to be borne by the consumer.

Permanent disconnections from the Network

When an installation is vacated and its ICP status is changed to 'Inactive – ready for decommissioning' by the energy retailer, Eastland Network will permanently disconnect the installation and update the registry status to 'Decommissioned'.

Power factor

Connections to the Network are required to maintain a power factor of 0.95 lag or better. Failure by the consumer to remedy poor power factor following a written notice of non-conformance, may result in the application of an additional fixed daily charge to the ICP as follows:

Price category and additional fixed daily charge (excl GST)

LFC0030	STD00003	STD0030	STD0100	STD0300
$0.1500	$0.4703	$1.9576	$7.7683	$15.6288

TOU0300	TOU0500	TOU1000	TOU5500	TOU6500
$26.0482	$29.3635	$45.4659	$113.6646	$172.9833

Other items

Time of use (TOU) zone period times refer to the half-hour ending.

Timing of data: As per Regulations, any information required for billing processing needs to be submitted by the retailer to Eastland Network before the end of the fifth business day of the month.

Loss factors applicable to Eastland Network:

400 V connections: 1.1051

11 kV connections: 1.0822

Wairoa multiple connections on single invoice (1999 Wairoa legacy issue)

- All connections must be supplied from same single transformer.
- If the property is subdivided or if the consumer wishes to switch retailers, they will be required to establish separate connections to the Network for each installation at their cost. This will ensure that each ICP is able to be de-energised without the de-energisation of any other ICP.
- All multiple connections must be on a Standard tariff.

Distributed Generation connections

All distributed generation connections must comply with the **Eastland Network Distributed Generation Connection Standards ('Connection Standards')**. These Connection Standards are available on our website or by contacting Eastland Network. Failure to comply with these Connection Standards will result in disconnection of the distributed generation from Eastland's electricity network.

In accordance with the Connection Standards, all distributed generation connections must apply to Eastland Network for approval prior to connection to Eastland's network.

Definitions

Domestic Consumer: Means any person who purchases or uses electricity in respect of his or her home.

Home: Means the premises that are used or intended for occupation principally as a place of residence.

Person: The term 'Person' as used in the Electricity Industry Act 2010, will include any entity: Limited companies, Trusts, in addition to natural persons. The term 'consumer' as defined in the Electricity Industry Act 2010, means any person who is supplied, or applies to be supplied, with electricity other than for resupply.

Multi-rental units on a single ICP: Means premises that are divided into multiple separately rented units and there is only one connection point to that property.

Connection Standards: Eastland Network Limited Distributed Generation Connection Standards which are available from the Eastland Network website or by contacting Eastland Network Limited.

Low Fixed Charge Tariff: The pricing tariff that complies with the Electricity (Low Fixed Charge Tariff Option for Domestic Consumers) Regulations 2004.

All prices as shown exclude GST