

Eastland Network Schedule of Charges

Effective 1 April 2016

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

Eastland Network is hereby notifying its new line charges effective 1 April 2016. 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 2016				Line Charges - effective 1 April 2015				
Domestic Consumers	Price Category	Distribution	Transmission	Total	Customer Numbers	Distribution	Transmission	Total	Customer Numbers	
High Density	PDH0030	Fixed Charges	\$0.1125	\$0.0375	\$0.1500	13,747	\$0.1125	\$0.0375	\$0.1500	13,707
		Variable Uncontrolled	\$0.1124	\$0.0454	\$0.1578		\$0.1110	\$0.0369	\$0.1479	
		Variable Controlled	\$0.0584	\$0.0236	\$0.0820		\$0.0576	\$0.0192	\$0.0768	
Low Density	PDL0030	Fixed Charges	\$0.1125	\$0.0375	\$0.1500	5,660	\$0.1125	\$0.0375	\$0.1500	5,669
		Variable Uncontrolled	\$0.1310	\$0.0535	\$0.1845		\$0.1292	\$0.0435	\$0.1727	
		Variable Controlled	\$0.0707	\$0.0289	\$0.0996		\$0.0698	\$0.0235	\$0.0933	
Non Domestic Consumers	PNH0003	Low Capacity (0 to 3kVA) - Fixed Charges	\$0.2845	\$0.1371	\$0.4216	133	\$0.2808	\$0.1115	\$0.3923	133
		Low Capacity (0 to 3kVA) - Variable Uncontrolled	\$0.0912	\$0.0542	\$0.1454		\$0.0900	\$0.0441	\$0.1341	
		Low Capacity (0 to 3kVA) - Variable Controlled	\$0.0592	\$0.0383	\$0.0975		\$0.0584	\$0.0311	\$0.0895	
High Density	PNH0030	Demand (0 to 30kVA) - Fixed Charges	\$1.5996	\$0.7102	\$2.3098	1,695	\$1.5784	\$0.5774	\$2.1558	1,680
		Demand (0 to 30kVA) - Variable Uncontrolled	\$0.0655	\$0.0390	\$0.1045		\$0.0648	\$0.0317	\$0.0965	
		Demand (0 to 30kVA) - Variable Controlled	\$0.0426	\$0.0253	\$0.0679		\$0.0421	\$0.0206	\$0.0627	
High Density	PNH0100	Demand (31 to 100kVA) - Fixed Charges	\$4.5282	\$2.4026	\$6.9308	277	\$4.9123	\$1.9533	\$6.8656	276
		Demand (31 to 100kVA) - Variable Uncontrolled	\$0.0448	\$0.0266	\$0.0714		\$0.0442	\$0.0216	\$0.0658	
		Demand (31 to 100kVA) - Variable Controlled	\$0.0291	\$0.0172	\$0.0463		\$0.0287	\$0.0140	\$0.0427	
High Density	PNH0300	Demand (101 to 300kVA) - Fixed Charges	\$9.3875	\$4.5305	\$13.9180	67	\$9.2631	\$3.6833	\$12.9464	66
		Demand (101 to 300kVA) - Variable Uncontrolled	\$0.0365	\$0.0216	\$0.0581		\$0.0361	\$0.0176	\$0.0537	
		Demand (101 to 300kVA) - Variable Controlled	\$0.0237	\$0.0140	\$0.0377		\$0.0234	\$0.0114	\$0.0348	
High Density	PTH0300	TOU - Demand (201 to 300kVA) - Fixed Charges	\$15.6460	\$7.5507	\$23.1967	6	\$15.4386	\$6.1388	\$21.5774	6
		TOU - Demand (201 to 300kVA) - Variable Evening Peak	\$0.0345	\$0.0193	\$0.0538		\$0.0340	\$0.0157	\$0.0497	
		TOU - Demand (201 to 300kVA) - Variable Morning Peak	\$0.0323	\$0.0180	\$0.0503		\$0.0318	\$0.0146	\$0.0464	
High Density	PNH0500	TOU - Demand (301 to 500kVA) - Fixed Charges	\$17.6374	\$8.5117	\$26.1491	16	\$17.4035	\$6.9201	\$24.3236	16
		TOU - Demand (301 to 500kVA) - Variable Evening Peak	\$0.0345	\$0.0193	\$0.0538		\$0.0340	\$0.0157	\$0.0497	
		TOU - Demand (301 to 500kVA) - Variable Morning Peak	\$0.0323	\$0.0180	\$0.0503		\$0.0318	\$0.0146	\$0.0464	
High Density	PNH1000	TOU - Demand (501 to 1000kVA) - Fixed Charges	\$27.3093	\$13.1795	\$40.4888	20	\$26.9473	\$10.7150	\$37.6623	20
		TOU - Demand (501 to 1000kVA) - Variable Evening Peak	\$0.0345	\$0.0193	\$0.0538		\$0.0340	\$0.0157	\$0.0497	
		TOU - Demand (501 to 1000kVA) - Variable Morning Peak	\$0.0323	\$0.0180	\$0.0503		\$0.0318	\$0.0146	\$0.0464	
High Density	PNH4500	TOU - Demand (1001 to 4500kVA) - Fixed Charges	\$68.2733	\$32.9486	\$101.2219	1	\$67.3685	\$26.7875	\$94.1560	1
		TOU - Demand (1001 to 4500kVA) - Variable Evening Peak	\$0.0345	\$0.0193	\$0.0538		\$0.0340	\$0.0157	\$0.0497	
		TOU - Demand (1001 to 4500kVA) - Variable Morning Peak	\$0.0323	\$0.0180	\$0.0503		\$0.0318	\$0.0146	\$0.0464	
High Density	PNH6500	TOU - Demand (4501 to 6500kVA) - Fixed Charges	\$103.9032	\$50.1439	\$154.0471	1	\$102.5263	\$40.7674	\$143.2937	1
		TOU - Demand (4501 to 6500kVA) - Variable Evening Peak	\$0.0345	\$0.0193	\$0.0538		\$0.0340	\$0.0157	\$0.0497	
		TOU - Demand (4501 to 6500kVA) - Variable Morning Peak	\$0.0323	\$0.0180	\$0.0503		\$0.0318	\$0.0146	\$0.0464	
Low Density	PNL0003	Low Capacity (0 to 3kVA) - Fixed Charges	\$0.2845	\$0.1371	\$0.4216	120	\$0.2808	\$0.1115	\$0.3923	119
		Low Capacity (0 to 3kVA) - Variable Uncontrolled	\$0.1054	\$0.0625	\$0.1679		\$0.1041	\$0.0508	\$0.1549	
		Low Capacity (0 to 3kVA) - Variable Controlled	\$0.0824	\$0.0441	\$0.1265		\$0.0803	\$0.0358	\$0.1161	
Low Density	PNL0030	Demand (0 to 30kVA) - Fixed Charges	\$1.5996	\$0.7102	\$2.3098	3,582	\$1.5784	\$0.5774	\$2.1558	3,604
		Demand (0 to 30kVA) - Variable Uncontrolled	\$0.0685	\$0.0406	\$0.1091		\$0.0676	\$0.0330	\$0.1006	
		Demand (0 to 30kVA) - Variable Controlled	\$0.0446	\$0.0264	\$0.0710		\$0.0440	\$0.0215	\$0.0655	
Low Density	PNL0100	Demand (31 to 100kVA) - Fixed Charges	\$4.5282	\$2.4026	\$6.9308	100	\$4.9123	\$1.9533	\$6.8656	99
		Demand (31 to 100kVA) - Variable Uncontrolled	\$0.0521	\$0.0309	\$0.0830		\$0.0515	\$0.0251	\$0.0766	
		Demand (31 to 100kVA) - Variable Controlled	\$0.0339	\$0.0200	\$0.0539		\$0.0334	\$0.0163	\$0.0497	
Low Density	PNL0300	Demand (101 to 300kVA) - Fixed Charges	\$9.3875	\$4.5305	\$13.9180	17	\$9.2631	\$3.6833	\$12.9464	17
		Demand (101 to 300kVA) - Variable Uncontrolled	\$0.0416	\$0.0247	\$0.0663		\$0.0411	\$0.0201	\$0.0612	
		Demand (101 to 300kVA) - Variable Controlled	\$0.0270	\$0.0160	\$0.0430		\$0.0267	\$0.0130	\$0.0397	
Low Density	PTL0300	TOU - Demand (201 to 300kVA) - Fixed Charges	\$15.6460	\$7.5507	\$23.1967	1	\$15.4386	\$6.1388	\$21.5774	1
		TOU - Demand (201 to 300kVA) - Variable Evening Peak	\$0.0362	\$0.0200	\$0.0562		\$0.0358	\$0.0163	\$0.0521	
		TOU - Demand (201 to 300kVA) - Variable Morning Peak	\$0.0339	\$0.0188	\$0.0527		\$0.0334	\$0.0153	\$0.0487	
Low Density	PNL0500	TOU - Demand (301 to 500kVA) - Fixed Charges	\$17.6374	\$8.5117	\$26.1491	3	\$17.4035	\$6.9201	\$24.3236	3
		TOU - Demand (301 to 500kVA) - Variable Evening Peak	\$0.0362	\$0.0200	\$0.0562		\$0.0358	\$0.0163	\$0.0521	
		TOU - Demand (301 to 500kVA) - Variable Morning Peak	\$0.0339	\$0.0188	\$0.0527		\$0.0334	\$0.0153	\$0.0487	
Low Density	PNL1000	TOU - Demand (501 to 1000kVA) - Fixed Charges	\$27.3093	\$13.1795	\$40.4888	1	\$26.9473	\$10.7150	\$37.6623	1
		TOU - Demand (501 to 1000kVA) - Variable Evening Peak	\$0.0362	\$0.0200	\$0.0562		\$0.0358	\$0.0163	\$0.0521	
		TOU - Demand (501 to 1000kVA) - Variable Morning Peak	\$0.0339	\$0.0188	\$0.0527		\$0.0334	\$0.0153	\$0.0487	
Low Density	PNL4500	TOU - Demand (1001 to 4500kVA) - Fixed Charges	\$68.2733	\$32.9486	\$101.2219	1	\$67.3685	\$26.7875	\$94.1560	1
		TOU - Demand (1001 to 4500kVA) - Variable Evening Peak	\$0.0362	\$0.0200	\$0.0562		\$0.0358	\$0.0163	\$0.0521	
		TOU - Demand (1001 to 4500kVA) - Variable Morning Peak	\$0.0339	\$0.0188	\$0.0527		\$0.0334	\$0.0153	\$0.0487	
Low Density	PNL6500	TOU - Demand (4501 to 6500kVA) - Fixed Charges	\$103.9032	\$50.1439	\$154.0471	0	\$102.5263	\$40.7674	\$143.2937	0
		TOU - Demand (4501 to 6500kVA) - Variable Evening Peak	\$0.0362	\$0.0200	\$0.0562		\$0.0358	\$0.0163	\$0.0521	
		TOU - Demand (4501 to 6500kVA) - Variable Morning Peak	\$0.0339	\$0.0188	\$0.0527		\$0.0334	\$0.0153	\$0.0487	
Generation	PNG0500	TOU - Demand (301 to 500kVA) - Fixed Charges	\$17.4913	\$0.0000	\$17.4913	0	\$16.9407	\$0.0000	\$16.9407	0
		TOU - Demand (501 to 1000kVA) - Fixed Charges	\$27.3093	\$0.0000	\$27.3093		\$26.9473	\$0.0000	\$26.9473	
		TOU - Demand (1001 to 4500kVA) - Fixed Charges	\$67.7081	\$0.0000	\$67.7081		\$65.5769	\$0.0000	\$65.5769	
Distributed Generation	DG	TOU - Demand (4501 to 6500kVA) - Fixed Charges	\$103.0432	\$0.0000	\$103.0432	111	\$99.7997	\$0.0000	\$99.7997	76
		DG	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	
		All Variable Distributed Generation	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	

Tariff definitions, terms and conditions of supply



Customer classification

Domestic (Price Category PDxxxxx) Connection Definition:

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.

An installation only qualifies for Domestic tariff if it satisfies the following:

- It is the consumer's primary and permanent place of residence. Thereby excludes: Holiday homes, shearer's quarters, separately connected outbuildings, premises that constitute any part of premises described in the Residential Tenancies Act 1986.
- No other person residing in these premises is claiming primary domestic residence at another site whether on Eastland Network's distribution system or elsewhere in New Zealand.
- For the avoidance of doubt: A person cannot have multiple primary places of residence eligible for - Electricity (Low Fixed Charge Option for Domestic Consumers) Regulations 2004. Only one Installation Control Point (ICP) on a consumer's account can be classified as Domestic.
- The connection does not supply electricity for any Non-Domestic, Business, or Commercial activity. Therefore, metering and electricity consumption must be for Domestic reasons only (i.e. mixed end use of electricity reverts to Non-Domestic supply).
- For Eastland Network to distinguish the correct tariff, retailers must provide monthly information for 'active' ICPs as requested below:
 - 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 - EIEP4. Please note: Eastland Network needs to be able to ensure eligibility criteria is correct, otherwise the applicable tariff will default to Non-Domestic.

- 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

- All persons wishing to change classification to the Domestic definition will be required to complete a 'declaration for domestic supply' and approved by Eastland Network.

Non-Domestic (Price Category PNxxxxx) Connection Definition:

All connections that are not Domestic.

Supply categories

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 is in normal circumstances available for a minimum of 18 hours each day, 7 days each week.

Cost of supply zones

There are two cost of supply zones:

High Density (xxHxxxx) Applies generally to an Urban district.

Low Density (xxLxxxx) Applies generally to a Non-urban district.

Special purpose tariffs

Low capacity (Price Category xxx0003): ICPs are 3kVA connections, protected with a miniature circuit breaker of approved size and installation standard.

Night Rate Tariff (excludes street lighting): From 1 April 2011 this tariff is closed and no new connections will be allocated to it or any existing connections be moved (Switching Retailers or Tariffs) onto it. Connections already on this tariff are permitted to remain. This tariff is applicable for the connection of larger, more efficient fixed wire storage capacity appliances only and to the time period, half hour ending 23:30 to 07:00.

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 Non-Domestic connections are applied to the assessed demand at each such ICP.

Unmetered Supply: Unless explicitly exempt by Eastland Network NO new unmetered supply points will be allowed on the Network system.

Time of use (TOU) and assessed demand tariffs

Connections must have compliant metering to be eligible for a TOU tariff. Connections must have a capacity requirement greater than 201kVA 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	12:00 to 17:00
Evening Peak	17:00 to 21:00
Off Peak	21:00 to 23:00
Night	23:00 to 07:00

Demand Assessment

kVA demand 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.

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
- Pricing assessments will be reviewed at least annually and will remain applicable until the next annual review (i.e. annual pricing)
- Failure by the consumer to remedy non-compliance after written notice may result in allocation of a higher ICP charge to recover losses
- Changes resulting from assessments between reviews will only be considered from the date Eastland Network is requested to confirm assessment.

Permanent Disconnections from the Network

When an installation is vacated and its ICP status is changed to Inactive 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				
xxx0003	xxx0030	xxx0100	xxx0300	xTx0300
\$0.4216	\$2.3098	\$6.9308	\$13.9180	\$23.1967

Price category and additional fixed daily charge			
xxx0500	xxx1000	xxx4500	xxx6500
\$26.1491	\$40.4888	\$101.2219	\$154.0471

Other items

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

Timing of data: Any information required for billing processing needs to be submitted by the retailer to Eastland Network before the eighth working day of the month.

Loss factors applicable to Eastland Network:

400V connections	1.1051
11kV connections	1.0822

Wairoa multiple connections on single invoice (1999