# **Eastland Network Schedule of Charges**

### Effective 1 April 2017

Generation

**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 2017. 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. Line Charges Effective 1 April 2017 Variable charges are shown as a per kWh charge as metered at the ICF Line Charges Effective 1 April 2016 Custome Customer Category Domestic Consumers Distribution Total No's Distribution Transmission Total No's Trans mission \$0.0375 \$0.1500 \$0.0375 \$0.1500 Fixed Charges \$0.1125 \$0.1125 Variable Uncontrolled \$0.1177 \$0.0471 \$0.1648 \$0.1124 \$0.1578 \$0.0454 High Density PDH0030 13.707 13.727 \$0.0857 \$0.0584 \$0.0236 \$0.0820 Variable Controlled \$0.0612 \$0.0245 Variable Night \$0.0213 \$0.0146 \$0.0205 \$0.0152 \$0.0061 \$0.0059 **Fixed Charges** \$0.1125 \$0.0375 \$0.1500 \$0.1125 \$0.0375 \$0.1500 \$0.1373 \$0.1845 \$0.0555 \$0.1928 \$0.1310 \$0.0535 Variable Uncontrolled Low Density PDL0030 5,679 5,669 \$0.1041 \$0.0707 \$0.0289 \$0.0996 Variable Controlled \$0.0741 \$0.0300 Variable Night \$0.0177 \$0.0072 \$0.0249 \$0.0170 \$0.0069 \$0.0239 Non Domes \$0.2981 \$0.1422 \$0.4403 \$0.2845 \$0.1371 \$0.4216 Low Capacity (0 to 3kVA) - Fixed Charges Low Capacity (0 to 3kVA) - 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#### 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:

- the Residential Tenancies Act 1986.
- No other person residing in these premises is claiming primary distribution system or elsewhere in New Zealand.
- as Domestic
- electricity reverts to Non-Domestic supply).
- 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	Up to 32 amps
	per phase	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.

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

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 ICF

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				
Morning Peak 07:00 to 12:0	00			
Off Peak 12:00 to 17:0	0			
Evening Peak 17:00 to 21:0	0			
Off Peak 21:00 to 23:0	00			
Night 23:00 to 07:	00			

## Tariff definitions, terms and conditions of supply

• It is the consumer's primary and permanent place of residence. Thereby excludes: Holiday homes, shearers' guarters, separately connected outbuildings, premises that constitute any part of premises described in

domestic residence at another site whether on Eastland Network's

• 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

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

 For Eastland Network to distinguish the correct tariff, retailers must provide monthly information for 'active' ICPs as requested below:

## Non-Domestic (Price Category PNxxxxx) Connection Definition:

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

as follows:



#### **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
\$0.4403	\$2.4122	\$7.2398	\$14.5323	\$24.2207

#### Price category and additional fixed daily charge

xxx0500	xxx1000	xxx4500	xxx6500
\$27.3034	\$42.2761	\$105.6902	\$160.8472

#### 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 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 Non-Domestic tariff.

#### Distributed Generation connections

Each generator connected to the Network will be subject to a separate agreement and the line charge will be provided on application to Eastland Network. The line charge will be dependent upon location, the type of connection, the size of the generator and operating pattern.

#### Credit adjustments

Eastland Network reserves the right to make any credit adjustments that it may deem necessary in order to satisfy price control targets.

#### All prices as showen exclude GST