



Eastland
Network

Annual Compliance Statement

**Electricity Distribution Services Default
Price-Quality Path Determination 2015**

**For the assessment period:
1 April 2018 to 31 March 2019**



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1 Summary of Compliance

For the assessment period 1 April 2018 – 31 March 2019, Eastland Network Limited complied with the Price path and the SAIDI and SAIFI quality standards

Test	Result	Result
Price path threshold	$\frac{NR_{2019}}{R_{2019}} \leq 1$	Compliant
Quality threshold - SAIDI	$\frac{SAIDI_{ASSESS,2019}}{SAIDI_{LIMIT}} \leq 1$	Compliant
Quality threshold - SAIFI	$\frac{SAIFI_{ASSESS,2019}}{SAIFI_{LIMIT}} \leq 1$	Compliant

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Eastland Network Limited

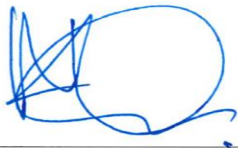
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2 Director's Certificate

We, Matanuku Mahuika and John Rae, being directors of Eastland Network Limited certify that, having made all reasonable enquiry, to the best of our knowledge and belief, the attached Annual Compliance Statement of Eastland Network Limited, and related information, prepared for the purposes of the Electricity Distribution Default Price-Quality Path Determination 2015 are true and accurate.



Director



Director

27-05-2019

Date

27/5/19

Date

Note: Section 103(2) of the Commerce Act 1986 provides that no person shall attempt to deceive or knowingly mislead the Commission in relation to any matter before it. It is an offence to contravene section 103(2) and any person who does so is liable on summary conviction to a fine not exceeding \$10,000 in the case of an individual or \$30,000 in the case of a body corporate.

3 Introduction

This Threshold Compliance Statement (this statement) is submitted by Eastland Network Limited (Eastland) pursuant to the Electricity Distribution Services Default Price-Quality Path Determination 2015 (the Determination).

This statement provides threshold compliance information applicable to the Assessment Period of 1 April 2018 to 31 March 2019.

All financial figures in this Statement are represented in thousands (000's) unless stated otherwise.

4 Price Path

As required under clause 11.4 of the Determination, this Statement includes information to demonstrate compliance with clause 8. This information takes the form of:

- allowable notional revenue;
- notional revenue;
- prices (disaggregated into Distribution, Distribution Pass-through, Transmission prices);
- quantities;
- units of measurement associated with all numeric data;
- pass-through revenues;
- pass-through costs;
- recoverable costs; and
- other relevant data, information, and calculations, that states Eastland's position with respect to the price path threshold as described in clause 8 of the Determination.

4.1 Compliance with the price path

Eastland is compliant with the 2019 price path if at any time during the Assessment Period its notional revenue (NR_{2019}) did not exceed the allowable notional revenue (ANR_{2019});

$$\frac{NR_{2019}}{ANR_{2019}} \leq 1$$

Where -

NR_{2019} - Notional revenue from 1 April 2018 to 31 March 2019

ANR_{2019} - Allowable notional revenue from 1 April 2018 to 31 March 2019

Eastland Network Limited's 2019 price path was 0.997 and is therefore compliant with clause 8.3 of the Default Price-Quality Path Determination 2015.

$$\frac{25,530}{25,619} = 0.997 \leq 1$$

5 Pass-through Balance

Under section 8.6 of the determination, Eastland must calculate a Pass-through Balance in accordance with the formula -

$$PTB_t = \sum_i PTP_{i,t} Q_{i,t} - K_t - V_t + PTB_{t-1}(1+r)$$

Where -

t is the year in which the Assessment Period ends;

i denotes each Pass-through Price;

PTB_t is the Pass-through Balance for the Assessment Period t ;

PTB_{t-1} is-

- nil in the first Assessment Period in which a Non-exempt EDB must calculate a Pass-through Balance, and
- in all other Assessment Periods the Pass-through Balance for the Assessment Period prior to year t , as calculated using any additional information available at the end of the Assessment period t ;

$PTP_{i,t}$ is the i^{th} Pass-through Price during any part of the Assessment Period t ;

$Q_{i,t}$ is the Quantity for the Assessment Period t corresponding to the i^{th} Pass-through Price;

K_t is the sum of all Pass-through Costs that apply to the Assessment Period t ;

V_t is the sum of all Recoverable Costs that apply to the Assessment Period t ; and

r is the Cost of Debt.

The pass-through balance for the year ended 31 March 2019 is \$1,109 over-recovered. This amount is to be deducted from next year's recoverable costs and included in distribution line charges for 2019/20.

The Pass-through Balance for Eastland for the first assessment period ending 31 March 2019 is (\$000's):

Pass-through Revenue $\sum PTP_{i,2019} Q_{i,2019}$	10,371
Less Pass-through costs K_{2019}	433
Less Recoverable costs V_{2019}	9,689
2019 Pass-through difference	249

Pass Through Balance ₂₀₁₈	811
Multiply by (1+cost of debt)	1.0609
<u>Add to 2019 Pass-through difference</u>	<u>860</u>
<u>Pass-through Balance₂₀₁₉</u>	<u>1,109</u>

The Pass-through Balance for Eastland for the prior assessment period ending 31 March 2018 was (\$000's):

$\sum PTP_{i,2018} Q_{i,2018}$	11,974
Less K_t	389
<u>Less V_t</u>	<u>10,414</u>
2018 Pass-through difference	1,171
Less PTB ₂₀₁₇	(339)
Multiply by (1+6.09%)	1.0609
<u>Plus</u>	<u>(360)</u>
<u>Pass-through Balance</u>	<u>811</u>

Pass-through prices are calculated to minimise the pass-through balance as much as possible. However, variances occur due to actual costs and quantities (kwh of energy & the number of customers) being different than those forecast.

Pass-through costs include Rates on Network Assets and Industry levies from regulatory bodies such as the Commerce Commission, Electricity Authority and Utilities Disputes Limited. The total recoverable costs relate largely to Transpower charges and distributed generation allowances but also includes the capex wash-up allowance and quality incentive value applicable for the 2018/19 pricing year.

Distribution and pass-through prices are determined by allocating revenue requirements for the network across consumer groups. Eastland uses the following allocators which are key drivers of network costs. These allocators are the number of connections (ICP), energy use (kWhs), Installed capacity (KVA), and contribution to Regional Coincident Peak Demand.

Pass through costs are allocated on the basis of either capacity or ICP depending on whether the costs relate to assets built or overhead costs. Eastland Network have allocated transmission costs to consumer groups using a close approximation to the methodology set out in Transpowers transmission pricing methodology. Interconnection charges are allocated to consumers based on their share of total coincident peak demand on Eastland's network. Connection costs are allocated on the basis of capacity to reflect the assets owned and operated by Transpower are built for a particular capacity within the region.

Distributed Generation Allowances are allocated on the basis of regional coincidence peak demand (RCPD) as any reduction in coincidental peak also reduces the Interconnection charges from Transpower.

Further details regarding the methodology used to calculate prices are available in our pricing methodology.

6 Quality Standards

As required under clause 9 of the Determination, this Statement documents the assessed values and reliability limits for the Assessment Period as well as the relevant SAIDI and SAIFI statistics and calculations together with other relevant data and information.

6.1 Compliance with quality standards

To comply with Quality standards, Eastland must not exceed its SAIDI or SAIFI reliability limit for

- a) the 2019 Assessment Period; or
- b) the two immediately preceding extant Assessment Periods.

SAIDI compliance

Eastland does not exceed its reliability limit if

$$\frac{SAIDI_{ASSESS,2019}}{SAIDI_{LIMIT}} \leq 1$$

The SAIDI Reliability Limit for the 2018/19 Assessment Period is:

$$SAIDI_{LIMIT} = 285.78$$

In the 2018/19 Assessment Period, Eastland's SAIDI was 208.55 and therefore falls within Quality Thresholds. As a result, Eastland complies with clause 9.1(a) of the Determination.

$$SAIDI_{2019} \text{ Reliability Assessment} = \frac{208.30}{285.78} = 0.73 < 1$$

The SAIDI Reliability Assessment for the two preceding periods were:

$$SAIDI_{2018} \text{ Reliability Assessment} = \frac{221.50}{285.78} = 0.78 < 1$$

$$SAIDI_{2017} \text{ Reliability Assessment} = \frac{309.99}{285.78} = 1.08 > 1$$

As a result, Eastland complies with clause 9.1(b) of the Determination.

SAIFI compliance

The SAIFI quality threshold performance is as follows:

$$\frac{SAIFI_{ASSESS,2019}}{SAIFI_{LIMIT}} \leq 1$$

The SAIFI Reliability Limit for the 2018/19 Assessment Period is:

$$SAIFI_{LIMIT} = 3.77$$

In the 2018/19 Assessment Period, Eastland's SAIFI was 2.89 and therefore falls within Quality Thresholds.
As a result Eastland complies with clause 9.1(a) of the Determination.

$$SAIFI_{2019} \text{ Reliability Assessment} = \frac{2.89}{3.77} = 0.77 < 1$$

The SAIFI Reliability Assessment for the two preceding periods were:

$$SAIFI_{2018} \text{ Reliability Assessment} = \frac{3.25}{3.77} = 0.86 < 1$$

$$SAIFI_{2017} \text{ Reliability Assessment} = \frac{3.32}{3.77} = 0.88 < 1$$

As a result, Eastland complies with clause 9.1(b) of the Determination.

6.2 Procedures and policies for recording SAIDI and SAIFI

As required under clause 11.5(e) of the Determination, the policies and procedures used by Eastland for recording the SAIDI and SAIFI statistics for the assessment period are described below.

Procedures

Connection Connectivity:

- Individual network connections are linked to a specific distribution transformer via GIS and ICP Billing system data outputs.
- Connection information and network connectivity is updated in GIS and ICP Billing systems from Network Alteration Application forms and/or as built Network Alteration data returns.
- GIS connection counts per network segment are updated and reviewed against ICP Billing system data six monthly.
- The process of Outage Notification to energy retailers provides an audit of connection and connectivity data accuracy.
- **Responsibility:** Project Engineers and Information Manager.

Interruption Data Capture:

- A Supply Interruption Data Input Form is completed for all notifiable outages. Data is captured in accordance with the definitions and requirements of the Electricity Distribution Information Disclosure Determination 2012, Electricity Distribution Services Default Price-Quality Path Determination 2015 and Reliability Performance Measurement Manual 1994 (and updates).
- **Responsibility:** System Operator

Interruption Data Analysis and Reporting:

- Interruption data entered into Outage Database and used for internal and external reporting.
 - **Responsibility:** GM Networks

Policies

- Collection and analysis of interruption data is to be completed in accordance with Electricity Distribution Information Disclosure Determination 2012, Electricity Distribution Services Default Price-Quality Path Determination 2015 and Reliability Performance Measurement Manual 1994 (and updates).
- Monthly comparison of actual interruption performance with Asset Management Plan and Statement of Corporate Intent targets reported to and reviewed by the Board of Directors.
- Annual audits are undertaken on Connectivity, Interruption data capture and reporting processes to determine the accuracy and compliance of deliverables.

6.3 Major Event Day causes

11/06/2018 and 12/06/2018 –Wild stormy weather caused several separate outages on the network affecting 9,867 customers. Remote areas of the network were affected resulting in the last outages being restored 19/06/2018.

The summed minutes of all the interruptions beginning the 11/06/2018 and 12/06/2018 resulted in an assessed SAIDI unplanned boundary value. The summed customers of all the interruptions beginning 11/06/2018 resulted in a SAIFI unplanned boundary value.

8/07/2018 – High winds and continuous heavy rain caused a 50kv city feeder to trip causing an interruption to 5,562 customers. The power was restored within 33 minutes.

The summed minutes of all the interruptions beginning the 08/07/2018 resulted in an assessed SAIFI boundary value.

25/09/2018 – An unknown trip caused by work being carried out during a large transformer upgrade involving main city feeders caused an interruption for a maximum of 19 minutes to 11,741 customers.

The summed minutes of all the interruptions beginning the 25/09/2018 resulted in an assessed SAIFI boundary value.

7 Restructuring of Prices

Eastland did not restructure any prices during the Assessment Period.

8 Transfer of Transmission Assets with Transpower

On 1 April 2015, Eastland Network acquired the Spur Transmission lines between Tuai and Gisborne, Tuai and Wairoa and Gisborne to Tokomaru Bay. The value of these assets has been incorporated into Eastland Network's pricing for the 2018/19 year. The transaction also provided an incentive of \$3.746m of Avoided Costs of Transmission which are included in Recoverable costs.

9 Amalgamation or Merger

Eastland did not enter into an amalgamation or merger during the Assessment Period.

10 Major Transactions

Eastland did not enter into any major transactions during the Assessment Period.

11 Price Path Threshold Supporting Calculations

11.1 Notional revenue for the assessment period

Notional revenue ($NR_{2018/19}$) for the period from 1 April 2018 to 31 March 2019 is calculated in accordance with the following formula:

$$NR_{2018/19} = \sum DP_{i,2018/19} Q_{i,2016/17}$$

Definitions:

- NR_{2018/19} = The Notional Revenue for the period of 1 April 2018 to 31 March 2019.
- DP_{i,2018/19} = The Eastland distribution prices that applied during the Assessment Period 1 April 2018 to 31 March 2019.
- Q_{i,2016/17} = The Eastland quantities that applied for the pricing period 1 April 2016 to 31 March 2017.

Notional Revenue (NR _{2018/19}) (\$000's)	$\sum DP_{i,2018/19} Q_{i,2016/17}$	25,530
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11.2 Allowable notional revenue for the assessment period

The allowable notional revenue (ANR_{2018/19}) for the period from 1 April 2018 to 31 March 2019 is calculated in accordance with the following formula:

$$ANR_{2018/19} = (\sum DP_{i,2017/18} Q_{i,2016/17} + (ANR_{2017/18} - NR_{2017/18}))(1 + \Delta CPI_{2018/19})(1 - X)$$

Definitions:

- ANR_{2018/19} = The Allowable Notional Revenue for the period of 1 April 2018 to 31 March 2019.
- DP_{i,2016/17} = the *i*th distribution price that applied during the assessment period from 1 April 2017 to 31 March 2018.
- Q_{i,2016/17} = Quantities for the assessment period from 1 April 2016 to 31 March 2017 corresponding to the *i*th distribution price.
- ANR_{2017/18} = is the allowable notional revenue for the assessment period from 1 April 2017 to 31 March 2018.
- NR_{2017/18} = is the notional revenue for the assessment period from 1 April 2017 to 31 March 2018.
- ΔCPI = is the derived change in CPI to be applied for the Assessment Period ending in the year 2018/19, being equal to:
- $$\frac{CPI_{Dec,2016} + CPI_{Mar,2017} + CPI_{Jun,2017} + CPI_{Sep,2017}}{CPI_{Dec,2015} + CPI_{Mar,2016} + CPI_{Jun,2016} + CPI_{Sep,2016}} - 1$$
- X = is the annual rate of change applicable to Eastland Network Limited as stated in Schedule 2 of the Electricity Distribution Services Default Price-Quality Path Determination 2015 which is -3%.

The calculation follows (\$000's):

	$\sum DP_{i,2017/18} Q_{i,2016/17}$	24,350
Plus	ANR _{2017/18}	24,825

<i>Minus</i>	NR _{2017/18}	<u>(24,739)</u>
		<u>24,436</u>
Multiply by	1+ Δ CPI _{2018/19}	1.018
Multiply by	1-X	<u>1.030</u>
Allowable Notional Revenue (ANR _{2018/19})		<u>25,619</u>

12 Quantities for period from 1 April 2016 to 31 March 2017

Price Category	Consumer Group	Charge Type	2016/17	
			ICPs	Kwh
Domestic				
PDH0030	Domestic	Fixed Daily Charge	13,717	
PDH0030	Domestic	Consumption Uncontrolled		58,433,592
PDH0030	Domestic	Consumption Controlled		23,096,991
PDH0030	Domestic	Consumption Night		24,247
Domestic - High Density				
PDL0030	Domestic	Fixed Daily Charge	5,657	
PDL0030	Domestic	Consumption Uncontrolled		26,415,626
PDL0030	Domestic	Consumption Controlled		8,840,517
PDL0030	Domestic	Consumption Night		41,824
Non-Domestic - High Density				
PNH0003	Low Capacity (0 to 3kVA)	Fixed Daily Charge	134	
PNH0003	Low Capacity (0 to 3kVA)	Capacity Charge		
PNH0003	Low Capacity (0 to 3kVA)	Demand Charge		
PNH0003	Low Capacity (0 to 3kVA)	Consumption Uncontrolled		658,335
PNH0003	Low Capacity (0 to 3kVA)	Consumption Controlled		201
PNH0003	Low Capacity (0 to 3kVA)	Consumption Night		0
Non-Domestic - Medium Density				
PNH0030	Demand (0 to 30kVA)	Fixed Daily Charge	1,672	
PNH0030	Demand (0 to 30kVA)	Capacity Charge		
PNH0030	Demand (0 to 30kVA)	Demand Charge		
PNH0030	Demand (0 to 30kVA)	Consumption Uncontrolled		20,074,359
PNH0030	Demand (0 to 30kVA)	Consumption Controlled		1,002,568
PNH0030	Demand (0 to 30kVA)	Consumption Night		32,615
Non-Domestic - Low Density				
PNH0100	Demand (31 to 100kVA)	Fixed Daily Charge	283	
PNH0100	Demand (31 to 100kVA)	Capacity Charge		
PNH0100	Demand (31 to 100kVA)	Demand Charge		
PNH0100	Demand (31 to 100kVA)	Consumption Uncontrolled		19,736,688
PNH0100	Demand (31 to 100kVA)	Consumption Controlled		347,900
PNH0100	Demand (31 to 100kVA)	Consumption Night		234,073
Non-Domestic - Very Low Density				
PNH0300	Demand (101 to 300kVA)	Fixed Daily Charge	68	
PNH0300	Demand (101 to 300kVA)	Capacity Charge		
PNH0300	Demand (101 to 300kVA)	Demand Charge		
PNH0300	Demand (101 to 300kVA)	Consumption Uncontrolled		14,011,454
PNH0300	Demand (101 to 300kVA)	Consumption Controlled		0
PNH0300	Demand (101 to 300kVA)	Consumption Night		0
Non-Domestic - Special				
PTH0300	TOU - Demand (201-300kVA)	Fixed Daily Charge	6	
PTH0300	TOU - Demand (201-300kVA)	Consumption Uncontrolled		
PTH0300	TOU - Demand (201-300kVA)	Consumption Evening Peak		470,167
PTH0300	TOU - Demand (201-300kVA)	Consumption Morning Peak		656,280
PTH0300	TOU - Demand (201-300kVA)	Consumption Off Peak		856,631
PTH0300	TOU - Demand (201-300kVA)	Consumption Night		620,792

Price Category	Consumer Group	Charge Type	Actual ICPs	Actual Kwh
PNH0500	TOU - Demand (301-500kVA)	Fixed Daily Charge	16	
PNH0500	TOU - Demand (301-500kVA)	Capacity Charge		
PNH0500	TOU - Demand (301-500kVA)	Demand Charge		
PNH0500	TOU - Demand (301-500kVA)	Consumption Evening Peak		1,281,613
PNH0500	TOU - Demand (301-500kVA)	Consumption Morning Peak		2,141,246
PNH0500	TOU - Demand (301-500kVA)	Consumption Off Peak		2,686,826
PNH0500	TOU - Demand (301-500kVA)	Consumption Night		2,173,551
PNH1000	TOU - Demand (501-1000kVA)	Fixed Daily Charge	21	
PNH1000	TOU - Demand (501-1000kVA)	Capacity Charge		
PNH1000	TOU - Demand (501-1000kVA)	Demand Charge		
PNH1000	TOU - Demand (501-1000kVA)	Consumption Evening Peak		4,050,672
PNH1000	TOU - Demand (501-1000kVA)	Consumption Morning Peak		5,668,961
PNH1000	TOU - Demand (501-1000kVA)	Consumption Off Peak		7,544,389
PNH1000	TOU - Demand (501-1000kVA)	Consumption Night		6,883,553
PNH4500	TOU - Demand (1001-4500kVA)	Fixed Daily Charge	1	
PNH4500	TOU - Demand (1001-4500kVA)	Capacity Charge		
PNH4500	TOU - Demand (1001-4500kVA)	Demand Charge		
PNH4500	TOU - Demand (1001-4500kVA)	Consumption Evening Peak		1,403,499
PNH4500	TOU - Demand (1001-4500kVA)	Consumption Morning Peak		1,854,243
PNH4500	TOU - Demand (1001-4500kVA)	Consumption Off Peak		2,543,489
PNH4500	TOU - Demand (1001-4500kVA)	Consumption Night		2,414,357
PNH6500	TOU - Demand (4501-6500kVA)	Fixed Daily Charge	1	
PNH6500	TOU - Demand (4501-6500kVA)	Capacity Charge		
PNH6500	TOU - Demand (4501-6500kVA)	Demand Charge		
PNH6500	TOU - Demand (4501-6500kVA)	Consumption Evening Peak		2,783,778
PNH6500	TOU - Demand (4501-6500kVA)	Consumption Morning Peak		4,366,791
PNH6500	TOU - Demand (4501-6500kVA)	Consumption Off Peak		5,431,561
PNH6500	TOU - Demand (4501-6500kVA)	Consumption Night		5,266,247
Non-Domestic - Low Density				
PNL0003	Low Capacity (0 to 3kVA)	Fixed Daily Charge	120	
PNL0003	Low Capacity (0 to 3kVA)	Capacity Charge		
PNL0003	Low Capacity (0 to 3kVA)	Demand Charge		
PNL0003	Low Capacity (0 to 3kVA)	Consumption Uncontrolled		237,918
PNL0003	Low Capacity (0 to 3kVA)	Consumption Controlled		0
PNL0003	Low Capacity (0 to 3kVA)	Consumption Night		0
PNL0030	Demand (0 to 30kVA)	Fixed Daily Charge	3,577	
PNL0030	Demand (0 to 30kVA)	Capacity Charge		
PNL0030	Demand (0 to 30kVA)	Demand Charge		
PNL0030	Demand (0 to 30kVA)	Consumption Uncontrolled		16,651,798
PNL0030	Demand (0 to 30kVA)	Consumption Controlled		1,490,964
PNL0030	Demand (0 to 30kVA)	Consumption Night		15,226

Price Category	Consumer Group	Charge Type	Actual ICPs	Actual Kwh
PNL0100	Demand (31 to 100kVA)	Fixed Daily Charge	100	
PNL0100	Demand (31 to 100kVA)	Capacity Charge		
PNL0100	Demand (31 to 100kVA)	Demand Charge		
PNL0100	Demand (31 to 100kVA)	Consumption Uncontrolled		4,269,322
PNL0100	Demand (31 to 100kVA)	Consumption Controlled		136,977
PNL0100	Demand (31 to 100kVA)	Consumption Night		9,980
PNL0300	Demand (101 to 300kVA)	Fixed Daily Charge	19	
PNL0300	Demand (101 to 300kVA)	Capacity Charge		
PNL0300	Demand (101 to 300kVA)	Demand Charge		
PNL0300	Demand (101 to 300kVA)	Consumption Uncontrolled		2,150,673
PNL0300	Demand (101 to 300kVA)	Consumption Controlled		0
PNL0300	Demand (101 to 300kVA)	Consumption Night		0
PTL0300	TOU - Demand (201-300kVA)	Fixed Daily Charge	1	
PTL0300	TOU - Demand (201-300kVA)	Capacity Charge		
PTL0300	TOU - Demand (201-300kVA)	Demand Charge		
PTL0300	TOU - Demand (201-300kVA)	Consumption Evening Peak		746
PTL0300	TOU - Demand (201-300kVA)	Consumption Morning Peak		56,215
PTL0300	TOU - Demand (201-300kVA)	Consumption Off Peak		52,191
PTL0300	TOU - Demand (201-300kVA)	Consumption Night		1,786
PNL0500	TOU - Demand (301-500kVA)	Fixed Daily Charge	4	
PNL0500	TOU - Demand (301-500kVA)	Capacity Charge		
PNL0500	TOU - Demand (301-500kVA)	Demand Charge		
PNL0500	TOU - Demand (301-500kVA)	Consumption Evening Peak		145,599
PNL0500	TOU - Demand (301-500kVA)	Consumption Morning Peak		207,357
PNL0500	TOU - Demand (301-500kVA)	Consumption Off Peak		274,535
PNL0500	TOU - Demand (301-500kVA)	Consumption Night		205,687
PNL1000	TOU - Demand (501-1000kVA)	Fixed Daily Charge	1	
PNL1000	TOU - Demand (501-1000kVA)	Capacity Charge		
PNL1000	TOU - Demand (501-1000kVA)	Demand Charge		
PNL1000	TOU - Demand (501-1000kVA)	Consumption Evening Peak		187,196
PNL1000	TOU - Demand (501-1000kVA)	Consumption Morning Peak		273,033
PNL1000	TOU - Demand (501-1000kVA)	Consumption Off Peak		365,683
PNL1000	TOU - Demand (501-1000kVA)	Consumption Night		239,794

Price Category	Consumer Group	Charge Type	Actual ICPs	Actual Kwh
PNL4500	TOU - Demand (1001-4500kVA)	Fixed Daily Charge	1	
PNL4500	TOU - Demand (1001-4500kVA)	Capacity Charge		
PNL4500	TOU - Demand (1001-4500kVA)	Demand Charge		
PNL4500	TOU - Demand (1001-4500kVA)	Consumption Evening Peak		2,119,113
PNL4500	TOU - Demand (1001-4500kVA)	Consumption Morning Peak		2,966,214
PNL4500	TOU - Demand (1001-4500kVA)	Consumption Off Peak		3,959,820
PNL4500	TOU - Demand (1001-4500kVA)	Consumption Night		3,357,621
PNL6500	TOU - Demand (4501-6500kVA)	Fixed Daily Charge	-	
PNL6500	TOU - Demand (4501-6500kVA)	Capacity Charge		
PNL6500	TOU - Demand (4501-6500kVA)	Demand Charge		
PNL6500	TOU - Demand (4501-6500kVA)	Consumption Evening Peak		-
PNL6500	TOU - Demand (4501-6500kVA)	Consumption Morning Peak		-
PNL6500	TOU - Demand (4501-6500kVA)	Consumption Off Peak		-
PNL6500	TOU - Demand (4501-6500kVA)	Consumption Night		-
PNG0500	Assessed Capacity (301 to 500kVA)		-	-
PNG1000	Assessed Capacity (501 to 1000kVA)		6	-
PNG4500	Assessed Capacity (1001 to 4500kVA)		1	-
PNG6500	Assessed Capacity (4501 to 6500kVA)		1	-
Total Generation				
			25,407	273,425,084

12.1 Pass-through cost variance to forecast

As required by clause 11.4(i)-(j) of the Determination, the following discusses the differences between the forecasted pass through costs that were used when Eastland set prices and the actual amounts during the Assessment Period.

The forecasted and actual Pass-through costs are as follows:

Pass-through costs (\$000's)	Forecast	Actual	Difference
Territorial Rates	301	286	(15)
Commerce Act, EA & EGCC	170	147	(23)
Total	471	433	(38)

Variance explanation:

- **Territorial rates** - The difference between forecast and actual is minimal.
- **Commerce Act, EA & EGCC Levies** - The difference between forecast and actual is minor.

The forecasted and actual Recoverable costs:

Recoverable costs (000's)	Forecast	Actual	Difference
Transpower Connection & Interconnection Charges	5,904	5904	-
Transpower New Investment Contract	89	89	-
Avoided Costs of Transmission for assets acquired from Transpower	3,746	3,746	-
Distributed Generation Allowance	640	277	(363)
Quality Incentive Allowance	(131)	(139)	(8)
Capex Wash-up Allowance	(188)	(188)	-
Total	10,060	9,689	(371)

Variance Explanations:

The variance in Distributed Generation allowance is due to the change in policy from paying Distributed Generation Allowances in advance to paying them to align with payments charges to Transpower. This change took effect from 1 Oct 2018.

The variance in the quality incentive allowance is due to a minor calculation error when setting prices.

13 Pass-through Balance Supporting Statistics

13.1 Quantities for period from 1 April 2018 to 31 March 2019

Price Category	Consumer Group	Charge Type	2018/19					
			Actual ICPs	Actual Kwh	Distribution Charge (Excl PT)	Pass Through Charge	Transmission Charge	Total Charge
Domestic								
PDH0030	Domestic	Fixed Daily Charge	13,897		0.1096	0.0029	0.0375	0.1500
PDH0030	Domestic	Consumption Uncontrolled		62,798,768	0.1215	0.0000	0.0400	0.1615
PDH0030	Domestic	Consumption Controlled		22,825,743	0.0631	0.0000	0.0208	0.0839
PDH0030	Domestic	Consumption Night		10,191	0.0158	0.0000	0.0052	0.0210
PDL0030								
PDL0030	Domestic	Fixed Daily Charge	5,692		0.1096	0.0029	0.0375	0.1500
PDL0030	Domestic	Consumption Uncontrolled		27,920,107	0.1415	0.0000	0.0472	0.1887
PDL0030	Domestic	Consumption Controlled		8,792,279	0.0763	0.0000	0.0255	0.1018
PDL0030	Domestic	Consumption Night		32,030	0.0184	0.0000	0.0061	0.0245
Total Domestic								
Non-Domestic - High Density								
PNH0003	Low Capacity (0 to 3kVA)	Fixed Daily Charge	134		0.3073	0.0054	0.1422	0.4549
PNH0003	Low Capacity (0 to 3kVA)	Capacity Charge						
PNH0003	Low Capacity (0 to 3kVA)	Demand Charge						
PNH0003	Low Capacity (0 to 3kVA)	Consumption Uncontrolled		645,374	0.0985	0.0000	0.0478	0.1463
PNH0003	Low Capacity (0 to 3kVA)	Consumption Controlled		190	0.0639	0.0000	0.0337	0.0976
PNH0003	Low Capacity (0 to 3kVA)	Consumption Night		-	0.0123	0.0000	0.0065	0.0188
PNH0030								
PNH0030	Demand (0 to 30kVA)	Fixed Daily Charge	1,687		1.7281	0.0299	0.7365	2.4945
PNH0030	Demand (0 to 30kVA)	Capacity Charge						
PNH0030	Demand (0 to 30kVA)	Demand Charge						
PNH0030	Demand (0 to 30kVA)	Consumption Uncontrolled		20,780,818	0.0708	0.0000	0.0343	0.1051
PNH0030	Demand (0 to 30kVA)	Consumption Controlled		1,014,949	0.0461	0.0000	0.0223	0.0684
PNH0030	Demand (0 to 30kVA)	Consumption Night		32,821	0.0123	0.0000	0.0065	0.0188
PNH0100								
PNH0100	Demand (31 to 100kVA)	Fixed Daily Charge	278		4.8879	0.0932	2.4915	7.4726
PNH0100	Demand (31 to 100kVA)	Capacity Charge						
PNH0100	Demand (31 to 100kVA)	Demand Charge						
PNH0100	Demand (31 to 100kVA)	Consumption Uncontrolled		19,414,122	0.0484	0.0000	0.0235	0.0719
PNH0100	Demand (31 to 100kVA)	Consumption Controlled		311,582	0.0314	0.0000	0.0151	0.0465
PNH0100	Demand (31 to 100kVA)	Consumption Night		238,047	0.0123	0.0000	0.0065	0.0188
PNH0300								
PNH0300	Demand (101 to 300kVA)	Fixed Daily Charge	71		10.1414	0.1757	4.6981	15.0152
PNH0300	Demand (101 to 300kVA)	Capacity Charge						
PNH0300	Demand (101 to 300kVA)	Demand Charge						
PNH0300	Demand (101 to 300kVA)	Consumption Uncontrolled		14,551,174	0.0395	0.0000	0.0190	0.0585
PNH0300	Demand (101 to 300kVA)	Consumption Controlled		26,283	0.0256	0.0000	0.0123	0.0379
PNH0300	Demand (101 to 300kVA)	Consumption Night		-	0.0123	0.0000	0.0065	0.0188
PTH0300								
PTH0300	TOU - Demand (201-300kVA)	Fixed Daily Charge	8		16.9025	0.2930	7.8301	25.0256
PTH0300	TOU - Demand (201-300kVA)	Consumption Uncontrolled						
PTH0300	TOU - Demand (201-300kVA)	Demand Charge						
PTH0300	TOU - Demand (201-300kVA)	Consumption Evening Peak		463,716	0.0373	0.0000	0.0170	0.0543
PTH0300	TOU - Demand (201-300kVA)	Consumption Morning Peak		680,545	0.0349	0.0000	0.0159	0.0508
PTH0300	TOU - Demand (201-300kVA)	Consumption Off Peak		868,198	0.0274	0.0000	0.0124	0.0398
PTH0300	TOU - Demand (201-300kVA)	Consumption Night		639,584	0.0141	0.0000	0.0065	0.0206
PNH0500								
PNH0500	TOU - Demand (301-500kVA)	Fixed Daily Charge	16		19.0538	0.3303	8.8266	28.2107
PNH0500	TOU - Demand (301-500kVA)	Capacity Charge						
PNH0500	TOU - Demand (301-500kVA)	Demand Charge						
PNH0500	TOU - Demand (301-500kVA)	Consumption Evening Peak		1,320,358	0.0373	0.0000	0.0170	0.0543
PNH0500	TOU - Demand (301-500kVA)	Consumption Morning Peak		2,128,091	0.0349	0.0000	0.0159	0.0508
PNH0500	TOU - Demand (301-500kVA)	Consumption Off Peak		2,718,208	0.0274	0.0000	0.0124	0.0398
PNH0500	TOU - Demand (301-500kVA)	Consumption Night		2,227,097	0.0141	0.0000	0.0065	0.0206
PNH1000								
PNH1000	TOU - Demand (501-1000kVA)	Fixed Daily Charge	23		29.5025	0.5114	13.6671	43.6810
PNH1000	TOU - Demand (501-1000kVA)	Capacity Charge						
PNH1000	TOU - Demand (501-1000kVA)	Demand Charge						
PNH1000	TOU - Demand (501-1000kVA)	Consumption Evening Peak		4,737,904	0.0373	0.0000	0.0170	0.0543
PNH1000	TOU - Demand (501-1000kVA)	Consumption Morning Peak		7,123,451	0.0349	0.0000	0.0159	0.0508
PNH1000	TOU - Demand (501-1000kVA)	Consumption Off Peak		9,197,717	0.0274	0.0000	0.0124	0.0398
PNH1000	TOU - Demand (501-1000kVA)	Consumption Night		8,171,493	0.0141	0.0000	0.0065	0.0206

Price Category	Consumer Group	Charge Type	2018/19					
			Actual		Distribution	Pass		
			ICPs	Actual Kwh	Charge (Excl PT)	Through Charge	Transmission Charge	Total Charge
PNH4500	TOU - Demand (1001-4500kVA)	Fixed Daily Charge	2		73.7562	1.2785	34.1677	109.2024
PNH4500	TOU - Demand (1001-4500kVA)	Capacity Charge			0.0000	0.0000	-	
PNH4500	TOU - Demand (1001-4500kVA)	Demand Charge			0.0000	0.0000	-	
PNH4500	TOU - Demand (1001-4500kVA)	Consumption Evening Peak		2,165,996	0.0373	0.0000	0.0170	0.0543
PNH4500	TOU - Demand (1001-4500kVA)	Consumption Morning Peak		2,749,029	0.0349	0.0000	0.0159	0.0508
PNH4500	TOU - Demand (1001-4500kVA)	Consumption Off Peak		3,732,067	0.0274	0.0000	0.0124	0.0398
PNH4500	TOU - Demand (1001-4500kVA)	Consumption Night		4,206,397	0.0141	0.0000	0.0065	0.0206
PNH6500	TOU - Demand (4501-6500kVA)	Fixed Daily Charge	1		112.2475	1.9456	51.9992	166.1923
PNH6500	TOU - Demand (4501-6500kVA)	Capacity Charge						
PNH6500	TOU - Demand (4501-6500kVA)	Demand Charge						
PNH6500	TOU - Demand (4501-6500kVA)	Consumption Evening Peak		1,205,273	0.0373	0.0000	0.0170	0.0543
PNH6500	TOU - Demand (4501-6500kVA)	Consumption Morning Peak		1,986,587	0.0349	0.0000	0.0159	0.0508
PNH6500	TOU - Demand (4501-6500kVA)	Consumption Off Peak		2,437,808	0.0274	0.0000	0.0124	0.0398
PNH6500	TOU - Demand (4501-6500kVA)	Consumption Night		2,178,194	0.0141	0.0000	0.0065	0.0206
Total High Density								
Non-Domestic - Low Density								
PNL0003	Low Capacity (0 to 3kVA)	Fixed Daily Charge	128		0.3073	0.0054	0.1422	0.4549
PNL0003	Low Capacity (0 to 3kVA)	Capacity Charge						
PNL0003	Low Capacity (0 to 3kVA)	Demand Charge						
PNL0003	Low Capacity (0 to 3kVA)	Consumption Uncontrolled		231,284	0.1138	0.0000	0.0551	0.1689
PNL0003	Low Capacity (0 to 3kVA)	Consumption Controlled			0.0739	0.0000	0.0388	0.1127
PNL0003	Low Capacity (0 to 3kVA)	Consumption Night			0.0142	0.0028	0.0074	0.0245
PNL0030	Demand (0 to 30kVA)	Fixed Daily Charge	3,520		1.7281	0.0299	0.7365	2.4945
PNL0030	Demand (0 to 30kVA)	Capacity Charge						
PNL0030	Demand (0 to 30kVA)	Demand Charge						
PNL0030	Demand (0 to 30kVA)	Consumption Uncontrolled		16,896,658	0.0739	0.0000	0.0358	0.1097
PNL0030	Demand (0 to 30kVA)	Consumption Controlled		1,452,728	0.0482	0.0000	0.0233	0.0715
PNL0030	Demand (0 to 30kVA)	Consumption Night		49,982	0.0143	0.0000	0.0074	0.0217
PNL0100	Demand (31 to 100kVA)	Fixed Daily Charge	105		4.8879	0.0932	2.4915	7.4726
PNL0100	Demand (31 to 100kVA)	Capacity Charge						
PNL0100	Demand (31 to 100kVA)	Demand Charge						
PNL0100	Demand (31 to 100kVA)	Consumption Uncontrolled		4,533,431	0.0563	0.0000	0.0272	0.0835
PNL0100	Demand (31 to 100kVA)	Consumption Controlled		137,821	0.0366	0.0000	0.0176	0.0542
PNL0100	Demand (31 to 100kVA)	Consumption Night		27,157	0.0143	0.0000	0.0074	0.0217
PNL0300	Demand (101 to 300kVA)	Fixed Daily Charge	20		10.1414	0.1757	4.6981	15.0152
PNL0300	Demand (101 to 300kVA)	Capacity Charge						
PNL0300	Demand (101 to 300kVA)	Demand Charge						
PNL0300	Demand (101 to 300kVA)	Consumption Uncontrolled		1,922,047	0.0449	0.0000	0.0218	0.0667
PNL0300	Demand (101 to 300kVA)	Consumption Controlled		-	0.0292	0.0000	0.0141	0.0433
PNL0300	Demand (101 to 300kVA)	Consumption Night		-	0.0143	0.0028	0.0074	0.0245
PTL0300	TOU - Demand (201-300kVA)	Fixed Daily Charge	1		16.9025	0.2930	7.8301	25.0256
PTL0300	TOU - Demand (201-300kVA)	Capacity Charge						
PTL0300	TOU - Demand (201-300kVA)	Demand Charge						
PTL0300	TOU - Demand (201-300kVA)	Consumption Evening Peak		1,033	0.0391	0.0000	0.0176	0.0567
PTL0300	TOU - Demand (201-300kVA)	Consumption Morning Peak		58,276	0.0366	0.0000	0.0166	0.0532
PTL0300	TOU - Demand (201-300kVA)	Consumption Off Peak		60,998	0.0287	0.0000	0.0132	0.0419
PTL0300	TOU - Demand (201-300kVA)	Consumption Night		1,940	0.0147	0.0000	0.0074	0.0221
PNL0500	TOU - Demand (301-500kVA)	Fixed Daily Charge	4		19.0538	0.3303	8.8266	28.2107
PNL0500	TOU - Demand (301-500kVA)	Capacity Charge						
PNL0500	TOU - Demand (301-500kVA)	Demand Charge						
PNL0500	TOU - Demand (301-500kVA)	Consumption Evening Peak		95,360	0.0391	0.0000	0.0176	0.0567
PNL0500	TOU - Demand (301-500kVA)	Consumption Morning Peak		141,239	0.0366	0.0000	0.0166	0.0532
PNL0500	TOU - Demand (301-500kVA)	Consumption Off Peak		188,882	0.0287	0.0000	0.0132	0.0419
PNL0500	TOU - Demand (301-500kVA)	Consumption Night		141,891	0.0147	0.0000	0.0074	0.0221

Price Category	Consumer Group	Charge Type	2018/19					
			Actual ICPs	Actual Kwh	Distribution Charge (Excl PT)	Pass Through Charge	Transmission Charge	Total Charge
PNL1000	TOU - Demand (501-1000kVA)	Fixed Daily Charge	1		29.5025	0.5114	13.6671	43.6810
PNL1000	TOU - Demand (501-1000kVA)	Capacity Charge						
PNL1000	TOU - Demand (501-1000kVA)	Demand Charge						
PNL1000	TOU - Demand (501-1000kVA)	Consumption Evening Peak		204,217	0.0391	0.0000	0.0176	0.0567
PNL1000	TOU - Demand (501-1000kVA)	Consumption Morning Peak		329,111	0.0366	0.0000	0.0166	0.0532
PNL1000	TOU - Demand (501-1000kVA)	Consumption Off Peak		420,199	0.0287	0.0000	0.0132	0.0419
PNL1000	TOU - Demand (501-1000kVA)	Consumption Night		326,784	0.0147	0.0000	0.0074	0.0221
PNL4500	TOU - Demand (1001-4500kVA)	Fixed Daily Charge	1		73.7562	1.2785	34.1677	109.2024
PNL4500	TOU - Demand (1001-4500kVA)	Capacity Charge						
PNL4500	TOU - Demand (1001-4500kVA)	Demand Charge						
PNL4500	TOU - Demand (1001-4500kVA)	Consumption Evening Peak		2,253,111	0.0391	0.0000	0.0176	0.0567
PNL4500	TOU - Demand (1001-4500kVA)	Consumption Morning Peak		3,325,854	0.0366	0.0000	0.0166	0.0532
PNL4500	TOU - Demand (1001-4500kVA)	Consumption Off Peak		4,352,796	0.0287	0.0000	0.0132	0.0419
PNL4500	TOU - Demand (1001-4500kVA)	Consumption Night		3,718,845	0.0147	0.0000	0.0074	0.0221
PNL6500	TOU - Demand (4501-6500kVA)	Fixed Daily Charge	-		112.2476	0.0000	44.1993	156.4469
PNL6500	TOU - Demand (4501-6500kVA)	Capacity Charge						
PNL6500	TOU - Demand (4501-6500kVA)	Demand Charge						
PNL6500	TOU - Demand (4501-6500kVA)	Consumption Evening Peak		-	0.0391	0.0000	0.0176	0.0567
PNL6500	TOU - Demand (4501-6500kVA)	Consumption Morning Peak		-	0.0366	0.0000	0.0166	0.0533
PNL6500	TOU - Demand (4501-6500kVA)	Consumption Off Peak		-	0.0287	0.0000	0.0132	0.0419
PNL6500	TOU - Demand (4501-6500kVA)	Consumption Night		-	0.0147	0.0000	0.0074	0.0221
Total Low Density								
PNG0500	Assessed Capacity (301 to 500kVA)		-		19.0546	0.0000	-	19.0546
PNG1000	Assessed Capacity (501 to 1000kVA)		6		29.5025	0.5114	-	30.0139
PNG4500	Assessed Capacity (1001 to 4500kVA)		1		73.7596	0.0000	-	73.7596
PNG6500	Assessed Capacity (4501 to 6500kVA)		1		112.2527	0.0000	-	112.2527
Total Generation								
			25,597	281,203,835				

13.2 Quantities for period from 1 April 2017 to 31 March 2018

Price Category	Consumer Group	Charge Type	ICPs	Units days/kWH	Prices 2017/18			
					Distribution	Transmission	PT & RC	Total
Domestic								
PDH0030	Domestic	Fixed Daily Charge	13,822	365	0.1096	0.0375	0.0029	0.1500
PDH0030	Domestic	Consumption Uncontrolled	-	60,605,527	0.1157	0.0471	0.0020	0.1648
PDH0030	Domestic	Consumption Controlled	-	22,750,372	0.0601	0.0245	0.0011	0.0857
PDH0030	Domestic	Consumption Night	-	12,720	0.0150	0.0061	0.0002	0.0213
-								
PDL0030	Domestic	Fixed Daily Charge	5,687	365	0.1096	0.0375	0.0029	0.1500
PDL0030	Domestic	Consumption Uncontrolled	-	27,330,230	0.1348	0.0555	0.0025	0.1928
PDL0030	Domestic	Consumption Controlled	-	8,810,921	0.0727	0.0300	0.0014	0.1041
PDL0030	Domestic	Consumption Night	-	32,520	0.0175	0.0072	0.0002	0.0249
-								
Total Domestic			19,509	-	-	-	-	-
Non-Domestic - High Density								
PNH0003	Low Capacity (0 to 3kVA)	Fixed Daily Charge	134	365	0.2927	0.1422	0.0054	0.4403
PNH0003	Low Capacity (0 to 3kVA)	Capacity Charge	-	-	-	-	-	-
PNH0003	Low Capacity (0 to 3kVA)	Demand Charge	-	-	-	-	-	-
PNH0003	Low Capacity (0 to 3kVA)	Consumption Uncontrolled	-	650,588	0.0938	0.0562	0.0018	0.1518
PNH0003	Low Capacity (0 to 3kVA)	Consumption Controlled	-	104	0.0609	0.0397	0.0011	0.1017
PNH0003	Low Capacity (0 to 3kVA)	Consumption Night	-	-	0.0117	0.0077	0.0002	0.0196
-								
PNH0030	Demand (0 to 30kVA)	Fixed Daily Charge	1,668	365	1.6458	0.7365	0.0299	2.4122
PNH0030	Demand (0 to 30kVA)	Capacity Charge	-	-	-	-	-	-
PNH0030	Demand (0 to 30kVA)	Demand Charge	-	-	-	-	-	-
PNH0030	Demand (0 to 30kVA)	Consumption Uncontrolled	-	20,645,050	0.0674	0.0404	0.0011	0.1089
PNH0030	Demand (0 to 30kVA)	Consumption Controlled	-	1,114,731	0.0439	0.0262	0.0007	0.0708
PNH0030	Demand (0 to 30kVA)	Consumption Night	-	33,083	0.0117	0.0077	0.0002	0.0196
-								
PNH0100	Demand (31 to 100kVA)	Fixed Daily Charge	282	365	4.6551	2.4915	0.0932	7.2398
PNH0100	Demand (31 to 100kVA)	Capacity Charge	-	-	-	-	-	-
PNH0100	Demand (31 to 100kVA)	Demand Charge	-	-	-	-	-	-
PNH0100	Demand (31 to 100kVA)	Consumption Uncontrolled	-	19,785,665	0.0461	0.0276	0.0009	0.0746
PNH0100	Demand (31 to 100kVA)	Consumption Controlled	-	323,406	0.0299	0.0178	0.0007	0.0484
PNH0100	Demand (31 to 100kVA)	Consumption Night	-	213,151	0.0117	0.0077	0.0002	0.0196
-								
PNH0300	Demand (101 to 300kVA)	Fixed Daily Charge	69	365	9.6585	4.6981	0.1757	14.5323
PNH0300	Demand (101 to 300kVA)	Capacity Charge	-	-	-	-	-	-
PNH0300	Demand (101 to 300kVA)	Demand Charge	-	-	-	-	-	-
PNH0300	Demand (101 to 300kVA)	Consumption Uncontrolled	-	14,515,279	0.0376	0.0224	0.0007	0.0607
PNH0300	Demand (101 to 300kVA)	Consumption Controlled	-	3,169	0.0244	0.0145	0.0005	0.0394
PNH0300	Demand (101 to 300kVA)	Consumption Night	-	-	0.0117	0.0077	0.0002	0.0196
-								
PTH0300	TOU - Demand (201-300kVA)	Fixed Daily Charge	7	365	16.0976	7.8301	0.2930	24.2207
PTH0300	TOU - Demand (201-300kVA)	Consumption Uncontrolled	-	-	-	-	-	-
PTH0300	TOU - Demand (201-300kVA)	Consumption Evening Peak	-	457,211	0.0355	0.0200	0.0007	0.0562
PTH0300	TOU - Demand (201-300kVA)	Consumption Morning Peak	-	669,847	0.0332	0.0187	0.0007	0.0526
PTH0300	TOU - Demand (201-300kVA)	Consumption Off Peak	-	859,664	0.0261	0.0146	0.0005	0.0412
PTH0300	TOU - Demand (201-300kVA)	Consumption Night	-	613,005	0.0134	0.0077	0.0002	0.0213
-								
PNH0500	TOU - Demand (301-500kVA)	Fixed Daily Charge	17	365	18.1465	8.8266	0.3303	27.3034
PNH0500	TOU - Demand (301-500kVA)	Capacity Charge	-	-	-	-	-	-
PNH0500	TOU - Demand (301-500kVA)	Demand Charge	-	-	-	-	-	-
PNH0500	TOU - Demand (301-500kVA)	Consumption Evening Peak	-	1,257,395	0.0355	0.0200	0.0007	0.0562
PNH0500	TOU - Demand (301-500kVA)	Consumption Morning Peak	-	2,128,851	0.0332	0.0187	0.0007	0.0526
PNH0500	TOU - Demand (301-500kVA)	Consumption Off Peak	-	2,674,901	0.0261	0.0146	0.0005	0.0412
PNH0500	TOU - Demand (301-500kVA)	Consumption Night	-	2,170,296	0.0134	0.0077	0.0002	0.0213
-								
PNH1000	TOU - Demand (501-1000kVA)	Fixed Daily Charge	22	365	28.0976	13.6671	0.5114	42.2761
PNH1000	TOU - Demand (501-1000kVA)	Capacity Charge	-	-	-	-	-	-
PNH1000	TOU - Demand (501-1000kVA)	Demand Charge	-	-	-	-	-	-
PNH1000	TOU - Demand (501-1000kVA)	Consumption Evening Peak	-	4,355,835	0.0355	0.0200	0.0007	0.0562
PNH1000	TOU - Demand (501-1000kVA)	Consumption Morning Peak	-	6,080,299	0.0332	0.0187	0.0007	0.0526
PNH1000	TOU - Demand (501-1000kVA)	Consumption Off Peak	-	8,041,163	0.0261	0.0146	0.0005	0.0412
PNH1000	TOU - Demand (501-1000kVA)	Consumption Night	-	7,193,469	0.0134	0.0077	0.0002	0.0213

Price Category	Consumer Group	Charge Type	ICPs	Units days/kWh	Prices 2017/18			
					Distribution	Transmission	PT & RC	Total
PNH4500	TOU - Demand (1001-4500kVA)	Fixed Daily Charge	2	365	70.2440	34.1677	1.2785	105.6902
PNH4500	TOU - Demand (1001-4500kVA)	Capacity Charge	-	-	-	-	-	-
PNH4500	TOU - Demand (1001-4500kVA)	Demand Charge	-	-	-	-	-	-
PNH4500	TOU - Demand (1001-4500kVA)	Consumption Evening Peak	-	1,915,166	0.0355	0.0200	0.0007	0.0562
PNH4500	TOU - Demand (1001-4500kVA)	Consumption Morning Peak	-	2,523,326	0.0332	0.0187	0.0007	0.0526
PNH4500	TOU - Demand (1001-4500kVA)	Consumption Off Peak	-	3,409,823	0.0261	0.0146	0.0005	0.0412
PNH4500	TOU - Demand (1001-4500kVA)	Consumption Night	-	3,706,636	0.0134	0.0077	0.0002	0.0213
PNH6500	TOU - Demand (4501-6500kVA)	Fixed Daily Charge	1	365	106.9024	51.9992	1.9456	160.8472
PNH6500	TOU - Demand (4501-6500kVA)	Capacity Charge	-	-	-	-	-	-
PNH6500	TOU - Demand (4501-6500kVA)	Demand Charge	-	-	-	-	-	-
PNH6500	TOU - Demand (4501-6500kVA)	Consumption Evening Peak	-	2,322,507	0.0355	0.0200	0.0007	0.0562
PNH6500	TOU - Demand (4501-6500kVA)	Consumption Morning Peak	-	3,853,119	0.0332	0.0187	0.0007	0.0526
PNH6500	TOU - Demand (4501-6500kVA)	Consumption Off Peak	-	4,618,811	0.0261	0.0146	0.0005	0.0412
PNH6500	TOU - Demand (4501-6500kVA)	Consumption Night	-	4,449,823	0.0134	0.0077	0.0002	0.0213
Non-Domestic - Low Density								
PNL0003	Low Capacity (0 to 3kVA)	Fixed Daily Charge	122	365	0.2927	0.1422	0.0054	0.4403
PNL0003	Low Capacity (0 to 3kVA)	Capacity Charge	-	-	-	-	-	-
PNL0003	Low Capacity (0 to 3kVA)	Demand Charge	-	-	-	-	-	-
PNL0003	Low Capacity (0 to 3kVA)	Consumption Uncontrolled	-	228,177	0.1084	0.0648	0.0020	0.1752
PNL0003	Low Capacity (0 to 3kVA)	Consumption Controlled	-	-	0.0704	0.0457	0.0145	0.1307
PNL0003	Low Capacity (0 to 3kVA)	Consumption Night	-	-	0.0136	0.0087	0.0028	0.0251
PNL0030	Demand (0 to 30kVA)	Fixed Daily Charge	3,545	365	1.6458	0.7365	0.0299	2.4122
PNL0030	Demand (0 to 30kVA)	Capacity Charge	-	-	-	-	-	-
PNL0030	Demand (0 to 30kVA)	Demand Charge	-	-	-	-	-	-
PNL0030	Demand (0 to 30kVA)	Consumption Uncontrolled	-	16,883,689	0.0704	0.0421	0.0014	0.1139
PNL0030	Demand (0 to 30kVA)	Consumption Controlled	-	1,481,004	0.0459	0.0274	0.0009	0.0742
PNL0030	Demand (0 to 30kVA)	Consumption Night	-	47,199	0.0136	0.0087	0.0002	0.0225
PNL0100	Demand (31 to 100kVA)	Fixed Daily Charge	100	365	4.6551	2.4915	0.0932	7.2398
PNL0100	Demand (31 to 100kVA)	Capacity Charge	-	-	-	-	-	-
PNL0100	Demand (31 to 100kVA)	Demand Charge	-	-	-	-	-	-
PNL0100	Demand (31 to 100kVA)	Consumption Uncontrolled	-	4,476,358	0.0536	0.0320	0.0009	0.0865
PNL0100	Demand (31 to 100kVA)	Consumption Controlled	-	154,020	0.0349	0.0207	0.0007	0.0563
PNL0100	Demand (31 to 100kVA)	Consumption Night	-	6,469	0.0136	0.0087	0.0002	0.0225
PNL0300	Demand (101 to 300kVA)	Fixed Daily Charge	20	365	9.6585	4.6981	0.1757	14.5323
PNL0300	Demand (101 to 300kVA)	Capacity Charge	-	-	-	-	-	-
PNL0300	Demand (101 to 300kVA)	Demand Charge	-	-	-	-	-	-
PNL0300	Demand (101 to 300kVA)	Consumption Uncontrolled	-	2,126,242	0.0428	0.0256	0.0007	0.0691
PNL0300	Demand (101 to 300kVA)	Consumption Controlled	-	-	0.0278	0.0166	0.0005	0.0449
PNL0300	Demand (101 to 300kVA)	Consumption Night	-	-	0.0136	0.0087	0.0028	0.0251
PTL0300	TOU - Demand (201-300kVA)	Fixed Daily Charge	1	365	16.0976	7.8301	0.2930	24.2207
PTL0300	TOU - Demand (201-300kVA)	Capacity Charge	-	-	-	-	-	-
PTL0300	TOU - Demand (201-300kVA)	Demand Charge	-	-	-	-	-	-
PTL0300	TOU - Demand (201-300kVA)	Consumption Evening Peak	-	935	0.0372	0.0207	0.0007	0.0586
PTL0300	TOU - Demand (201-300kVA)	Consumption Morning Peak	-	49,797	0.0349	0.0195	0.0007	0.0551
PTL0300	TOU - Demand (201-300kVA)	Consumption Off Peak	-	44,696	0.0273	0.0155	0.0005	0.0433
PTL0300	TOU - Demand (201-300kVA)	Consumption Night	-	1,380	0.0140	0.0087	0.0002	0.0229
PNL0500	TOU - Demand (301-500kVA)	Fixed Daily Charge	4	365	18.1465	8.8266	0.3303	27.3034
PNL0500	TOU - Demand (301-500kVA)	Capacity Charge	-	-	-	-	-	-
PNL0500	TOU - Demand (301-500kVA)	Demand Charge	-	-	-	-	-	-
PNL0500	TOU - Demand (301-500kVA)	Consumption Evening Peak	-	112,430	0.0372	0.0207	0.0007	0.0586
PNL0500	TOU - Demand (301-500kVA)	Consumption Morning Peak	-	151,183	0.0349	0.0195	0.0007	0.0551
PNL0500	TOU - Demand (301-500kVA)	Consumption Off Peak	-	208,791	0.0273	0.0155	0.0005	0.0433
PNL0500	TOU - Demand (301-500kVA)	Consumption Night	-	170,379	0.0140	0.0087	0.0002	0.0229
PNL1000	TOU - Demand (501-1000kVA)	Fixed Daily Charge	1	365	28.0976	13.6671	0.5114	42.2761
PNL1000	TOU - Demand (501-1000kVA)	Capacity Charge	-	-	-	-	-	-
PNL1000	TOU - Demand (501-1000kVA)	Demand Charge	-	-	-	-	-	-
PNL1000	TOU - Demand (501-1000kVA)	Consumption Evening Peak	-	161,299	0.0372	0.0207	0.0007	0.0586
PNL1000	TOU - Demand (501-1000kVA)	Consumption Morning Peak	-	281,036	0.0349	0.0195	0.0007	0.0551
PNL1000	TOU - Demand (501-1000kVA)	Consumption Off Peak	-	345,223	0.0273	0.0155	0.0005	0.0433
PNL1000	TOU - Demand (501-1000kVA)	Consumption Night	-	223,426	0.0140	0.0087	0.0002	0.0229

Price Category	Consumer Group	Charge Type	ICPs	Units days/kWH	Prices 2017/18			
					Distribution	Transmission	PT & RC	Total
PNL4500	TOU - Demand (1001-4500kVA)	Fixed Daily Charge	1	365	70.2440	34.1677	1.2785	105.6902
PNL4500	TOU - Demand (1001-4500kVA)	Capacity Charge	-	-	-	-	-	-
PNL4500	TOU - Demand (1001-4500kVA)	Demand Charge	-	-	-	-	-	-
PNL4500	TOU - Demand (1001-4500kVA)	Consumption Evening Peak	-	1,974,958	0.0372	0.0207	0.0007	0.0586
PNL4500	TOU - Demand (1001-4500kVA)	Consumption Morning Peak	-	3,029,429	0.0349	0.0195	0.0007	0.0551
PNL4500	TOU - Demand (1001-4500kVA)	Consumption Off Peak	-	3,910,307	0.0273	0.0155	0.0005	0.0433
PNL4500	TOU - Demand (1001-4500kVA)	Consumption Night	-	3,286,367	0.0140	0.0087	0.0002	0.0229
PNL6500	TOU - Demand (4501-6500kVA)	Fixed Daily Charge	-	365	106.9024	51.9992	1.9456	160.8472
PNL6500	TOU - Demand (4501-6500kVA)	Capacity Charge	-	-	-	-	-	-
PNL6500	TOU - Demand (4501-6500kVA)	Demand Charge	-	-	-	-	-	-
PNL6500	TOU - Demand (4501-6500kVA)	Consumption Evening Peak	-	-	0.0373	0.0207	0.0007	0.0586
PNL6500	TOU - Demand (4501-6500kVA)	Consumption Morning Peak	-	-	0.0349	0.0195	0.0006	0.0550
PNL6500	TOU - Demand (4501-6500kVA)	Consumption Off Peak	-	-	0.0273	0.0155	0.0005	0.0433
PNL6500	TOU - Demand (4501-6500kVA)	Consumption Night	-	-	0.0140	0.0087	0.0002	0.0229
Generation								
PNG0500	Assessed Capacity (301 to 500kVA)		-	-	18.1472	-	-	18.1472
PNG1000	Assessed Capacity (501 to 1000kVA)		6	365	28.0976	-	0.5114	28.6090
PNG4500	Assessed Capacity (1001 to 4500kVA)		1	365	70.2472	-	-	70.2472
PNG6500	Assessed Capacity (4501 to 6500kVA)		1	365	106.9073	-	-	106.9073
			25,513	279,482,457				

14 Quality Path Supporting Calculations

14.1 Schedule 4A and 5B quality threshold values

As required by clause 11.5(d) of the Determination, the quality threshold values from Schedules 4A, 5B.1, and 5B.2, of the Electricity Distribution Services Default Price-Quality Path Determination 2015 have been summarised below:

Reliability Measure	SAIDI	SAIFI
Limit	274.075	3.529
Cap	274.075	3.529
Target	242.149	3.086
Collar	210.224	2.642
Unplanned Boundary Value	13.065	0.183

14.2 Re-calculations following Transpower asset acquisition

In accordance with clause 11.5(d) of the Determination, the SAIDI and SAIFI Limits, Unplanned Boundary Values, Targets, Caps, and Collars, have been re-calculated following the acquisition of transmission assets from Transpower, which became System Fixed Assets.

The methodology for these re-calculations are contained in the applicable paragraphs quoted below from Schedule 4B of the Determination.

Reliability Measure	SAIDI	SAIFI
Limit	285.72	3.77
Cap	285.72	3.77
Target	252.48	3.28
Collar	219.12	2.78
Unplanned Boundary Value	13.3902	0.2080

Unplanned Boundary Value re-calculations

The re-calculated SAIDI Unplanned Boundary Value was determined in accordance with paragraph 2(a) of the Determination and is as follows:

$$\beta_{SAIDI} = 23^{\text{rd}} \text{ highest SAIDI value in reference dataset} \\ (01/04/2004 - 31/3/2014)$$

$$\beta_{SAIDI} = 13.3902$$

The re-calculated SAIFI Unplanned Boundary Value was determined in accordance with paragraph 2(b) of the Determination and is as follows:

$$\beta_{SAIFI} = 23^{\text{rd}} \text{ highest SAIFI value in reference dataset} \\ (01/04/2004 - 31/3/2014)$$

$$\beta_{SAIFI} = 0.2080$$

Target

The re-calculated SAIDI Target was determined in accordance with paragraph 3 of the Determination and is as follows:

$$SAIDI_{Target} = \frac{(P_{SAIDI} \times 0.5) + U_{SAIDI}}{10}$$

where:

$$P_{SAIDI} = \text{Planned sum of SAIDI in 10 year dataset} \\ (01/04/2004 - 31/3/2014)$$

$$P_{SAIDI} = 639.5284$$

$$U_{SAIDI} = \text{Unplanned sum of SAIDI in 10 year} \\ \text{dataset (01/04/2004 - 31/3/2014)}$$

$$U_{SAIDI} = 2,204.7285$$

$$SAIDI_{Target} = 252.48$$

The re-calculated SAIFI Target was determined in accordance with paragraph 4 of the Determination and is as follows:

$$SAIFI_{Target} = \frac{(P_{SAIFI} \times 0.5) + U_{SAIFI}}{10}$$

where:

P_{SAIFI}	=	Planned sum of SAIFI in 10 year dataset (01/04/2004 – 31/3/2014)
P_{SAIFI}	=	3.6736
U_{SAIFI}	=	Unplanned sum of SAIFI in 10 year dataset (01/04/2004 – 31/3/2014)
U_{SAIFI}	=	30.9294
$SAIFI_{Target}$	=	3.28

Reliability Limit and Cap

The re-calculated SAIDI reliability Limit was determined in accordance with paragraph 5(a) of the Determination and is as follows:

$$SAIDI_{Limit} = SAIDI_{Target} + (SAIDI_{Dev} \times \sqrt{365})$$

where:

$SAIDI_{Target}$	=	Is the SAIDI Target re-calculated in accordance with paragraph 3
$SAIDI_{Target}$	=	252.48
$SAIDI_{Dev}$	=	Standard deviation of daily SAIDI values in 10 year dataset (01/04/2004 – 31/3/2014)
$SAIDI_{Dev}$	=	1.7446
$SAIDI_{Limit}$	=	285.72

The re-calculated SAIFI reliability Limit was determined in accordance with paragraph 5(b) of the Determination and is as follows:

$$SAIFI_{Limit} = SAIFI_{Target} + (SAIFI_{Dev} \times \sqrt{365})$$

where:

$SAIFI_{Target}$	=	Is the SAIFI Target re-calculated in accordance with paragraph 4
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$SAIFI_{Target}$	=	3.28
$SAIFI_{Dev}$	=	Standard deviation of daily SAIFI values in 10 year dataset (01/04/2004 – 31/3/2014)
$SAIFI_{Dev}$	=	0.0256
$SAIFI_{Limit}$	=	3.77

The SAIDI and SAIFI Caps are equal to the respective SAIDI and SAIFI reliability Limits calculated above.

Collar

The re-calculated SAIDI Collar was determined in accordance with paragraph 5(e) of the Determination and is as follows:

$$SAIDI_{Collar} = SAIDI_{Target} - (SAIDI_{Dev} \times \sqrt{365})$$

where:

$SAIDI_{Target}$	=	Is the SAIDI Target re-calculated in accordance with paragraph 3
$SAIDI_{Target}$	=	252.48
$SAIDI_{Dev}$	=	Standard deviation of daily SAIDI values in 10 year dataset (01/04/2004 – 31/3/2014)
$SAIDI_{Dev}$	=	1.7446
$SAIDI_{Collar}$	=	219.12

The re-calculated SAIFI Collar was determined in accordance with paragraph 5(f) of the Determination and is as follows:

$$SAIFI_{Collar} = SAIFI_{Target} - (SAIFI_{Dev} \times \sqrt{365})$$

where:

$SAIFI_{Target}$	=	Is the SAIFI Target re-calculated in accordance with paragraph 4
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$$SAIFI_{Target} = 3.28$$

$$SAIFI_{Dev} = \text{Standard deviation of daily SAIFI values in 10 year dataset (01/04/2004 - 31/3/2014)}$$

$$SAIFI_{Dev} = 0.0256$$

$$SAIFI_{Collar} = 2.78$$

Historic transmission asset acquisition data supporting re-calculation

Transmission Asset Outage Data 2004/05 to 2013/14								
Start Date	Name of Asset	Planned/ Unplanned	Customers Interrupted	Customer Minutes	SAIDI	SAIFI	Cause	
16/10/2005	Tuai GXP	Planned	383	137,428	5.53	0.02	Defective Equipment	
5/11/2006	Tuai GXP	Planned	327	107,583	4.32	0.01		
25/11/2007	Tuai CB23 & CB24	Planned	366	137,250	5.47	0.01		
23/11/2008	Tuai GXP	Planned	378	90,720	3.59	0.01		
29/11/2009	Tuai GXP	Planned	365	131,400	5.18	0.01		
27/11/2010	Tuai GXP	Planned	365	181,770	7.12	0.01		
5/12/2010	Tuai GXP	Planned	366	157,380	6.18	0.01		
24/02/2013	Tuai T15	Planned	361	164,616	6.44	0.01		
2/02/2014	Tuai GXP	Planned	362	192,584	7.57	0.01		
14/10/2004	Tuai CB24	Unplanned	180	23,580	0.95	0.01		Unknown
29/11/2004	Tuai CB24	Unplanned	199	14,925	0.60	0.01		Unknown
20/02/2006	Tuai CB24	Unplanned	199	13,731	0.55	0.01		Unknown
31/10/2007	Tuai T15	Unplanned	366	129,930	5.18	0.01		Wildlife
31/01/2008	CB23 & CB24	Unplanned	366	2,562	0.10	0.01		Defective Equipment
14/10/2009	T1 & T2	Unplanned	4,477	35,816	1.41	0.18		Unknown
29/11/2009	Tuai CB23	Unplanned	189	25,281	1.00	0.01	Defective Equipment	
1/02/2010	Tuai CB24	Unplanned	176	2,464	0.10	0.01	Unknown	
13/02/2010	Tuai CB24	Unplanned	176	2,560	0.10	0.01	Unknown	
1/03/2010	Gis CB152	Unplanned	5,434	67,828	2.67	0.21	Unknown	
17/05/2010	T15	Unplanned	365	8,571	0.34	0.01	Defective Equipment	
3/12/2010	T15	Unplanned	366	7,476	0.29	0.01	Unknown	
3/05/2011	T15	Unplanned	365	12,045	0.47	0.01	Human Error	
26/01/2012	GIS T4	Unplanned	20,657	330,042	12.92	0.81	Unknown	
4/04/2013	Gis GXP	Unplanned	20,728	470,304	18.48	0.81	Human Error	
17/04/2013	Gis GXP	Unplanned	20,726	556,719	21.87	0.81	Human Error	
3/01/2014	Tuai CB24	Unplanned	170	4,080	0.16	0.01	Unknown	
5/01/2014	Tuai CB24	Unplanned	170	16,150	0.63	0.01	Defective Equipment	
19/01/2014	Tuai CB24	Unplanned	170	92,820	3.65	0.01	Defective Equipment	
31/03/2014	Gis Tuai 110kV Line	Unplanned	20,726	1,036,290	40.72	0.81	Defective Equipment	
SUM			99,478	4,153,905	163.6	3.91		

15 Auditor's Report



INDEPENDENT ASSURANCE REPORT TO THE DIRECTORS OF EASTLAND NETWORK LIMITED AND THE COMMERCE COMMISSION

The Auditor-General is the auditor of Eastland Network Limited (the company). The Auditor-General has appointed me, Trevor Deed, using the staff and resources of Deloitte Limited, to provide an opinion, on his behalf, on whether the Annual Compliance Statement for the year ended on 31 March 2019 on pages 4 to 28 has been prepared, in all material respects, with the Electricity Distribution Services Default Price-Quality Path Determination 2015 (the Determination).

Directors' responsibilities for the Annual Compliance Statement

The directors of the company are responsible for the preparation of the Annual Compliance Statement in accordance with the Determination, and for such internal control as the directors determine is necessary to enable the preparation of an Annual Compliance Statement that is free from material misstatement.

Our responsibility for the Annual Compliance Statement

Our responsibility is to express an opinion on whether the Annual Compliance Statement has been prepared, in all material respects, in accordance with the Determination.

Basis of opinion

We conducted our engagement in accordance with the International Standard on Assurance Engagements (New Zealand) 3000 (Revised): *Assurance Engagements Other Than Audits or Reviews of Historical Financial Information* and the Standard on Assurance Engagements 3100: *Compliance Engagements* issued by the External Reporting Board. Copies of these standards are available on the External Reporting Board's website.

These standards require that we comply with ethical requirements and plan and perform our assurance engagement to provide reasonable assurance about whether the Annual Compliance Statement has been prepared in all material respects in accordance with the Determination.

We have performed procedures to obtain evidence about the amounts and disclosures in the Annual Compliance Statement. The procedures selected depend on our judgement, including the assessment of the risks of material misstatement of the Annual Compliance Statement, whether due to fraud or error or non-compliance with the Determination. In making those risk assessments, we considered internal control relevant to the company's preparation of the Annual Compliance Statement in order to design procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the company's internal control.

In assessing the disclosures about compliance with the price path in clause 8 of the Determination for the assessment period ended on 31 March 2019, our assurance engagement included examination, on a test basis, of evidence relevant to the amounts and disclosures contained on pages 4 to 28 of the Annual Compliance Statement.

In assessing the disclosures about compliance with the quality standards in clause 9 of the Determination for the assessment period ended on 31 March 2019, our assurance engagement included examination, on a test basis, of evidence relevant to the amounts and disclosures contained on pages 4 to 28 of the Annual Compliance Statement.

Our assurance engagement also included assessment of the significant estimates and judgements, if any, made by the company in the preparation of the Annual Compliance Statement.



We believe that the evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Use of this report

This independent assurance report has been prepared solely for the directors of the company and for the Commerce Commission for the purpose of providing those parties with reasonable assurance about whether the Annual Compliance Statement has been prepared, in all material respects, in accordance with the Determination. We disclaim any assumption of responsibility for any reliance on this report to any person other than the directors of the company or the Commerce Commission, or for any other purpose than that for which it was prepared.

Scope and inherent limitations

Because of the inherent limitations of a reasonable assurance engagement, and the test basis of the procedures performed, it is possible that fraud, error or non-compliance may occur and not be detected.

We did not examine every transaction, adjustment or event underlying the Annual Compliance Statement nor do we guarantee complete accuracy of the Annual Compliance Statement. Also we did not evaluate the security and controls over the electronic publication of the Annual Compliance Statement.

The opinion expressed in this independent assurance report has been formed on the above basis.

Independence and quality control

When carrying out the engagement, we complied with the Auditor-General's:

- independence and other ethical requirements, which incorporate the independence and ethical requirements of Professional and Ethical Standard 1 (Revised) issued by the New Zealand Auditing and Assurance Standards Board; and
- quality control requirements, which incorporate the quality control requirements of Professional and Ethical Standard 3 (Amended) issued by the New Zealand Auditing and Assurance Standards Board.

We also complied with the independent auditor requirements specified in the Determination.

The Auditor-General, and his employees, Deloitte Limited and its employees may deal with the company on normal terms within the ordinary course of trading activities of the company. Other than any dealings on normal terms within the ordinary course of business, this engagement, and the annual audit of the company's financial statements, we have no relationship with or interests in the company.

Opinion

In our opinion:

- as far as appears from an examination, the information used in the preparation of the Annual Compliance Statement has been properly extracted from the company's accounting and other records, and has been sourced, where appropriate, from its financial and non-financial systems; and
- the Annual Compliance Statement of company for the year ended on 31 March 2019, has been prepared, in all material respects, in accordance with the Determination.



In forming our opinion, we have obtained sufficient recorded evidence and all the information and explanations we have required.

A handwritten signature in blue ink, appearing to read "T. Deed", enclosed within a circular scribble.

Trevor Deed, Partner
for Deloitte Limited
On behalf of the Auditor-General
Wellington, New Zealand
10 June 2019

This reasonable assurance report relates to the Annual Compliance Statement of Eastland Network Limited (the company) for the year ended 31 March 2019 included on Eastland Network Limited's website. The Board of Directors are responsible for the maintenance and integrity of the company's website. We have not been engaged to report on the integrity of the company's website. We accept no responsibility for any changes that may have occurred to the Annual Compliance Statement since it was initially presented on the website. The reasonable assurance report refers only to the Annual Compliance Statement named above. It does not provide an opinion on any other information which may have been hyperlinked to/from this Annual Compliance statement. If readers of this report are concerned with the inherent risks arising from electronic data communication they should refer to the published hard copy of the Annual Compliance Statement and related reasonable assurance report dated 10 June 2019 to confirm the information included in the Annual Compliance Statement presented on this website.