
Annual Compliance Statement

for the Assessment Period ending 31 March 2017

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1 Purpose

This document states Aurora's compliance with price-quality regulation made under Part 4 of the Commerce Act 1986.

1.1 Disclaimer

Information disclosed in this Statement has been prepared solely for the purposes of the Determination. The information in this Statement should not be used for any other purpose than that intended under the Determination.

For presentation purposes, some figures in this Statement have been rounded. This may cause small discrepancies when aggregating some of the figures provided; however these discrepancies do not affect the overall compliance calculations, which are based on more detailed figures.

2 Scope

This document applies to regulated Electricity Distribution Services provided by Aurora.

3 Accountabilities

Aurora Board of Directors	Accountable for certifying this Statement in accordance with clause 11.3(a) of the Determination.
GM Network Commercial (Delta)	Accountable for ensuring that this Statement is: <ul style="list-style-type: none"> a) prepared annually; b) audited; c) disclosed to the Commerce Commission in accordance with clause 11.1(a) of the Determination; and d) publicly disclosed in accordance with clause 11.1(c) of the Determination.

4 Definitions

Aspect.	Definition.
Determination	means the Electricity Distribution Services Default Price-Quality Path Determination 2015.
IMs	means the Electricity Distribution Services Input Methodology Determination 2012.
Methodology	means Aurora's Use-of-System Pricing Methodology. Effective: 1 April 2015 ¹
Statement	means this Annual Compliance Statement

All other capitalised terms have the meanings ascribed to them in the Determination or IMs. Accordingly, this Statement must be read in conjunction with the Determination and, where necessary, the IMs.

¹ Available from www.auroraenergy.co.nz

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5 Statement of Compliance

5.1 Compliance with the Price Path

Aurora Energy Limited complies with the price path at the assessment date, 31 March 2017, as specified in the Determination.

Clause 8.3 of the Determination requires that the notional revenue (NR) of a Non-exempt EDB, in the Assessment Period, must not exceed the allowable notional revenue (ANR) for the Assessment Period. Compliance is established in the following table, which demonstrates that notional revenue during the Assessment Period does not exceed allowable notional revenue.

Test:	$NR_{2016/17} \leq ANR_{2016/17}$					
NR _{2016/17}	\$	57,641,042				
ANR _{2016/17}	\$	57,700,108				
Result		0.9990	<	1		
Result	Price Path has not been breached					

Table 1 - Statement of price path compliance

Supporting evidence is presented in Appendices B, C, D, and E.

5.2 Compliance with the Quality Standards

Aurora Energy Limited does not comply with quality standards at the assessment date, 31 March 2017, as specified in the Determination.

5.2.1 2016 Reliability Assessment

Clause 9.1(a) of the Determination requires compliance with Clause 9.2.

To comply with the annual reliability assessment for the current Assessment Period:

- a Non-exempt EDB's SAIDI Assessed Values for the Assessment Period must not exceed the SAIDI Limit specified in Schedule 4A; and
- a Non-exempt EDB's SAIFI Assessed Values for the Assessment Period must not exceed the SAIFI Limit specified in Schedule 4A.

Non-compliance is established in the following tables:

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Test:	$SAIDI_{Assess\ 2016/17} \leq SAIDI_{Limit}$		
SAIDI _{Assess 2016/17}	108.53		
SAIDI _{Limit}	83.37		
	1.3018	> 1	
Clause 9.1(a) Result:	<i>Exceeds limit</i>		

Table 2 - Statement of compliance with the SAIDI limit

Test:	$SAIFI_{Assess\ 2016/17} \leq SAIFI_{Limit}$		
SAIFI _{Assess 2016/17}	1.36		
SAIFI _{Limit}	1.45		
	0.9416	< 1	
Clause 9.1(a) Result:	<i>Does not exceed limit</i>		

Table 3 - Statement of compliance with the SAIFI limit

Supporting evidence is presented in Appendices F and G.

5.2.2 Prior Period Reliability Assessment

Clause 9.1(b) of the Determination requires that a Non-exempt EDB must have complied with the annual reliability assessments in each of the two preceding Assessment Periods.

Non-compliance is established in the following tables:

SAIDI _{Assess 2015/16}	128.73	SAIFI _{Assess 2015/16}	1.74
SAIDI _{Limit 2015/16}	83.37	SAIFI _{Limit 2015/16}	1.45
1.5442	> 1	1.2044	> 1
<i>Exceeds limit</i>		<i>Exceeds limit</i>	

Table 4 - Statement of prior period compliance with the SAIDI limit

SAIDI Assess 2014/15	123.59	SAIFI Assess 2014/15	1.37
SAIDI Limit 2014/15	98.29	SAIFI Limit 2014/15	1.67
1.2574	> 1	0.8204	< 1
Exceeds limit		Does not exceed limit	

Table 5 - Statement of prior period compliance with the SAIFI limit

5.2.3 Quality Compliance Summary

Clause 9.1 of the Determination requires that a Non-exempt EDB must, in respect of each Assessment Period, either:

- comply with the annual reliability assessment specified in clause 9.2 for that Assessment Period; or
- have complied with the annual reliability assessment in each of the two preceding Assessment Periods.

	SAIDI	SAIFI	Compliance
Compliance with 9.1(a)			
2016/17 Assessment Period	Exceeds limit	Does not exceed limit	Does not comply
or			
Compliance with 9.1(b)			Does not comply
2015/16 Assessment Period	Exceeds limit	Exceeds limit	Does not comply
2014/15 Assessment Period	Exceeds limit	Does not exceed limit	Does not comply
Clause 9.1 Result:	Does not comply		

Table 6 - Summary of quality compliance

5.3 Miscellaneous Declarations

As required by clause 11.2(d) of the Determination, in respect of the Assessment Period ending on 31 March 2017, this Aurora Energy Limited declares that:

- it has not undertaken a Restructure of Prices;
- it has not been involved in any Amalgamation or Merger;
- it has not conducted a Major Transaction.

5.3.1 Fixed Asset Transfer from Transpower

Clause 10.6 of the Determination requires Aurora to recalculate its quality measures where it has received a transfer of fixed assets from Transpower. During the disclosure year, Aurora acquired 33kV cables, disconnectors and earth switches at the South Dunedin GXP, following completion of an outdoor to indoor conversion of 33kV connection assets by Transpower.

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We have received assurance from Transpower that none of the assets transferred was the subject of a reliability event that resulted in loss of supply to Aurora in the Reference Period. Accordingly, there is no basis upon which a recalculation of quality measures can be performed.

5.4 Certification

This Statement was certified in accordance with clause 11.3(a) of the Determination on 8 June 2017.

6 Explanatory Material

6.1 Price Path

6.1.1 Derivation of Prices

Prices are derived in accordance with the Methodology. Aurora recommends that interested persons read this Statement in conjunction with the Methodology.

The Determination effectively created two separate price paths for the regulatory control period running from 1 April 2015 to 31 March 2020:

1. A distribution price path designed to allow Aurora to recover the costs of owning and operating its distribution network, including a regulated return on investment. Prices are set by allocating allowable notional revenue across quantities that are lagged by two years.
2. A pass-through price path designed to allow Aurora to recover costs that it generally (1) cannot predict with any accuracy at the time prices are set, and (2) cannot control. Prices are set by allocating pass-through and recoverable costs across current quantities, including a forecast for quantity growth during the 12-month pricing period where this is appropriate.

6.1.1.1 Distribution Prices

Distribution Prices are derived by allocating notional revenue to load groups in accordance with section 4.5 of the Methodology, and then to quantities that are lagged by 2 years in accordance with section 5 of the Methodology.

For connections designated as 'Residential' in the Methodology, distribution costs are recovered on a volumetric basis through a single Distribution Price per tariff.

For connections designated as 'General' in the Methodology, distribution costs are recovered through a combination of fixed, capacity, and demand Distribution Price components. For connections above 150kVA, an additional capacity-distance Distribution Price component applies, and for connections 500kVA and above, a further additional transformer Distribution Price component applies.

6.1.1.2 Pass-through Prices

Pass-through Prices are derived by allocating Pass-through Costs and Recoverable Costs to load groups in accordance with section 4.5 of the Methodology, and then to forecast quantities for the Assessment Period in accordance with section 5 of the Methodology.

For connections designated as 'Residential' in the Methodology, Pass-through Costs and Recoverable Costs are recovered on a volumetric basis through a single Pass-through Price per tariff.

For connections designated as 'General' in the Methodology, Pass-through Costs and Recoverable Costs are recovered through a combination of fixed, capacity and demand price components.

6.1.2 Actual versus Forecast Pass-through and Recoverable Costs

6.1.2.1 Rates on System Fixed Assets (Pass-through)

Aurora is subject to rates from the following local authorities:

- Dunedin City Council;

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- Central Otago District Council;
- Queenstown Lakes District Council; and
- Otago Regional Council.

Variance in rates between actual and forecast cost is primarily caused by the timing difference in the rating year and the Assessment Period. When Aurora sets prices for the Assessment Period, the rates from July onward in the Assessment Period (the commencement of the rating year) are unknown and must be forecast. Some variation between Aurora's forecast of rates changes and the actual changes in rates is inevitable.

6.1.2.2 Commerce Act Levies (Pass-through)

Commerce Act levies are charged in order to recover the Commerce Commission's costs in developing and administering the regulatory regime for electricity distributors, Transpower, gas pipeline distributors, and major international airports. The Commerce Commission's costs for implementing and maintaining Part 4 of the Commerce Act can be divided into the cost of developing and reviewing Input Methodologies for all regulated sectors and the costs of developing, reviewing and administering other regulatory instruments, such as information disclosure requirements, for each regulated sector.

The variance in Commerce Act levies, between actual and forecast, is generally due to Aurora relying on previous year Commerce Act levies as the forecast value of future Commerce Act levies.

6.1.2.3 Electricity Authority Levies (Pass-through)

The cost of operating the Electricity Authority is recovered through a levy on market participants. Different rates are levied on generators, purchasers, retailers, distributors and the grid owner, Transpower. Levy rates vary each year depending on annual costs, the volume of electricity generated, purchased and conveyed, and the number of consumer connections.

The Electricity Authority levies on distributors have a fixed component and a variable component. To forecast the levies imposed on Aurora by the Electricity Authority, Aurora must forecast network ICP numbers and network energy volumes for the Assessment Period. Aurora must also forecast the levy rates for each component in order to calculate the full levy cost.

The variance in Electricity Authority levies between actual and forecast is due to Aurora relying on previous year Electricity Authority levies as the forecast value of future Electricity Authority levies.

6.1.2.4 Utilities Disputes Levies (Pass-through)

Aurora is required to be a member of Utilities Disputes (formerly the Electricity and Gas Complaints Commissioner scheme) under the Electricity Industry Act 2010. Utilities Disputes provides a free and independent service to consumers to resolve complaints against member companies that the two parties have not been able to resolve independently.

Utilities Disputes is funded by levies charged to member companies. When Aurora sets prices for the Assessment Period, the levies to be charged for the upcoming year are unknown and must be forecast.

6.1.2.5 Transmission Costs (Recoverable)

Transmission charges are the sum of:

- Transpower connection, interconnection, new investment, and customer investment charges; and
- The Distributed Generation Allowance (avoided costs of transmission, paid to distributed qualifying generators).

Loss and constraint rental rebates for grid exit point off-takes are excluded, as these are passed through to retailers each month on the basis of their share of monthly transmission charges. HVDC charges and loss and constraint rental rebates associated with injection at grid exit points are excluded, as these are recovered / passed through directly from/to large distributed generators.

The variance in transmission charges between actual and forecast is attributable to the commissioning of two additional 33kV feeders at the South Dunedin GXP.

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6.1.2.6 *Capex wash-up adjustment (Recoverable)*

The Determination requires Aurora to make an adjustment for the difference between actual capital expenditure in 2015, as stated in information disclosure, and the forecast value of capital expenditure that was published in Aurora's 2014 Asset Management Plan. This forecast value was used in the Commerce Commission's financial model used for calculating Aurora's starting price from 1 April 2015.

In December 2015, the Commerce Commission published the required Capex wash-up adjustments for each of the four remaining assessment periods of the current regulatory period. Aurora's Capex wash-up adjustment for 2016-17 is stated as (\$600,000).

As this figure was known at the time prices were determined, there is no variation between actual and forecast costs.

6.1.2.7 *Quality incentive adjustment (Recoverable)*

Aurora's performance in relation to the prescribed quality standards is reflected into prices through the inclusion of the Quality Incentive Adjustment in the Determination. The Quality Incentive Adjustment is included as a recoverable cost, and therefore allows higher prices where quality measures outperform the quality targets, and requires lower prices where quality measures underperform the quality targets.

The Quality Incentive Adjustment is required to be calculated within 50 business days following the end of the assessment period, be adjusted for the time-value of money, and is a recoverable cost for the assessment period following that in which it was calculated.

The Quality Incentive Adjustment that is applicable to the first assessment period (2015-16), was calculated during the second assessment period (2016-17), and has been incorporated into prices for the third assessment period (2017-18). Therefore no Quality Incentive Adjustment applies during 2016-17, the second assessment period, and there is no variation between actual and forecast values.

6.2 Quality Standards

6.2.1 *Compliance with the Annual Reliability Assessment*

The following factors have contributed to Aurora's non-compliance with the annual reliability assessment:

- A continuing and significant reinvestment and maintenance programme, necessitating greater than average² Class B (planned) interruptions and their resultant SAIDI and SAIFI contributions;
- A greater than average³ incidence of major event days, affecting SAIDI; and
- An awareness of the new Health & Safety legislation has prompted a review of how maintenance is undertaken in extreme circumstances, such as managing work under extreme conditions and managing staff fatigue.

6.2.1.1 *Reinvestment & Maintenance Programme*

In 2013, Aurora embarked on a significant reinvestment and maintenance programme, largely as a consequence of exceeding the quality limits in 2011 (SAIDI) and 2012 (SAIDI & SAIFI). The key focus of the reinvestment and maintenance programme is the replacement of aging pole structures and management of vegetation near overhead lines.

When EDBs' quality standards were reset, the Commerce Commission looked at a 10-year dataset and set the targets based on historic averages, adjusted for new weighting and normalisation

² With respect to the 10-year dataset used by the Commerce Commission to reset Aurora's quality standards from 1 April 2015.

³ With respect to the 10-year average of 2.3 major event days per year, for both SAIDI & SAIFI, that formed part of the Commerce Commission's design of the quality standards.

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mechanisms. It is Aurora's understanding that little or no regard was had for EDBs' investment plans as outlined in individual asset management plans.

As can be seen in Figure 1 and Figure 2, the SAIDI and SAIFI contribution made by planned events, especially in the 2015, 2016, and 2017 Assessment Periods, far exceeds the historic average of Class B indices contained within the reference set used to reset Aurora's quality standards.

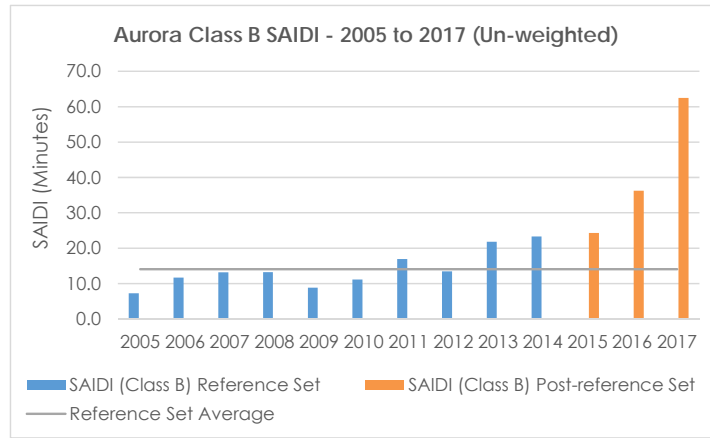


Figure 1 - Historic SAIDI (Class B)

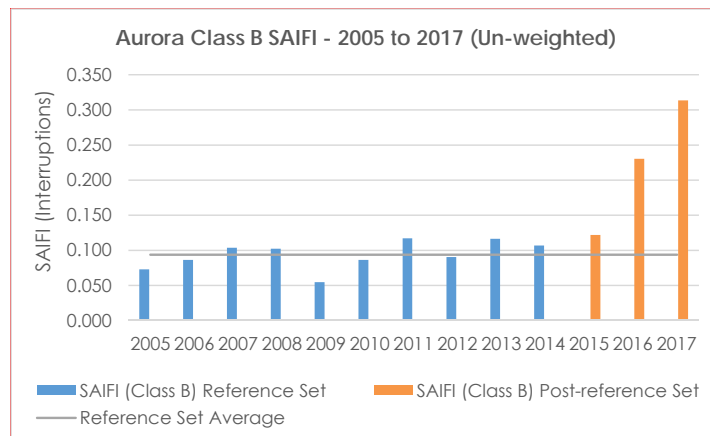


Figure 2 - Historic SAIFI (Class B)

6.2.1.2 Major Event Days

During the Assessment Period, Aurora experienced a total of 7 major event days:

- 2 instances of SAIDI and SAIFI major events days occurring concurrently; and
- 5 instances of SAIDI major events days occurring independently

Table 29 and Table 30 (Appendix F) refer.

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Date: 4 April 2016	MED Type: SAIDI and SAIFI	SAIDI: 10.239 min.	SAIFI: 0.080 int.
A forestry logging contractor felled a tree onto the Green Island No.2 33kV line while the Green Island No.1 33kV line was out of service. This event resulted in loss of supply for all 4126 customers connected within the Green Island zone. Switching was carried out to transfer all Green Island load to adjacent zone substations, with the maximum duration of interruption being 193 minutes.			
Date: 14 July 2016	MED Type: SAIDI and SAIFI	SAIDI: 5.712 min.	SAIFI: 0.096 int.
A series of multiple faults occurred within the Arrowtown zone, at various times, all of which were related an original outage caused by a broken pole. Fault current caused a series of connecting leads to fail, upstream of the fault. During switching activities, Arrowtown T1 tripped, with T2 tripping shortly thereafter as a result of overload. The Dalefield, Coronet Peak and Remarkables zone substations (all on the Arrowtown 'ring' were also impacted. Approximately 3150 customers were interrupted for up to 180 minutes.			
Date: 12 October 2016	MED Type: SAIDI only	SAIDI: 14.890 min.	SAIFI: 0.047 int.
<p>Snow related power outages In Arrowtown and Glenorchy, Central Otago</p> <p>Heavy, wet, snow overnight caused multiple faults in the Arrowtown, Glenorchy and surrounding areas of Central Otago. The late season snow was wet and heavy, and caused high mechanical loadings on powerlines and trees. Service crews attended to over 100 tree branches broken or contacting powerlines due to the heavy snow.</p> <p>Power remained out to approximately 1,800 customers in the Arrowtown, Dalefield, Lower Shotover and Lake Hayes areas. Power was restored overnight to parts of Glenorchy, the Gibbston Valley and Millbrook. Service crews worked through the night to remove snow from overhead power lines and restore power. At 1am, restoration work was suspended due to dangerous weather and work conditions. Service crews continues to respond only to the extent required to make safe.</p>			
Date: 29 November 2016	MED Type: SAIDI only	SAIDI: 3.955 min.	SAIFI: 0.009 int.
An emergency isolation of the Kelvin Heights area of Queenstown was undertaken to replace a pole judged to be at imminent risk of failure. Difficulties were experienced in excavating for the new pole as a significant quantity of rock was encountered. A total of 640 customers were interrupted for 537 minutes.			
Date: 11 January 2017	MED Type: SAIDI only	SAIDI: 5.320 min.	SAIFI: 0.011 int.
A large fire, suspected to have been ignited by a campfire, destroyed approximately 150hectares of native bush at Rat Point on the shores of Lake Wakatipu. Approximately 1km of 11kV line was affected, serving 335 customers in the Glenorchy, Kinloch, Moke Lake, Paradise and Routeburn areas. The line was originally isolated as a safety measure for fire crews, before the fire swept through the line, and thereafter, for a period in excess of 12 hours, service crews were prevented from accessing the site, as it was under the control of the NZ fire service. Six poles and associated conductor were completely destroyed and had to be replaced. The total duration of the interruption was 22 hours, 23 minutes.			

Date: 19 January 2017	MED Type: SAIDI only	SAIDI: 3.413 min.	SAIFI: 0.029 int.
<p>As a consequence of a severe weather event, a high number of high and low voltage faults occurred across both Central and Dunedin. At the height of the storm 8 service crews in Dunedin and 6 service crews in Central responded to network faults. A total of 13 feeder faults occurred across the network, with the majority of faults in Central occurring in the Teviot Valley area and attributable to felled trees downing powerlines. High voltage feeder faults were experienced across the Dunedin city network with causes ranging from clashing overhead conductor, to trees in powerlines.</p> <p>The MetService described the weather event as a "bomb low"; its term for a rapidly deepening low pressure centre. Weather warnings were received for severe south to southwest gusts of up to 140km/h in exposed places. Aurora put service crews on standby in preparation should the strong winds cause any outages, and activated its significant event response coordination team.</p>			
Date: 24 January 2017	MED Type: SAIDI only	SAIDI: 9.898 min.	SAIFI: 0.016 int.
<p>A severe wind event caused multiple high voltage line faults in the Queenstown and FernHill areas of Central Otago. Service crews repaired damaged overhead lines at Bobs Cove on the Queenstown-Glenorchy Road and at Fernhill, a suburb in Queenstown. Access by vehicle and foot was limited, and once winds had abated to a safe level, a helicopter was used to inspect for damage, locating several downed trees within the fall zone of powerlines.</p> <p>The outage affected 350 customers in Glenorchy (near Queenstown). Following switching to isolate the fault, power was further cut to 200 customers in some parts of the suburbs of Fernhill and Moke Lake in Queenstown for an extended period.</p>			

Table 7 - Major event day causes

6.2.2 Actions to Mitigate Non-Compliance

There is a relatively limited range of actions that can be taken to effect an improvement in distribution reliability, and all generally take time (several years rather than several months) before improvements are noted in reliability indices. Action that can be taken includes:

- Data collection and analysis, to understand the scope of the problem, direct resources, and measure improvements;
- Outage prevention, through maintenance and reinvestment programmes to ensure that overhead structures are durable and that external influences are minimised. Examples of the latter include vegetation control, animal guards, etc;
- Network segmentation and sectionalising, to ensure that interruptions are limited in their geographical scope, and therefore, customer impact. Examples include installation of feeder reclosers and ensuring that spurs are fused at the 'tee' point; and
- Accelerating restoration of outages. Appropriate network segmentation and sectionalising can assist in reducing restoration times, as the fault finding time is generally reduced. Other technology that can be employed to reduce restoration time includes fault locators at the cheaper end of the spectrum, to motorised and remotely controlled switchgear at the more expensive end.

When a deteriorating reliability trend is noted, there is no 'magic wand' that can be waved to instantly bring matters under control.

6.2.2.1 Planned Outages

As discussed in section 6.2.1.1, Aurora has a significant renewal and maintenance programme in place, aimed at effecting improvements to reliability that were identified, in part, through Aurora's non-compliance with quality standards in 2011 and 2012. Consequently, the scale of Class B (planned) outages has increased to permit pole replacements and vegetation clearance in a safe manner, generally in circumstances where live working is not technically feasible.

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Additionally, significant customer growth in Central Otago means that the quantity of network extensions has remained high, most of which require planned outages to make the final connection to the network.

Aurora could have restricted planned work; however, such action would be counterproductive, as it would impact on work destined to have a positive reliability impact in the longer term. Additionally, not supplying new customers would damage business reputation and confidence in the electricity supply industry, as well as having a likely detrimental effect on the regional economy.

6.2.2.2 Outage Control and Response

In addition to the reinvestment and maintenance programme, Aurora continues to progress a major upgrade of its network management system. This upgrade includes new control room arrangements, new SCADA, incorporates a new advanced distribution management system (ADMS) and outage management system (OMS)⁴, new communication links between primary and secondary control rooms and substations, new remote terminal units at each substation, new load control equipment, sub-transmission circuit protection equipment and direct communication links between Aurora and Transpower.

As part of this project, the existing Dunedin and Central Otago control rooms will ultimately be consolidated into one network operations centre (NOC). On 1 July 2016, the Dunedin control room transitioned to 24/7 staffing and the operations group has seen a significant improvement in response times to faults as a result of this change. The consolidation of the Dunedin and Central Otago control rooms remains a future activity, as this is reliant on completion of SCADA and communications upgrades.

6.2.3 *Future Reliability Performance*

Compliance with the quality path is expected to be an increasingly difficult proposition over the coming years, due to a range of factors:

6.2.3.1 Quality Standards

The manner in which the quality standards are set by the Commerce Commission is expected to have a material impact over time. The Commission's general approach applies a sinking lid to quality standards by setting compliance limits with reference to a historical average. For the 2015 reset of the default price-quality path for non-exempt distributors, the average was calculated over a 10-year reference period. Accordingly, where a distributor's performance is better than the quality limits, over the reference period, they are 'rewarded' with lower reliability limits that they must comply with.

Aurora noted in its 2014 submission on proposed quality limits for the 2015 to 2020 regulatory period that *"the quality target reset mechanism tends to apply a "sinking lid" that ratchets up service quality requirements over time. Like all sinking lid mechanisms, this could ultimately result in targets that are unsustainable (unless offset by an exponential increase in reliability investment)."*

6.2.3.2 Investment Profiles

As noted above, Aurora's investment profile influences the extent of planned interruptions on the network. The principal activities being planned and undertaken by Aurora over the next few years are pole replacements and vegetation management, and commenced in earnest in 2013.

Whilst, as discussed above, the calculation of compliance limits are based on a historical average and therefore inherently factors in an allowance for planned interruptions, the challenge for Aurora is that its current level of planned interruptions (three year average, 2015 to 2017 – 41.0 minutes) is 191% greater than the average duration of planned interruptions over the reference period used to set the compliance limits (14.10 minutes).

Although the Commission has introduced a 50% weighting on planned interruptions for the period 1 April 2015 to 31 March 2020, this has no material effect on the compliance limits, since the weighting is factored into the limit calculations. At best, the 50% weighting provides Aurora with some

⁴ The ADMS and OMS are components of the GE PowerOn Fusion solution.

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additional flexibility to determine which planned events proceed and which might be reasonably deferred (if any), as reliability performance approaches the compliance limits.

Figure 1 and Figure 2, above, provide a practical demonstration of the consequential outcomes when quality standards are reset without taking account of the distributor's investment programme, as articulated in its Asset Management Plan.

6.2.3.3 *Fast-track Pole Programme*

On 31 October 2016, Directors of Aurora Energy approved fast-tracking of its pole remediation programme in response to public safety concerns. The objective of the fast-track programme is to remove the risk around 2,910 priority poles through a combination of replacement, reinforcement and independently verified condition reassessment.

To meet the objectives of the programme, Aurora has brought in up to 17 line crews to supplement the resources of its asset services contractor, Delta. Since these crews will be operating on an unfamiliar network, with multiple work-sites within authorisation areas, Aurora took the decision that work performed by external crews would be performed de-energised. Supporting this decision is the fact that much of the Dunedin network and some of the Central network is constructed and operated at 6.6kV, with smaller clearances than in 11kV networks. WorkSafe endorsed this approach by issue of instruction, on 14 March 2017, under section 8 of the Electricity Act 1992.

Activities of the fast-tracked pole programme have had a significant impact on Aurora's reliability performance, particularly in the final quarter of the 2017 disclosure year, and will similarly impact reliability performance in the 2018 disclosure year.

6.2.3.4 *Health, Safety, and Risk Management*

Increased focus on managing health and safety risks, driven in part by the Governments "Working Safer" reforms, is likely to impact on reliability performance in future years. It is possible that some "reliability friendly" work methodologies, such as live working, could become restricted as risk tolerance is driven lower. While this is speculative, there are some areas where reliability is being influenced by health and safety risk management now:

- The adoption of the Electricity Engineers' Association Guide to Management of Arc Flash Hazards has resulted in greater consideration of the hazard, and restricted work practices. As an example, due to the arc-flash potential at some distribution substations, isolation of low voltage circuits by removal of fuses is considered to be too significant a risk and, to effect LV isolation, the distribution transformer needs to be isolated. Thus, interruptions that were not previously captured by the reliability regulations are now included, due to the change in voltage at which the isolation occurs.
- A February 2015 workplace fatality in Western Australia, associated with the operation of Long & Crawford fuse switches, has seen Do Not Operate (DNO) orders issued by several distributors nation-wide, including Aurora. The DNO order requires that isolation occur at the next available switch, deeper into the network, resulting in a greater number of consumers being interrupted than would otherwise have occurred. Aurora has 162 such units, and while it is possible that the DNO order will be lifted or amended following release of the incident investigation report and associated recommendations, the reliability impact could be material over time.
- Aurora, along with most EDBs, now responds to Rural Fire Service 'spike day' alerts by disabling automatic reclosers in an attempt to prevent fire damage. Arguably, this action decreases, markedly, the utility of auto-reclosers at a time when they are most useful.

6.3 Intention to Apply for a Customised Price-quality Path

Information provided in this Compliance Statement has demonstrated that Aurora has, and will continue to have in the short to medium term, significant difficulty in complying with the quality limits set under its Default Price-quality Path (DPP). At the same time, as evidenced in its Asset Management Plans, Aurora's capital and maintenance expenditure will exceed the regulatory expenditure allowances under the DPP. Fundamentally, Aurora Energy's DPP does not fit its current circumstances, and there is uncertainty as to how fitting the DPP will be once reset from 1 April 2020.

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The regulatory solution to a DPP that does not fit a regulated supplier's circumstances, is to submit a Customised Price-quality Path (CPP) proposal for consideration by the Commerce Commission. On 1 May 2017, Directors of Aurora Energy approved an initial project plan and budget for preparation and submission of a CPP application.

The development of a CPP is a substantial undertaking, and it is expected that the earliest that Aurora can submit its application is in February 2019, being the last available application 'window' within the 2015-2020 regulatory control period. Accordingly, the earliest that Aurora could expect new price and reliability limits to apply is from 1 April 2020.

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APPENDIX A Director's Certificate

I, Stephen Richard Thompson, being a director of Aurora Energy Limited certify that, having made all reasonable enquiry, to the best of my knowledge and belief, the attached Annual Compliance Statement of Aurora Energy Limited, and related information, prepared for the purposes of the Electricity Distribution Services Default Price-Quality Path Determination 2015 are true and accurate.



Stephen Richard Thompson

8 June 2017

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APPENDIX B Price Path Compliance Calculations

Allowable Notional Revenue 2016/17		
Term	Description	Value \$
$\Sigma DP_{2015/16} Q_{2014/15}$	Distribution Prices during 2015/2016 multiplied by 2014/2015 Quantities	57,381,862
$ANR_{2015/16}$	Allowable Notional Revenue for the year ending 31 March 2016	55,891,603
$NR_{2015/16}$	Notional Revenue for the year ending 31 March 2016	55,838,036
$CPI_{2016/17}$	Change in Consumer Price Index (ΔCPI_t)	0.46%
X	Annual Rate of Change	0%
$ANR_{2016/17}$	Allowable Notional Revenue for the year ending 31 March 2017	57,700,108

Table 8 - Derivation of allowable notional revenue

Notional Revenue 2016/17		
Term	Description	Value \$
$\Sigma DP_{2016/17} Q_{2014/15}$	Distribution Prices during 2016/2017 multiplied by 2014/2015 Quantities	57,641,042
$NR_{2016/17}$	Notional Revenue for the year ending 31 March 2017	57,641,042

Table 9 - Derivation of notional revenue

APPENDIX C Pass-through Balance

Pass-through Balance 2016/17		
Term	Description	Value \$
$PTP_{2016/17} Q_{2016/17}$	Pass-through Prices during 2016/2017 multiplied by 2016/2017 Quantities	33,673,566
$K_{2016/17}$	Rates on system fixed assets for the year ending 31 March 2017	930,649
	Commerce Act levies for the year ending 31 March 2017	141,233
	Electricity Authority levies for the year ending 31 March 2017	259,963
	Utilities Disputes levies for the year ending 31 March 2017	50,167
$V_{2016/17}$	Transpower transmission charges for the year ending 31 March 2017	24,582,146
	Transpower New Investment Contract charges for the year ending 31 March 2017	646,885
	System operator services charges for the year ending 31 March 2017	-
	Avoided transmission charges resulting from purchase of transmission asset from Transpower for the year ending 31 March 2017	-
	Distributed generation allowance for the year ending 31 March 2017	7,986,718
	Claw-back for the year ending 31 March 2017	-
	NPV Wash-up Allowance for the year ending 31 March 2017	-
	Energy efficiency and demand-side management incentive allowance for the year ending 31 March 2017	Nil
	Catastrophic event allowance for the year ending 31 March 2017	Nil
	Extended reserves allowance for the year ending 31 March 2017	Nil
	Quality incentive adjustment for the year ending 31 March 2017	Nil
	Capex wash-up adjustment for the year ending 31 March 2017	(600,000)
	Reconsideration event allowance for the year ending 31 March 2017	Nil
$PTB_{2015/16}$	Pass-through Balance from previous Assessment Period	978,124
r	Cost of Debt	6.09%
$PTB_{2016/17}$	Pass-through Balance for the Assessment Period ending 31 March 2017	713,497

Table 10 - Calculation of the pass-through balance

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Pass-through Balance Reconciliation 2016/17		
Term	Description	Value \$
<i>PTP</i> 2016/17 <i>Q</i> 2016/17	Pass-through Prices during 2016/2017 multiplied by 2016/2017 Quantities	33,673,566
<i>Total Pass-through and Recoverable Costs</i>	Total Pass-through and Recoverable Costs for the year ending 31 March 2017	33,997,760
<i>PTB</i> 2016/17	Pass-through Balance for the Assessment Period ending 31 March 2017	713,497
<i>PTB</i> 2015/16	Pass-through Balance from previous Assessment Period	978,124
<i>Difference</i>	Reconciliation between Pass-through Balance for the Assessment Period with the Pass-through Balance for the preceding Assessment Period	(264,627)

Table 11 – Pass-through balance reconciliation

Pass-through Costs for year ending March 2017				
<i>K</i> 2016/17	Actual (\$)	Forecast (\$)	Variance (\$)	Variance (%)
Rates on system fixed assets	930,649	936,129	(5,479)	(0.6%)
Commerce Act levies	141,233	122,728	18,505	15.1%
Electricity Authority levies	259,963	273,732	(13,769)	(5.0%)
Utilities Disputes levies	50,167	46,188	3,979	8.6%
Total Pass-through Costs	1,382,012	1,378,776	3,235	0.2%

Table 12 - Statement of pass-through costs

Recoverable Costs for year ending March 2017				
V 2016/17	Actual (\$)	Forecast (\$)	Variance (\$)	Variance (%)
Transpower transmission charges	24,582,146	24,581,423	723	0.0%
New investment contract charges	646,885	646,885	0	0.0%
System operator services charges	-	-	-	0.0%
Avoided transmission charges - purchases from Transpower	-	-	-	0.0%
Distributed generation allowance	7,986,718	7,986,718	-	0.0%
Claw-back	-	-	-	0.0%
NPV wash-up allowance	-	-	-	0.0%
Energy efficiency allowance	Nil	-	-	0.0%
Catastrophic event allowance	Nil	-	-	0.0%
Extended reserves allowance	Nil	-	-	0.0%
Quality incentive adjustment	Nil	-	-	0.0%
Capex wash-up adjustment	(600,000)	(600,000)	-	0.0%
Reconsideration event allowance	Nil	-	-	0.0%
Total Recoverable Costs	32,615,749	32,615,026	723	0.0%

Table 13 - Statement of recoverable costs

APPENDIX D Price and Quantity Schedules – Distribution

Area	Description	Distribution Notional Revenue		Distribution Notional Revenue		Reference table
		t-1 period		t period		
		DP _{i,2016} Q _{i,2015}		DP _{i,2017} Q _{i,2015}		
Dunedin	Residential fixed prices	\$	2,568,945	\$	2,569,862	A
	Variable prices	\$	14,476,661	\$	14,782,537	B
	General fixed prices	\$	10,755,452	\$	11,450,863	C
	Street lighting prices	\$	269,962	\$	277,736	D
	Non-standard prices	\$	122,319	\$	122,829	E
	Sub-total	\$	28,193,339	\$	29,203,826	
Clyde/Cromwell	Residential fixed prices	\$	774,717	\$	774,997	F
	Variable prices	\$	9,755,322	\$	9,705,945	G
	General fixed prices	\$	7,694,277	\$	7,434,947	H
	Street lighting prices	\$	123,858	\$	119,877	I
	Non-standard prices	\$	419,509	\$	425,609	J
	Sub-total	\$	18,767,683	\$	18,461,375	
Frankton	Residential fixed prices	\$	459,941	\$	460,106	K
	Variable prices	\$	4,642,731	\$	4,331,469	L
	General fixed prices	\$	3,785,595	\$	3,680,292	M
	Street lighting prices	\$	49,564	\$	48,728	N
	Non-standard prices	\$	120,889	\$	117,079	O
	Sub-total	\$	9,058,719	\$	8,637,673	
Frankton Sub Area	Residential fixed prices	\$	65,869	\$	65,893	P
	Variable prices	\$	606,406	\$	565,959	Q
	General fixed prices	\$	569,328	\$	565,116	R
	Non-standard prices	\$	71,162	\$	71,490	S
	Sub-total	\$	1,312,764	\$	1,268,457	
Heritage	Residential fixed prices	\$	4,801	\$	4,802	T
	Variable prices	\$	40,009	\$	59,059	U
	General fixed prices	\$	2,185	\$	2,934	V
	Street lighting prices	\$	2,361	\$	2,914	W
	Sub-total	\$	49,356	\$	69,710	
All	Total	\$	57,381,862	\$	57,641,042	

Table 14 - Summarised notional revenues

Table A: Dunedin Residential fixed prices			Distribution prices							
Load Group	Description	Code	t-1 period				t period			
			Q _{1,2015}	Units	DP _{1,2016}	DP _{1,2016} Q _{1,2015}	Q _{1,2015}	Units	DP _{1,2017}	DP _{1,2017} Q _{1,2015}
Residential 15	HWB/SDNResidential 15TOTAL	SHSD15	46,788	\$/Year	\$ 54.73	\$ 2,560,689	17,077,498	\$/Day	\$ 0.1500	\$ 2,561,625
Residential 8	HWB/SDNResidential 8TOTAL	SHSD8	550	\$/Year	\$ 15.00	\$ 8,256	200,902	\$/Day	\$ 0.0410	\$ 8,237
SUM						\$ 2,568,945				\$ 2,569,862
Table B: Dunedin Residential variable prices			Distribution prices							
Load Group	Description	Code	t-1 period				t period			
			Q _{1,2015}	Units	DP _{1,2016}	DP _{1,2016} Q _{1,2015}	Q _{1,2015}	Units	DP _{1,2017}	DP _{1,2017} Q _{1,2015}
Residential DN	Uncontrolled - Summer	010S	10,743,817	\$/kWh	\$ 0.0589	\$ 632,811	10,743,817	\$/kWh	\$ 0.0406	\$ 651,075
Residential DN	Uncontrolled - Winter	010W	12,309,528	\$/kWh	\$ 0.0658	\$ 809,967	12,309,528	\$/kWh	\$ 0.0668	\$ 822,276
Residential DN	All Inclusive - Summer Day	011S	998,682	\$/kWh	\$ 0.0537	\$ 53,629	998,682	\$/kWh	\$ 0.0554	\$ 55,327
Residential DN	All Inclusive - Winter Day	011W	1,275,506	\$/kWh	\$ 0.0562	\$ 71,683	1,275,506	\$/kWh	\$ 0.0574	\$ 73,214
Residential DN	All Inclusive - Night	012	1,397,257	\$/kWh	\$ 0.0040	\$ 5,589	1,397,257	\$/kWh	\$ 0.0041	\$ 5,729
Residential DN	All Inclusive - Summer	017S	171,447,165	\$/kWh	\$ 0.0287	\$ 4,920,534	171,447,165	\$/kWh	\$ 0.0293	\$ 5,023,402
Residential DN	All Inclusive - Winter	017W	186,745,080	\$/kWh	\$ 0.0425	\$ 7,936,666	186,745,080	\$/kWh	\$ 0.0434	\$ 8,104,736
Residential DN	Night Boost	024	2,062,714	\$/kWh	\$ 0.0149	\$ 30,734	2,062,714	\$/kWh	\$ 0.0152	\$ 31,353
Residential DN	Night Only	028	3,761,004	\$/kWh	\$ 0.0040	\$ 15,044	3,761,004	\$/kWh	\$ 0.0041	\$ 15,420
Unmetered Supply DN	DUML Volumetric Price	030	243	\$/kWh	\$ 0.0134	\$ 3	243	\$/kWh	\$ 0.0137	\$ 3
SUM						\$ 14,476,661				\$ 14,782,537
Table C: Dunedin General fixed prices			Distribution prices							
Load Group	Description	Code	t-1 period				t period			
			Q _{1,2015}	Units	DP _{1,2016}	DP _{1,2016} Q _{1,2015}	Q _{1,2015}	Units	DP _{1,2017}	DP _{1,2017} Q _{1,2015}
Unmetered Supply	HWB/SDNUnmetered Supply	SHSUNM	1	\$/Year	\$ 13.56	\$ 13,56	183	\$/Day	\$ 0.0385	\$ 7
LO	HWB/SDNLoad Group 0TOTAL	SH0-L0-F	138	\$/Year	\$ 110.30	\$ 15,212	50,340	\$/Day	\$ 0.3134	\$ 15,776
LOA	HWB/SDNLoad Group 0ATOTAL	SH0A-L0A-F	129	\$/Year	\$ 228.99	\$ 29,635	47,237	\$/Day	\$ 0.5056	\$ 30,732
Load Group 1A	HWB/SDNLoad Group 1ATOTAL	SH1A-L1A-F	398	\$/Year	\$ 10.25	\$ 4,083	145,392	\$/Day	\$ 0.0291	\$ 4,231
Load Group 1A	HWB/SDNLoad Group 1ACAPACITYTOTAL	SH1A-L1A-CKVA	3,190	\$/kVA/Year	\$ 14.19	\$ 45,272	1,164,502	\$/kVA/Day	\$ 0.0403	\$ 46,929
Load Group 1A	HWB/SDNLoad Group 1ACPD TOTAL	SH1A-L1A-CPD	382	\$/kWh/Year	\$ 88.50	\$ 33,829	139,521	\$/kWh/Day	\$ 0.2514	\$ 35,076
Load Group 1	HWB/SDNLoad Group 1TOTAL	SH1-L1-F	2,972	\$/Year	\$ 10.25	\$ 30,466	1,084,902	\$/Day	\$ 0.0291	\$ 31,571
Load Group 1	HWB/SDNLoad Group 1CAPACITYTOTAL	SH1-L1-CKVA	44,636	\$/kVA/Year	\$ 12.70	\$ 566,880	16,292,231	\$/kVA/Day	\$ 0.0361	\$ 588,150
Load Group 1	HWB/SDNLoad Group 1CPD TOTAL	SH1-L1-CPD	7,183	\$/kWh/Year	\$ 88.50	\$ 635,710	2,621,856	\$/kWh/Day	\$ 0.2514	\$ 659,135
Load Group 2	HWB/SDNLoad Group 2TOTAL	SH2-L2-F	3,028	\$/Year	\$ 22.09	\$ 66,898	1,105,372	\$/Day	\$ 0.0628	\$ 69,417
Load Group 2	HWB/SDNLoad Group 2CAPACITYTOTAL	SH2-L2-CKVA	152,952	\$/kVA/Year	\$ 14.85	\$ 2,271,341	55,827,571	\$/kVA/Day	\$ 0.0446	\$ 2,489,910
Load Group 2	HWB/SDNLoad Group 2CPD TOTAL	SH2-L2-CPD	24,649	\$/kWh/Year	\$ 88.50	\$ 2,181,422	8,996,824	\$/kWh/Day	\$ 0.2514	\$ 2,261,802
Load Group 3	HWB/SDNLoad Group 3TOTAL	SH3-L3-F	103	\$/Year	\$ 402.00	\$ 41,205	37,413	\$/Day	\$ 1.1400	\$ 42,650
Load Group 3	HWB/SDNLoad Group 3CAPACITYTOTAL	SH3-L3-CKVA	20,125	\$/kVA/Year	\$ 23.65	\$ 475,944	7,345,443	\$/kVA/Day	\$ 0.0730	\$ 536,217
Load Group 3	HWB/SDNLoad Group 3KVA KM	SH3-L3-DIS	111,377	\$/kVA-km/Year	\$ 0.28	\$ 31,186	40,652,575	\$/kVA-km/Day	\$ 0.0008	\$ 32,522
Load Group 3	HWB/SDNLoad Group 3CPD TOTAL	SH3-L3-CPD	5,803	\$/kWh/Year	\$ 53.10	\$ 308,113	2,117,913	\$/kWh/Day	\$ 0.1654	\$ 350,303
Load Group 3A	HWB/SDNLoad Group 3ATOTAL	SH3A-L3A-F	87	\$/Year	\$ 402.00	\$ 34,941	31,725	\$/Day	\$ 1.1400	\$ 36,166
Load Group 3A	HWB/SDNLoad Group 3ACAPACITYTOTAL	SH3A-L3A-CKVA	27,089	\$/kVA/Year	\$ 21.75	\$ 589,177	9,887,333	\$/kVA/Day	\$ 0.0672	\$ 664,429
Load Group 3A	HWB/SDNLoad Group 3AKVA KM	SH3A-L3A-DIS	147,520	\$/kVA-km/Year	\$ 0.28	\$ 41,306	53,844,891	\$/kVA-km/Day	\$ 0.0008	\$ 43,076
Load Group 3A	HWB/SDNLoad Group 3ACPD TOTAL	SH3A-L3A-CPD	8,780	\$/kWh/Year	\$ 53.10	\$ 466,231	3,204,791	\$/kWh/Day	\$ 0.1654	\$ 530,072
Load Group 4	HWB/SDNLoad Group 4TOTAL	SH4-L4-F	77	\$/Year	\$ 1,012.00	\$ 78,346	28,257	\$/Day	\$ 2.8800	\$ 81,380
Load Group 4	HWB/SDNLoad Group 4CAPACITYTOTAL	SH4-L4-CKVA	88,778	\$/kVA/Year	\$ 12.95	\$ 761,171	21,453,848	\$/kVA/Day	\$ 0.0368	\$ 789,500
Load Group 4	HWB/SDNLoad Group 4KVA KM	SH4-L4-DIS	323,681	\$/kVA-km/Year	\$ 0.28	\$ 90,631	118,143,626	\$/kVA-km/Day	\$ 0.0008	\$ 94,515
Load Group 4	HWB/SDNLoad Group 4CPD TOTAL	SH4-L4-CPD	17,350	\$/kWh/Year	\$ 51.00	\$ 884,871	6,332,902	\$/kWh/Day	\$ 0.1435	\$ 908,771
Load Group 5	HWB/SDNLoad Group 5TOTAL	SH5-L5-F	8	\$/Year	\$ 1,012.00	\$ 7,927	2,859	\$/Day	\$ 2.8800	\$ 8,234
Load Group 5	HWB/SDNLoad Group 5CAPACITYTOTAL	SH5-L5-CKVA	30,557	\$/kVA/Year	\$ 7.39	\$ 225,813	11,153,153	\$/kVA/Day	\$ 0.0236	\$ 263,214
Load Group 5	HWB/SDNLoad Group 5KVA KM	SH5-L5-DIS	221,157	\$/kVA-km/Year	\$ 0.28	\$ 61,924	80,722,214	\$/kVA-km/Day	\$ 0.0008	\$ 64,578
Load Group 5	HWB/SDNLoad Group 5CPD TOTAL	SH5-L5-CPD	7,988	\$/kWh/Year	\$ 32.00	\$ 255,624	2,915,711	\$/kWh/Day	\$ 0.0865	\$ 252,209
Other Charges	HWB/SDNLoad Group OTHER TOTAL	OC	10,802	\$	\$ 1.00	\$ 10,802	10,802	\$	\$ 1.0000	\$ 10,802
Transformer Charges	HWB/SDNLoad Group TRANS TOTAL	TC	531,090	\$	\$ 1.00	\$ 531,090	531,090	\$	\$ 1.0000	\$ 531,090
SUM						\$ 10,755,452				\$ 11,450,863
Table D: Dunedin Street Lighting prices			Distribution prices							
Load Group	Description	Code	t-1 period				t period			
			Q _{1,2015}	Units	DP _{1,2016}	DP _{1,2016} Q _{1,2015}	Q _{1,2015}	Units	DP _{1,2017}	DP _{1,2017} Q _{1,2015}
Street Lighting	Street Lighting	SDNSTL	1	\$/Year	\$ 91.261	\$ 91,261	365	\$/Day	\$ 256	\$ 93,542
Street Lighting	Street Lighting	HWBSTL	1	\$/Year	\$ 178,701	\$ 178,701	365	\$/Day	\$ 505	\$ 184,194
SUM						\$ 269,962				\$ 277,736
Table E: Dunedin Non-standard prices			Distribution prices							
Load Group	Description	Code	t-1 period				t period			
			Q _{1,2015}	Units	DP _{1,2016}	DP _{1,2016} Q _{1,2015}	Q _{1,2015}	Units	DP _{1,2017}	DP _{1,2017} Q _{1,2015}
Non-standard	Generation	ICP AAA	1	\$/Year	\$ 122,319	\$ 122,319	1	\$/Year	\$ 122,829	\$ 122,829
SUM						\$ 122,319				\$ 122,829

Table 15 - Notional revenues by tariff - Dunedin pricing area

Table F: Clyde/Cromwell Residential fixed prices			Distribution prices											
Load Group	Description	Code	t-1 period					t period						
			Q _i ,2015	Units	DP _i ,2016	DP _i ,2016	Q _i ,2015	Q _i ,2015	Units	DP _i ,2017	DP _i ,2017	Q _i ,2015		
Residential 15	CYD/CMLResidential 15TOTAL	CCSD15	14,139	\$/Year	\$	54.73	\$	773,850	5,140,887	\$/Day	\$	0.1500	\$	774,133
Residential 8	CYD/CMLResidential 8TOTAL	CCSD8	58	\$/Year	\$	15.00	\$	866	21,079	\$/Day	\$	0.0410	\$	864
SUM							\$	774,717					\$	774,997
Table G: Clyde/Cromwell variable prices			Distribution prices											
Load Group	Description	Code	t-1 period					t period						
			Q _i ,2015	Units	DP _i ,2016	DP _i ,2016	Q _i ,2015	Q _i ,2015	Units	DP _i ,2017	DP _i ,2017	Q _i ,2015		
Residential CYD/CML	Uncontrolled - Summer	101S	32,655,564	\$/kWh	\$	0.1026	\$	3,350,461	32,655,564	\$/kWh	\$	0.1021	\$	3,334,133
Residential CYD/CML	Uncontrolled - Winter	101W	35,856,394	\$/kWh	\$	0.1380	\$	4,948,182	35,856,394	\$/kWh	\$	0.1373	\$	4,923,083
Residential CYD/CML	Night Boost (13hr)	103	597,451	\$/kWh	\$	0.0601	\$	35,907	597,451	\$/kWh	\$	0.0598	\$	35,726
Residential CYD/CML	Night Boost (11hr)	104	2,134,886	\$/kWh	\$	0.0492	\$	105,036	2,134,886	\$/kWh	\$	0.0490	\$	104,609
Residential CYD/CML	Controlled (16hr)	106	23,250,845	\$/kWh	\$	0.0534	\$	1,241,595	23,250,845	\$/kWh	\$	0.0531	\$	1,234,620
Residential CYD/CML	Night Only	108	1,211,981	\$/kWh	\$	0.0421	\$	51,024	1,211,981	\$/kWh	\$	0.0419	\$	50,782
Residential CYD/CML	Controlled (20hr)	109	313,224	\$/kWh	\$	0.0738	\$	23,116	313,224	\$/kWh	\$	0.0734	\$	22,991
SUM							\$	9,755,322					\$	9,705,945
Table H: Clyde/Cromwell General fixed prices			Distribution prices											
Load Group	Description	Code	t-1 period					t period						
			Q _i ,2015	Units	DP _i ,2016	DP _i ,2016	Q _i ,2015	Q _i ,2015	Units	DP _i ,2017	DP _i ,2017	Q _i ,2015		
LO	CYD/CMLLoad Group 0TOTAL	CC0-L0-F	121	\$/Year	\$	194.36	\$	23,534	44,195	\$/Day	\$	0.5234	\$	23,132
LOA	CYD/CMLLoad Group 0ATOTAL	CC0A-L0A-F	222	\$/Year	\$	370.56	\$	82,295	81,060	\$/Day	\$	0.9980	\$	80,898
Load Group 1A	CYD/CMLLoad Group 1ATOTAL	CC1A-L1A-F	243	\$/Year	\$	13.68	\$	3,317	88,513	\$/Day	\$	0.0368	\$	3,257
Load Group 1A	CYD/CMLLoad Group 1ACAPACITY TOTAL	CC1A-L1A-CKVA	1,937	\$/kVA/Year	\$	30.94	\$	59,918	706,853	\$/kVA/Day	\$	0.0808	\$	57,114
Load Group 1A	CYD/CMLLoad Group 1ACPD TOTAL	CC1A-L1A-CPD	220	\$/kW/Year	\$	181.12	\$	39,892	80,391	\$/kW/Day	\$	0.4630	\$	37,221
Load Group 1	CYD/CMLLoad Group 1TOTAL	CC1-L1-F	1,667	\$/Year	\$	13.68	\$	22,799	608,303	\$/Day	\$	0.0368	\$	22,386
Load Group 1	CYD/CMLLoad Group 1CAPACITY TOTAL	CC1-L1-CKVA	24,985	\$/kVA/Year	\$	28.58	\$	714,078	9,119,616	\$/kVA/Day	\$	0.0746	\$	680,523
Load Group 1	CYD/CMLLoad Group 1CPD TOTAL	CC1-L1-CPD	3,227	\$/kW/Year	\$	181.12	\$	584,535	1,177,977	\$/kW/Day	\$	0.4630	\$	545,403
Load Group 2	CYD/CMLLoad Group 2TOTAL	CC2-L2-F	1,583	\$/Year	\$	28.74	\$	45,488	577,704	\$/Day	\$	0.0774	\$	44,714
Load Group 2	CYD/CMLLoad Group 2CAPACITY TOTAL	CC2-L2-CKVA	81,240	\$/kVA/Year	\$	24.00	\$	1,949,758	29,652,570	\$/kVA/Day	\$	0.0634	\$	1,879,973
Load Group 2	CYD/CMLLoad Group 2CPD TOTAL	CC2-L2-CPD	9,374	\$/kW/Year	\$	152.30	\$	1,427,686	3,421,571	\$/kW/Day	\$	0.4018	\$	1,374,787
Load Group 3	CYD/CMLLoad Group 3TOTAL	CC3-L3-F	66	\$/Year	\$	548.00	\$	36,122	24,060	\$/Day	\$	1.4800	\$	35,608
Load Group 3	CYD/CMLLoad Group 3CAPACITY TOTAL	CC3-L3-CKVA	12,257	\$/kVA/Year	\$	28.94	\$	354,703	4,473,623	\$/kVA/Day	\$	0.0779	\$	348,495
Load Group 3	CYD/CMLLoad Group 3KVA KM	CC3-L3-DIS	423,931	\$/kVA-km/Year	\$	0.37	\$	156,854	154,734,815	\$/kVA-km/Day	\$	0.0010	\$	154,735
Load Group 3	CYD/CMLLoad Group 3CPD TOTAL	CC3-L3-CPD	1,905	\$/kW/Year	\$	171.00	\$	325,670	695,143	\$/kW/Day	\$	0.4465	\$	310,381
Load Group 3A	CYD/CMLLoad Group 3ATOTAL	CC3A-L3A-F	38	\$/Year	\$	548.00	\$	20,961	13,961	\$/Day	\$	1.4800	\$	20,663
Load Group 3A	CYD/CMLLoad Group 3ACAPACITY TOTAL	CC3A-L3A-CKVA	11,273	\$/kVA/Year	\$	25.65	\$	289,144	4,114,523	\$/kVA/Day	\$	0.0691	\$	284,314
Load Group 3A	CYD/CMLLoad Group 3AKVA KM	CC3A-L3A-DIS	327,786	\$/kVA-km/Year	\$	0.37	\$	121,281	119,641,708	\$/kVA-km/Day	\$	0.0010	\$	119,642
Load Group 3A	CYD/CMLLoad Group 3ACPD TOTAL	CC3A-L3A-CPD	1,798	\$/kW/Year	\$	171.00	\$	307,472	656,300	\$/kW/Day	\$	0.4465	\$	293,038
Load Group 4	CYD/CMLLoad Group 4TOTAL	CC4-L4-F	20	\$/Year	\$	1,439.00	\$	28,420	7,209	\$/Day	\$	3.8800	\$	27,970
Load Group 4	CYD/CMLLoad Group 4CAPACITY TOTAL	CC4-L4-CKVA	13,625	\$/kVA/Year	\$	20.50	\$	279,321	4,973,277	\$/kVA/Day	\$	0.0563	\$	279,995
Load Group 4	CYD/CMLLoad Group 4KVA KM	CC4-L4-DIS	578,110	\$/kVA-km/Year	\$	0.37	\$	213,901	211,010,059	\$/kVA-km/Day	\$	0.0010	\$	211,010
Load Group 4	CYD/CMLLoad Group 4CPD TOTAL	CC4-L4-CPD	2,884	\$/kW/Year	\$	148.00	\$	426,832	1,052,660	\$/kW/Day	\$	0.3986	\$	419,590
Load Group 5	CYD/CMLLoad Group 5TOTAL	CC5-L5-F	-	\$/Year	\$	1,439.00	\$	-	-	\$/Day	\$	3.8800	\$	-
Load Group 5	CYD/CMLLoad Group 5CAPACITY TOTAL	CC5-L5-CKVA	-	\$/kVA/Year	\$	18.45	\$	-	-	\$/kVA/Day	\$	0.0497	\$	-
Load Group 5	CYD/CMLLoad Group 5KVA KM	CC5-L5-DIS	-	\$/kVA-km/Year	\$	0.37	\$	-	-	\$/kVA-km/Day	\$	0.0010	\$	-
Load Group 5	CYD/CMLLoad Group 5CPD TOTAL	CC5-L5-CPD	-	\$/kW/Year	\$	137.60	\$	-	-	\$/kW/Day	\$	0.3986	\$	-
Other Charges	CYD/CMLLoad Group OTHER TOTAL	OC-CEN	15,272	\$	\$	1.00	\$	15,272	15,272	\$	\$	1.0000	\$	15,272
Transformer Charges	CYD/CMLLoad Group TRANS TOTAL	TC-CEN	165,025	\$	\$	1.00	\$	165,025	165,025	\$	\$	1.0000	\$	165,025
SUM							\$	7,694,277					\$	7,434,947
Table I: Clyde/Cromwell Street Lighting prices			Distribution prices											
Load Group	Description	Code	t-1 period					t period						
			Q _i ,2015	Units	DP _i ,2016	DP _i ,2016	Q _i ,2015	Q _i ,2015	Units	DP _i ,2017	DP _i ,2017	Q _i ,2015		
Street Lighting kWh CYD/CML	Street Lighting - Volumetric Price	110	1,760,738	\$/kWh	\$	0.0408	\$	71,838	1,760,738	\$/kWh	\$	0.0385	\$	67,788
Street Lighting Lamps CYD/CML	Street Lighting - Daily Fixed Price	CCSIL	3,836	\$/Year	\$	13.56	\$	52,020	1,400,231	\$/Day	\$	0.0392	\$	52,089
SUM							\$	123,858					\$	119,877
Table J: Clyde/Cromwell Non standard prices			Distribution prices											
Load Group	Description	Code	t-1 period					t period						
			Q _i ,2015	Units	DP _i ,2016	DP _i ,2016	Q _i ,2015	Q _i ,2015	Units	DP _i ,2017	DP _i ,2017	Q _i ,2015		
Non standard	Generation	ICP AAB	1	\$/Year	\$	393,745	\$	393,745	1	\$/Year	\$	399,738	\$	399,738
Non standard	Generation	ICP AAC	1	\$/Year	\$	25,764	\$	25,764	1	\$/Year	\$	25,871	\$	25,871
SUM							\$	419,509					\$	425,609

Table 16 - Notional revenues by tariff - Clyde/Cromwell pricing area

Table K: Frankton Residential fixed prices			Distribution prices							
Load Group	Description	Code	t-1 period				t period			
			Q _{1,2015}	Units	DP _{1,2016}	DP _{1,2016} Q _{1,2015}	Q _{1,2015}	Units	DP _{1,2017}	DP _{1,2017} Q _{1,2015}
Residential 15	FKNResidential 15TOTAL	FRSD15	8,381	\$/Year	\$ 54.73	\$ 458,492	3,059,045	\$/Day	\$ 0.1500	\$ 458,860
Residential 8	FKNResidential 8TOTAL	FRSD8	83	\$/Year	\$ 15.00	\$ 1,249	30,386	\$/Day	\$ 0.0410	\$ 1,244
SUM						\$ 459,941				\$ 460,106

Table L: Frankton variable prices			Distribution prices							
Load Group	Description	Code	t-1 period				t period			
			Q _{1,2015}	Units	DP _{1,2016}	DP _{1,2016} Q _{1,2015}	Q _{1,2015}	Units	DP _{1,2017}	DP _{1,2017} Q _{1,2015}
Residential FKN	Uncontrolled - Summer	201S	22,462,828	\$/kWh	\$ 0.0704	\$ 1,581,383	22,462,828	\$/kWh	\$ 0.0670	\$ 1,505,009
Residential FKN	Uncontrolled - Winter	201W	30,340,727	\$/kWh	\$ 0.0866	\$ 2,627,507	30,340,727	\$/kWh	\$ 0.0798	\$ 2,421,190
Residential FKN	Night Boost (13hr)	203	1,203,107	\$/kWh	\$ 0.0266	\$ 32,003	1,203,107	\$/kWh	\$ 0.0249	\$ 29,957
Residential FKN	Night Boost (11hr)	204	1,196,255	\$/kWh	\$ 0.0163	\$ 19,499	1,196,255	\$/kWh	\$ 0.0152	\$ 18,183
Residential FKN	Controlled (16hr)	206	19,676,290	\$/kWh	\$ 0.0182	\$ 358,108	19,676,290	\$/kWh	\$ 0.0170	\$ 334,497
Residential FKN	Night Only	208	955,223	\$/kWh	\$ 0.0117	\$ 11,176	955,223	\$/kWh	\$ 0.0109	\$ 10,412
Residential FKN	Controlled (20hr)	209	320,748	\$/kWh	\$ 0.0407	\$ 13,054	320,748	\$/kWh	\$ 0.0381	\$ 12,220
SUM						\$ 4,642,731				\$ 4,331,469

Table M: Frankton General fixed prices			Distribution prices							
Load Group	Description	Code	t-1 period				t period			
			Q _{1,2015}	Units	DP _{1,2016}	DP _{1,2016} Q _{1,2015}	Q _{1,2015}	Units	DP _{1,2017}	DP _{1,2017} Q _{1,2015}
Load Group 0	FKNLoad Group 0TOTAL	FR0-L0-F	83	\$/Year	\$ 127.40	\$ 10,606	30,386	\$/Day	\$ 0.3337	\$ 10,140
Load Group 0A	FKNLoad Group 0ATOTAL	FR0A-L0A-F	138	\$/Year	\$ 230.82	\$ 31,949	50,522	\$/Day	\$ 0.4046	\$ 30,544
Load Group 1A	FKNLoad Group 1ATOTAL	FR1A-L1A-F	134	\$/Year	\$ 11.99	\$ 1,611	49,032	\$/Day	\$ 0.0314	\$ 1,540
Load Group 1A	FKNLoad Group 1ACAPACITYTOTAL	FR1A-L1A-CKVA	1,074	\$/kVA/Year	\$ 17.29	\$ 18,575	392,132	\$/kVA/Day	\$ 0.0420	\$ 16,470
Load Group 1A	FKNLoad Group 1ACPD TOTAL	FR1A-L1A-CPD	141	\$/kW/Year	\$ 81.39	\$ 11,435	51,283	\$/kW/Day	\$ 0.1976	\$ 10,133
Load Group 1	FKNLoad Group 1TOTAL	FR1-L1-F	836	\$/Year	\$ 11.99	\$ 10,025	305,170	\$/Day	\$ 0.0314	\$ 9,582
Load Group 1	FKNLoad Group 1CAPACITYTOTAL	FR1-L1-CKVA	12,550	\$/kVA/Year	\$ 16.20	\$ 203,311	4,580,780	\$/kVA/Day	\$ 0.0393	\$ 180,025
Load Group 1	FKNLoad Group 1CPD TOTAL	FR1-L1-CPD	2,444	\$/kW/Year	\$ 81.39	\$ 198,883	891,908	\$/kW/Day	\$ 0.1976	\$ 176,241
Load Group 2	FKNLoad Group 2TOTAL	FR2-L2-F	1,239	\$/Year	\$ 19.49	\$ 24,140	452,083	\$/Day	\$ 0.0510	\$ 23,056
Load Group 2	FKNLoad Group 2CAPACITYTOTAL	FR2-L2-CKVA	58,983	\$/kVA/Year	\$ 18.82	\$ 1,110,046	21,528,917	\$/kVA/Day	\$ 0.0493	\$ 1,061,376
Load Group 2	FKNLoad Group 2CPD TOTAL	FR2-L2-CPD	9,858	\$/kW/Year	\$ 94.50	\$ 931,413	3,598,292	\$/kW/Day	\$ 0.2444	\$ 879,422
Load Group 3	FKNLoad Group 3TOTAL	FR3-L3-F	23	\$/Year	\$ 442.00	\$ 9,982	8,243	\$/Day	\$ 1.1600	\$ 9,562
Load Group 3	FKNLoad Group 3CAPACITYTOTAL	FR3-L3-CKVA	4,275	\$/kVA/Year	\$ 37.20	\$ 159,027	1,540,345	\$/kVA/Day	\$ 0.1158	\$ 180,688
Load Group 3	FKNLoad Group 3KVA KM	FR3-L3-DIS	63,539	\$/ (kVA-km)/Year	\$ 0.35	\$ 22,239	23,191,826	\$/ (kVA-km)/Day	\$ 0.0009	\$ 20,873
Load Group 3	FKNLoad Group 3CPD TOTAL	FR3-L3-CPD	964	\$/kW/Year	\$ 59.90	\$ 57,724	351,738	\$/kW/Day	\$ 0.1569	\$ 55,188
Load Group 3A	FKNLoad Group 3ATOTAL	FR3A-L3A-F	24	\$/Year	\$ 442.00	\$ 10,645	8,790	\$/Day	\$ 1.1600	\$ 10,197
Load Group 3A	FKNLoad Group 3ACAPACITYTOTAL	FR3A-L3A-CKVA	7,449	\$/kVA/Year	\$ 34.07	\$ 253,770	2,718,703	\$/kVA/Day	\$ 0.1060	\$ 288,182
Load Group 3A	FKNLoad Group 3AKVA KM	FR3A-L3A-DIS	106,609	\$/ (kVA-km)/Year	\$ 0.35	\$ 37,313	38,912,133	\$/ (kVA-km)/Day	\$ 0.0009	\$ 35,021
Load Group 3A	FKNLoad Group 3ACPD TOTAL	FR3A-L3A-CPD	2,026	\$/kW/Year	\$ 59.90	\$ 121,357	739,490	\$/kW/Day	\$ 0.1569	\$ 116,026
Load Group 4	FKNLoad Group 4TOTAL	FR4-L4-F	16	\$/Year	\$ 1,165.00	\$ 18,640	5,840	\$/Day	\$ 3.0500	\$ 17,812
Load Group 4	FKNLoad Group 4CAPACITYTOTAL	FR4-L4-CKVA	10,750	\$/kVA/Year	\$ 22.02	\$ 236,715	3,923,750	\$/kVA/Day	\$ 0.0577	\$ 226,400
Load Group 4	FKNLoad Group 4KVA KM	FR4-L4-DIS	126,395	\$/ (kVA-km)/Year	\$ 0.35	\$ 44,238	46,134,175	\$/ (kVA-km)/Day	\$ 0.0009	\$ 41,521
Load Group 4	FKNLoad Group 4CPD TOTAL	FR4-L4-CPD	4,243	\$/kW/Year	\$ 61.69	\$ 261,730	1,548,573	\$/kW/Day	\$ 0.1810	\$ 280,292
Load Group 5	FKNLoad Group 5TOTAL	FR5-L5-F	-	\$/Year	\$ 1,165.00	\$ -	-	\$/Day	\$ 3.0500	\$ -
Load Group 5	FKNLoad Group 5CAPACITYTOTAL	FR5-L5-CKVA	-	\$/kVA/Year	\$ 1.43	\$ -	-	\$/kVA/Day	\$ 0.0137	\$ -
Load Group 5	FKNLoad Group 5KVA KM	FR5-L5-DIS	-	\$/ (kVA-km)/Year	\$ 0.35	\$ -	-	\$/ (kVA-km)/Day	\$ 0.0009	\$ -
Load Group 5	FKNLoad Group 5CPD TOTAL	FR5-L5-CPD	-	\$/kW/Year	\$ 42.42	\$ -	-	\$/kW/Day	\$ 0.1245	\$ -
SUM						\$ 3,785,595				\$ 3,680,292

Table N: Frankton Street Lighting prices			Distribution prices							
Load Group	Description	Code	t-1 period				t period			
			Q _{1,2015}	Units	DP _{1,2016}	DP _{1,2016} Q _{1,2015}	Q _{1,2015}	Units	DP _{1,2017}	DP _{1,2017} Q _{1,2015}
Street Lighting kWh FKN	Street Lighting - Volumetric Price	210	1,104,378	\$/kWh	\$ 0.0130	\$ 14,357	1,104,378	\$/kWh	\$ 0.0122	\$ 13,473
Street Lighting Lamps FKN	Street Lighting - Daily Fixed Price	FRSTL	2,596	\$/Year	\$ 13.56	\$ 35,207	947,692	\$/Day	\$ 0.0372	\$ 35,254
SUM						\$ 49,564				\$ 48,728

Table O: Frankton Non standard prices			Distribution prices							
Load Group	Description	Code	t-1 period				t period			
			Q _{1,2015}	Units	DP _{1,2016}	DP _{1,2016} Q _{1,2015}	Q _{1,2015}	Units	DP _{1,2017}	DP _{1,2017} Q _{1,2015}
Non standard	Generation	ICP AAE	1	\$/Year	\$ 37,713	\$ 37,713	1	\$/Year	\$ 33,520	\$ 33,520
Non standard	Non-Standard	ICP AAF	1	\$/Year	\$ 83,176	\$ 83,176	1	\$/Year	\$ 83,359	\$ 83,359
SUM						\$ 120,889				\$ 117,079

Table 17 - Notional revenues by tariff - Frankton pricing area

Table P: Frankton Sub Area Residential fixed prices			Distribution prices							
Load Group	Description	Code	t-1 period				t period			
			Q _{i,2015}	Units	DP _{i,2016}	DP _{i,2016} Q _{i,2015}	Q _{i,2015}	Units	DP _{i,2017}	DP _{i,2017} Q _{i,2015}
Residential 15	FKN SUBResidential 15TOTAL	FKSD15	1,203	\$/Year	\$ 54.73	\$ 65,854	439,186	\$/Day	\$ 0.1500	\$ 65,878
Residential 8	FKN SUBResidential 8TOTAL	FKSD8	1	\$/Year	\$ 15.00	\$ 15	365	\$/Day	\$ 0.0410	\$ 15
SUM						\$ 65,869				\$ 65,893

Table Q: Frankton Sub Area variable prices			Distribution prices							
Load Group	Description	Code	t-1 period				t period			
			Q _{i,2015}	Units	DP _{i,2016}	DP _{i,2016} Q _{i,2015}	Q _{i,2015}	Units	DP _{i,2017}	DP _{i,2017} Q _{i,2015}
Residential FKN Sub	Uncontrolled - Summer	301S	2,901,030	\$/kWh	\$ 0.0704	\$ 204,233	2,901,030	\$/kWh	\$ 0.0670	\$ 194,369
Residential FKN Sub	Uncontrolled - Winter	301W	3,774,707	\$/kWh	\$ 0.0866	\$ 326,890	3,774,707	\$/kWh	\$ 0.0798	\$ 301,222
Residential FKN Sub	Night Boost (13hr)	303	887,705	\$/kWh	\$ 0.0266	\$ 23,613	887,705	\$/kWh	\$ 0.0249	\$ 22,104
Residential FKN Sub	Night Boost (11hr)	304	147,603	\$/kWh	\$ 0.0163	\$ 2,406	147,603	\$/kWh	\$ 0.0152	\$ 2,244
Residential FKN Sub	Controlled (16hr)	306	2,444,180	\$/kWh	\$ 0.0182	\$ 44,484	2,444,180	\$/kWh	\$ 0.0170	\$ 41,551
Residential FKN Sub	Night Only	308	106,893	\$/kWh	\$ 0.0117	\$ 1,251	106,893	\$/kWh	\$ 0.0109	\$ 1,165
Residential FKN Sub	Controlled (20hr)	309	86,728	\$/kWh	\$ 0.0407	\$ 3,530	86,728	\$/kWh	\$ 0.0381	\$ 3,304
SUM						\$ 606,406				\$ 565,959

Table R: Frankton Sub Area General fixed prices			Distribution prices							
Load Group	Description	Code	t-1 period				t period			
			Q _{i,2015}	Units	DP _{i,2016}	DP _{i,2016} Q _{i,2015}	Q _{i,2015}	Units	DP _{i,2017}	DP _{i,2017} Q _{i,2015}
Load Group 0	FKN SUBLoad Group 0TOTAL	FK0-L0-F	12	\$/Year	\$ 127.40	\$ 1,529	4,380	\$/Day	\$ 0.3337	\$ 1,462
Load Group 0A	FKN SUBLoad Group 0ATOTAL	FK0A-L0A-F	3	\$/Year	\$ 230.82	\$ 577	913	\$/Day	\$ 0.6046	\$ 552
Load Group 1	FKN SUBLoad Group 1ATOTAL	FK1A-L1A-F	12	\$/Year	\$ 11.99	\$ 141	4,289	\$/Day	\$ 0.0314	\$ 135
Load Group 1	FKN SUBLoad Group 1ACAPACITY TOTAL	FK1A-L1A-CKVA	94	\$/kVA/Year	\$ 17.29	\$ 1,624	34,280	\$/kVA/Day	\$ 0.0420	\$ 1,440
Load Group 1	FKN SUBLoad Group 1ACPD TOTAL	FK1A-L1A-CPD	11	\$/kW/Year	\$ 81.39	\$ 895	4,015	\$/kW/Day	\$ 0.1976	\$ 793
Load Group 1A	FKN SUBLoad Group 1TOTAL	FK1-L1-F	118	\$/Year	\$ 11.99	\$ 1,414	43,040	\$/Day	\$ 0.0314	\$ 1,351
Load Group 1A	FKN SUBLoad Group 1CAPACITY TOTAL	FK1-L1-CKVA	1,768	\$/kVA/Year	\$ 16.20	\$ 28,644	645,381	\$/kVA/Day	\$ 0.0393	\$ 25,363
Load Group 1A	FKN SUBLoad Group 1CPD TOTAL	FK1-L1-CPD	350	\$/kW/Year	\$ 81.39	\$ 28,480	127,720	\$/kW/Day	\$ 0.1976	\$ 25,237
Load Group 2	FKN SUBLoad Group 2TOTAL	FK2-L2-F	148	\$/Year	\$ 17.54	\$ 2,589	53,868	\$/Day	\$ 0.0459	\$ 2,473
Load Group 2	FKN SUBLoad Group 2CAPACITY TOTAL	FK2-L2-CKVA	7,249	\$/kVA/Year	\$ 16.93	\$ 122,717	2,645,703	\$/kVA/Day	\$ 0.0444	\$ 117,469
Load Group 2	FKN SUBLoad Group 2CPD TOTAL	FK2-L2-CPD	1,134	\$/kW/Year	\$ 85.05	\$ 96,440	413,880	\$/kW/Day	\$ 0.2200	\$ 91,054
Load Group 3	FKN SUBLoad Group 3TOTAL	FK3-L3-F	8	\$/Year	\$ 365.00	\$ 2,829	2,829	\$/Day	\$ 0.9600	\$ 2,716
Load Group 3	FKN SUBLoad Group 3CAPACITY TOTAL	FK3-L3-CKVA	1,507	\$/kVA/Year	\$ 30.69	\$ 46,237	549,903	\$/kVA/Day	\$ 0.0955	\$ 52,516
Load Group 3	FKN SUBLoad Group 3KVA KM	FK3-L3-DIS	3,308	\$/ (kVA-km)/Year	\$ 0.35	\$ 1,158	1,207,420	\$/ (kVA-km)/Day	\$ 0.0009	\$ 1,087
Load Group 3	FKN SUBLoad Group 3CPD TOTAL	FK3-L3-CPD	445	\$/kW/Year	\$ 49.42	\$ 22,008	162,547	\$/kW/Day	\$ 0.1294	\$ 21,034
Load Group 3A	FKN SUBLoad Group 3ATOTAL	FK3A-L3A-F	7	\$/Year	\$ 365.00	\$ 2,555	2,555	\$/Day	\$ 0.9600	\$ 2,453
Load Group 3A	FKN SUBLoad Group 3ACAPACITY TOTAL	FK3A-L3A-CKVA	2,326	\$/kVA/Year	\$ 28.11	\$ 65,384	848,990	\$/kVA/Day	\$ 0.0875	\$ 74,287
Load Group 3A	FKN SUBLoad Group 3AKVA KM	FK3A-L3A-DIS	8,368	\$/ (kVA-km)/Year	\$ 0.35	\$ 2,929	3,054,381	\$/ (kVA-km)/Day	\$ 0.0009	\$ 2,749
Load Group 3A	FKN SUBLoad Group 3ACPD TOTAL	FK3A-L3A-CPD	700	\$/kW/Year	\$ 49.42	\$ 34,578	255,378	\$/kW/Day	\$ 0.1294	\$ 33,046
Load Group 4	FKN SUBLoad Group 4TOTAL	FK4-L4-F	5	\$/Year	\$ 903.00	\$ 4,515	1,825	\$/Day	\$ 2.3600	\$ 4,307
Load Group 4	FKN SUBLoad Group 4CAPACITY TOTAL	FK4-L4-CKVA	2,749	\$/kVA/Year	\$ 17.06	\$ 46,893	1,003,276	\$/kVA/Day	\$ 0.0447	\$ 44,846
Load Group 4	FKN SUBLoad Group 4KVA KM	FK4-L4-DIS	7,983	\$/ (kVA-km)/Year	\$ 0.35	\$ 2,794	2,913,613	\$/ (kVA-km)/Day	\$ 0.0009	\$ 2,622
Load Group 4	FKN SUBLoad Group 4CPD TOTAL	FK4-L4-CPD	1,096	\$/kW/Year	\$ 47.81	\$ 52,400	400,040	\$/kW/Day	\$ 0.1403	\$ 56,126
Load Group 5	FKN SUBLoad Group 5TOTAL	FK5-L5-F	-	\$/Year	\$ 903.00	\$ -	-	\$/Day	\$ 2.3600	\$ -
Load Group 5	FKN SUBLoad Group 5CAPACITY TOTAL	FK5-L5-CKVA	-	\$/kVA/Year	\$ 1.11	\$ -	-	\$/kVA/Day	\$ 0.0106	\$ -
Load Group 5	FKN SUBLoad Group 5KVA KM	FK5-L5-DIS	-	\$/ (kVA-km)/Year	\$ 0.35	\$ -	-	\$/ (kVA-km)/Day	\$ 0.0009	\$ -
Load Group 5	FKN SUBLoad Group 5CPD TOTAL	FK5-L5-CPD	-	\$/kW/Year	\$ 32.88	\$ -	-	\$/kW/Day	\$ 0.0965	\$ -
SUM						\$ 569,328				\$ 565,116

Table S: Frankton Sub Area Non standard prices			Distribution prices							
Load Group	Description	Code	t-1 period				t period			
			Q _{i,2015}	Units	DP _{i,2016}	DP _{i,2016} Q _{i,2015}	Q _{i,2015}	Units	DP _{i,2017}	DP _{i,2017} Q _{i,2015}
Non standard	Non-Standard	ICP AAG	1	\$/Year	\$ 71.162	\$ 71.162	1	\$/Year	\$ 71.490	\$ 71.490
SUM						\$ 71,162				\$ 71,490

Table 18 - Notional revenues by tariff - Frankton pricing sub-area

Table T: Heritage Residential fixed prices			Distribution prices											
Load Group	Description	Code	t-1 period					t period						
			Q _{i,2015}	Units	DP _{i,2016}	DP _{i,2016}	Q _{i,2015}	Q _{i,2015}	Units	DP _{i,2017}	DP _{i,2017}	Q _{i,2015}		
Residential 15	HERITAGEResidential 15TOTAL	HESD15	87	\$/Year	\$	54.73	\$	4.771	31,816	\$/Day	\$	0.1500	\$	4.772
Residential 8	HERITAGEResidential 8TOTAL	HESD8	2	\$/Year	\$	15.00	\$	30	730	\$/Day	\$	0.0410	\$	30
SUM							\$	4,801					\$	4,802

Table U: Heritage variable prices			Distribution prices											
Load Group	Description	Code	t-1 period					t period						
			Q _{i,2015}	Units	DP _{i,2016}	DP _{i,2016}	Q _{i,2015}	Q _{i,2015}	Units	DP _{i,2017}	DP _{i,2017}	Q _{i,2015}		
Residential Heritage	Uncontrolled - Summer	401S	211,310	\$/kWh	\$	0.0790	\$	16,693	211,310	\$/kWh	\$	0.1035	\$	21,871
Residential Heritage	Uncontrolled - Winter	401W	205,918	\$/kWh	\$	0.0969	\$	19,953	205,918	\$/kWh	\$	0.1557	\$	32,061
Residential Heritage	Night Boost	404	4,426	\$/kWh	\$	0.0286	\$	127	4,426	\$/kWh	\$	0.0429	\$	190
Residential Heritage	Controlled	406	98,920	\$/kWh	\$	0.0312	\$	3,086	98,920	\$/kWh	\$	0.0484	\$	4,788
Residential Heritage	Night Only	408	5,239	\$/kWh	\$	0.0285	\$	149	5,239	\$/kWh	\$	0.0286	\$	150
SUM							\$	40,009					\$	59,059

Table V: Heritage General fixed prices			Distribution prices											
Load Group	Description	Code	t-1 period					t period						
			Q _{i,2015}	Units	DP _{i,2016}	DP _{i,2016}	Q _{i,2015}	Q _{i,2015}	Units	DP _{i,2017}	DP _{i,2017}	Q _{i,2015}		
Load Group 0	HERITAGELoad Group 0TOTAL	HE0-L0-F	-	\$/Year	\$	149.35	\$	-	-	\$/Day	\$	0.5896	\$	-
Load Group 0A	HERITAGELoad Group 0ATOTAL	HE0A-L0A-F	3	\$/Year	\$	279.08	\$	744	973	\$/Day	\$	1.2176	\$	1,185
Load Group 1	HERITAGELoad Group 1ATOTAL	HE1A-L1A-F	1	\$/Year	\$	10.72	\$	11	365	\$/Day	\$	0.0295	\$	11
Load Group 1	HERITAGELoad Group 1ACAPACITYTOTAL	HE1A-L1A-CKVA	8	\$/kVA/Year	\$	25.41	\$	203	2,920	\$/kVA/Day	\$	0.0742	\$	217
Load Group 1	HERITAGELoad Group 1ACPD TOTAL	HE1A-L1A-CPD	1	\$/kW/Year	\$	135.94	\$	125	335	\$/kW/Day	\$	0.6460	\$	216
Load Group 1A	HERITAGELoad Group 1TOTAL	HE1-L1-F	-	\$/Year	\$	10.72	\$	-	-	\$/Day	\$	0.0295	\$	-
Load Group 1A	HERITAGELoad Group 1CAPACITYTOTAL	HE1-L1-CKVA	-	\$/kVA/Year	\$	23.81	\$	-	-	\$/kVA/Day	\$	0.0663	\$	-
Load Group 1A	HERITAGELoad Group 1CPD TOTAL	HE1-L1-CPD	-	\$/kW/Year	\$	135.94	\$	-	-	\$/kW/Day	\$	0.6460	\$	-
Load Group 2	HERITAGELoad Group 2TOTAL	HE2-L2-F	1	\$/Year	\$	22.51	\$	28	456	\$/Day	\$	0.0620	\$	28
Load Group 2	HERITAGELoad Group 2CAPACITYTOTAL	HE2-L2-CKVA	35	\$/kVA/Year	\$	22.43	\$	793	12,897	\$/kVA/Day	\$	0.0622	\$	802
Load Group 2	HERITAGELoad Group 2CPD TOTAL	HE2-L2-CPD	2	\$/kW/Year	\$	135.31	\$	282	760	\$/kW/Day	\$	0.6242	\$	475
SUM							\$	2,185					\$	2,934

Table W: Heritage Street Lighting prices			Distribution prices											
Load Group	Description	Code	t-1 period					t period						
			Q _{i,2015}	Units	DP _{i,2016}	DP _{i,2016}	Q _{i,2015}	Q _{i,2015}	Units	DP _{i,2017}	DP _{i,2017}	Q _{i,2015}		
Street Lighting kWh	Street Lighting - Volumetric Price	410	27,039	\$/kWh	\$	0.0467	\$	1,263	27,039	\$/kWh	\$	0.0671	\$	1,814
Street Lighting Lamps	Street Lighting - Daily Fixed Price	HESIL	81	\$/Year	\$	13.56	\$	1,098	29,565	\$/Day	\$	0.0372	\$	1,100
SUM							\$	2,361					\$	2,914

Table 19 - Notional revenues by tariff - Heritage Estate pricing area

APPENDIX E Price and Quantity Schedules – Pass-through

Area	Description	Pass-through Notional Revenue	Pass-through Notional Revenue	Pass-through Notional Revenue	Reference table
		Reported Quantities	Projected Quantities (when prices were determined)	Variance	
		PTP _{1,2017} Q _{1,2017}	PTP _{1,2017} Q _{1,2017}	PTP _{1,2017} Q _{1,2017}	
Dunedin	Residential fixed prices	\$ -	\$ -	\$ -	X
	Variable prices	\$ 11,903,712	\$ 12,279,959	\$ 376,247	Y
	General fixed prices	\$ 9,179,898	\$ 9,334,575	-\$ 154,677	Z
	Street lighting prices	\$ 149,201	\$ 149,610	-\$ 409	AA
	Non-standard prices	\$ -	\$ -	\$ -	AB
	Sub-total	\$ 21,232,811	\$ 21,764,144	-\$ 531,332	
Clyde/Cromwell	Residential fixed prices	\$ -	\$ -	\$ -	AC
	Variable prices	\$ 2,987,540	\$ 2,980,199	\$ 7,340	AD
	General fixed prices	\$ 2,085,562	\$ 2,113,631	-\$ 28,069	AE
	Street lighting prices	\$ 27,685	\$ 28,831	-\$ 1,146	AF
	Non-standard prices	\$ -	\$ -	\$ -	AG
	Sub-total	\$ 5,100,787	\$ 5,122,661	-\$ 21,875	
Frankton	Residential fixed prices	\$ -	\$ -	\$ -	AH
	Variable prices	\$ 3,370,460	\$ 3,203,085	\$ 167,375	AI
	General fixed prices	\$ 2,748,080	\$ 2,783,519	-\$ 35,440	AJ
	Street lighting prices	\$ 28,568	\$ 29,294	-\$ 726	AK
	Non-standard prices	\$ 135,052	\$ 135,052	\$ -	AL
	Sub-total	\$ 6,282,160	\$ 6,150,951	\$ 131,209	
Frankton Sub Area	Residential fixed prices	\$ -	\$ -	\$ -	AM
	Variable prices	\$ 422,641	\$ 418,675	\$ 3,965	AN
	General fixed prices	\$ 571,409	\$ 476,238	\$ 95,171	AO
	Non-standard prices	\$ 63,757	\$ 63,757	\$ -	AP
	Sub-total	\$ 1,057,807	\$ 958,671	\$ 99,136	
Heritage	Residential fixed prices	\$ -	\$ -	\$ -	AQ
	Variable prices	\$ -	\$ -	\$ -	AR
	General fixed prices	\$ -	\$ -	\$ -	AS
	Street lighting prices	\$ -	\$ -	\$ -	AT
	Sub-total	\$ -	\$ -	\$ -	
All	Total	\$ 33,673,566	\$ 33,996,427	-\$ 322,861	

Table 20 - Summary of pass-through revenues

Table X: Dunedin Residential fixed prices				Pass-through prices (1 period)									
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance	
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}	
Residential 15	HWB/SDNResidential 15TOTAL	SHSD15	\$/Day	17,216,269	\$	-	\$	-	17,566,225	\$	-	\$	-
Residential 8	HWB/SDNResidential 8TOTAL	SHSD8	\$/Day	199,993	\$	-	\$	-	206,460	\$	-	\$	-
SUM							\$	-			\$	-	\$

Table Y: Dunedin variable prices				Pass-through prices (1 period)									
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance	
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}	
Residential DN	Uncontrolled - Summer	O10S	\$/kWh	11,133,024	\$	0.0250	\$	278,326	10,667,282	\$	0.0250	\$	266,682
Residential DN	Uncontrolled - Winter	O10W	\$/kWh	13,026,137	\$	0.0616	\$	802,410	11,468,246	\$	0.0616	\$	706,444
Residential DN	All Inclusive - Summer Day	O11S	\$/kWh	1,158,983	\$	0.0246	\$	28,511	943,854	\$	0.0246	\$	23,219
Residential DN	All Inclusive - Winter Day	O11W	\$/kWh	1,266,598	\$	0.0638	\$	80,809	1,382,690	\$	0.0638	\$	88,216
Residential DN	All Inclusive - Night	O12	\$/kWh	1,457,198	\$	-	\$	-	1,398,461	\$	-	\$	-
Residential DN	All Inclusive - Summer	O17S	\$/kWh	164,605,545	\$	0.0242	\$	3,983,454	169,833,116	\$	0.0242	\$	4,110,929
Residential DN	All Inclusive - Winter	O17W	\$/kWh	182,514,281	\$	0.0368	\$	6,716,526	192,047,357	\$	0.0368	\$	7,067,343
Residential DN	Night Boost	O24	\$/kWh	1,723,889	\$	0.0079	\$	13,619	2,161,659	\$	0.0079	\$	17,077
Residential DN	Night Only	O28	\$/kWh	3,258,896	\$	-	\$	-	3,763,336	\$	-	\$	-
Unmetered Supply DN	DUML Volumetric Price	O30	\$/kWh	2,773	\$	0.0210	\$	58	2,355	\$	0.0210	\$	49
SUM							\$	11,903,712			\$	12,279,959	\$

Table Z: Dunedin General fixed prices				Pass-through prices (1 period)									
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance	
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}	
Unmetered Supply	HWB/SDNUnmetered Supply	SHSUNM	\$/Day	730	\$	-	\$	-	744	\$	-	\$	-
LO	HWB/SDNLoad Group 0TOTAL	SH0-L0-F	\$/Day	39,758	\$	0.2538	\$	10,091	46,107	\$	0.2538	\$	11,702
LOA	HWB/SDNLoad Group 0ATOTAL	SH0A-L0A-F	\$/Day	45,072	\$	0.5481	\$	24,704	42,365	\$	0.5481	\$	23,220
Load Group 1A	HWB/SDNLoad Group 1ATOTAL	SH1A-L1A-F	\$/Day	145,722	\$	-	\$	-	148,959	\$	-	\$	-
Load Group 1A	HWB/SDNLoad Group 1ACAPACITY TOTAL	SH1A-L1A-CKVA	\$/kVA/Day	1,166,885	\$	0.0291	\$	33,956	1,186,924	\$	0.0291	\$	34,539
Load Group 1A	HWB/SDNLoad Group 1ACPD TOTAL	SH1A-L1A-CPD	\$/kW/Day	135,677	\$	0.3096	\$	42,006	136,431	\$	0.3096	\$	42,239
Load Group 1	HWB/SDNLoad Group 1TOTAL	SH1-L1-F	\$/Day	1,096,742	\$	-	\$	-	1,129,184	\$	-	\$	-
Load Group 1	HWB/SDNLoad Group 1CAPACITY TOTAL	SH1-L1-CKVA	\$/kVA/Day	16,456,406	\$	0.0252	\$	414,701	16,886,579	\$	0.0252	\$	425,542
Load Group 1	HWB/SDNLoad Group 1CPD TOTAL	SH1-L1-CPD	\$/kW/Day	2,219,511	\$	0.3096	\$	811,001	2,689,967	\$	0.3096	\$	832,814
Load Group 2	HWB/SDNLoad Group 2TOTAL	SH2-L2-F	\$/Day	1,114,454	\$	-	\$	-	1,131,871	\$	-	\$	-
Load Group 2	HWB/SDNLoad Group 2CAPACITY TOTAL	SH2-L2-CKVA	\$/kVA/Day	56,405,541	\$	0.0068	\$	383,558	57,038,404	\$	0.0068	\$	387,863
Load Group 2	HWB/SDNLoad Group 2CPD TOTAL	SH2-L2-CPD	\$/kW/Day	8,763,059	\$	0.3096	\$	2,713,043	8,896,496	\$	0.3096	\$	2,754,355
Load Group 3	HWB/SDNLoad Group 3TOTAL	SH3-L3-F	\$/Day	39,178	\$	-	\$	-	39,282	\$	-	\$	-
Load Group 3	HWB/SDNLoad Group 3CAPACITY TOTAL	SH3-L3-CKVA	\$/kVA/Day	7,723,969	\$	0.0160	\$	123,584	7,663,028	\$	0.0160	\$	122,608
Load Group 3	HWB/SDNLoad Group 3KVA KM	SH3-L3-DIS	\$/kVA-km/Day	42,636,768	\$	-	\$	-	42,746,496	\$	-	\$	-
Load Group 3	HWB/SDNLoad Group 3CPD TOTAL	SH3-L3-CPD	\$/kW/Day	2,124,206	\$	0.2789	\$	592,441	2,136,774	\$	0.2789	\$	595,946
Load Group 3A	HWB/SDNLoad Group 3ATOTAL	SH3A-L3A-F	\$/Day	33,033	\$	-	\$	-	32,589	\$	-	\$	-
Load Group 3A	HWB/SDNLoad Group 3ACAPACITY TOTAL	SH3A-L3A-CKVA	\$/kVA/Day	10,253,921	\$	0.0160	\$	164,063	10,122,577	\$	0.0160	\$	161,961
Load Group 3A	HWB/SDNLoad Group 3AKVA KM	SH3A-L3A-DIS	\$/kVA-km/Day	55,832,577	\$	-	\$	-	54,049,301	\$	-	\$	-
Load Group 3A	HWB/SDNLoad Group 3ACPD TOTAL	SH3A-L3A-CPD	\$/kW/Day	3,242,099	\$	0.2789	\$	904,221	3,214,090	\$	0.2789	\$	896,410
Load Group 4	HWB/SDNLoad Group 4TOTAL	SH4-L4-F	\$/Day	26,494	\$	-	\$	-	27,887	\$	-	\$	-
Load Group 4	HWB/SDNLoad Group 4CAPACITY TOTAL	SH4-L4-CKVA	\$/kVA/Day	20,037,037	\$	0.0220	\$	440,815	21,089,050	\$	0.0220	\$	463,959
Load Group 4	HWB/SDNLoad Group 4KVA KM	SH4-L4-DIS	\$/kVA-km/Day	108,793,110	\$	-	\$	-	117,968,012	\$	-	\$	-
Load Group 4	HWB/SDNLoad Group 4CPD TOTAL	SH4-L4-CPD	\$/kW/Day	5,903,134	\$	0.2789	\$	1,646,384	6,047,797	\$	0.2789	\$	1,686,731
Load Group 5	HWB/SDNLoad Group 5TOTAL	SH5-L5-F	\$/Day	2,555	\$	-	\$	-	2,603	\$	-	\$	-
Load Group 5	HWB/SDNLoad Group 5CAPACITY TOTAL	SH5-L5-CKVA	\$/kVA/Day	9,040,997	\$	0.0146	\$	131,999	9,414,093	\$	0.0146	\$	137,446
Load Group 5	HWB/SDNLoad Group 5KVA KM	SH5-L5-DIS	\$/kVA-km/Day	53,901,764	\$	-	\$	-	55,252,199	\$	-	\$	-
Load Group 5	HWB/SDNLoad Group 5CPD TOTAL	SH5-L5-CPD	\$/kW/Day	2,665,230	\$	0.2789	\$	743,333	2,715,095	\$	0.2789	\$	757,240
Other Charges	HWB/SDNLoad Group OTHER TOTAL	OC	\$	9,154	\$	-	\$	-	4,555	\$	-	\$	-
Transformer Charges	HWB/SDNLoad Group TRANS TOTAL	TC	\$	473,375	\$	-	\$	-	462,395	\$	-	\$	-
SUM							\$	9,179,898			\$	9,334,575	\$

Table AA: Dunedin Street Lighting prices				Pass-through prices (1 period)									
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance	
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}	
Street Lighting	Street Lighting	SDNSTL	\$/Day	365	\$	137,6800	\$	50,253	366	\$	137,6800	\$	50,391
Street Lighting	Street Lighting	HWBSTL	\$/Day	365	\$	271,0900	\$	98,948	366	\$	271,0900	\$	99,219
SUM							\$	149,201			\$	149,610	\$

Table AB: Dunedin Non-standard prices				Pass-through prices (1 period)									
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance	
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}	
Non-standard	Generation	ICP AAA	\$/Year	1	\$	-	\$	-	1	\$	-	\$	-
SUM							\$	-			\$	-	\$

Table 21 - Pass-through revenues by tariff - Dunedin pricing area

Table AC: Clyde/Cromwell Residential fixed prices				Pass-through prices (1 period)									
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance	
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}	Q _{1,2017}
Residential 15	HWB/SDNResidential 15TOTAL	CCSD15	\$/Day	5,471,236	\$	-	\$	5,520,576	\$	-	\$	-	\$
Residential 8	HWB/SDNResidential 8TOTAL	CCSD8	\$/Day	26,823	\$	-	\$	26,643	\$	-	\$	-	\$
SUM													

Table AD: Clyde/Cromwell variable prices				Pass-through prices (1 period)									
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance	
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}	Q _{1,2017}
Residential C/D/CML	Uncontrolled - Summer	101S	\$/kWh	34,651,829	\$	0.0210	\$	33,695,326	\$	0.0210	\$	707,602	\$
Residential C/D/CML	Uncontrolled - Winter	101W	\$/kWh	39,133,956	\$	0.0475	\$	39,119,809	\$	0.0475	\$	1,858,191	\$
Residential C/D/CML	Night Boost (13hr)	103	\$/kWh	557,615	\$	0.0214	\$	690,676	\$	0.0214	\$	14,781	\$
Residential C/D/CML	Night Boost (11hr)	104	\$/kWh	2,162,322	\$	0.0113	\$	2,347,081	\$	0.0113	\$	26,522	\$
Residential C/D/CML	Controlled (16hr)	106	\$/kWh	24,005,815	\$	0.0149	\$	24,457,555	\$	0.0149	\$	364,418	\$
Residential C/D/CML	Night Only	108	\$/kWh	1,030,051	\$	-	\$	1,199,210	\$	-	\$	-	\$
Residential C/D/CML	Controlled (20hr)	109	\$/kWh	274,093	\$	0.0253	\$	343,340	\$	0.0253	\$	8,687	\$
SUM							2,987,540				2,980,199		7,340

Table AE: Clyde/Cromwell General fixed prices				Pass-through prices (1 period)									
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance	
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}	Q _{1,2017}
LD	CVD/CMLLoad Group 0TOTAL	CC0-L0-F	\$/Day	43,505	\$	0.1900	\$	47,074	\$	0.1900	\$	8,944	\$
LD	CVD/CMLLoad Group 0ATOTAL	CC0A-L0A-F	\$/Day	120,140	\$	0.4782	\$	95,383	\$	0.4782	\$	45,612	\$
Load Group 1A	CVD/CMLLoad Group 1ATOTAL	CC1A-L1A-F	\$/Day	99,192	\$	-	\$	97,865	\$	-	\$	-	\$
Load Group 1A	CVD/CMLLoad Group 1ACAPACITY TOTAL	CC1A-L1A-CKVA	\$/kVA/Day	794,042	\$	0.0102	\$	809,999	\$	0.0102	\$	8,262	\$
Load Group 1A	CVD/CMLLoad Group 1ACPD TOTAL	CC1A-L1A-CPD	\$/kWh/Day	94,659	\$	0.2897	\$	93,663	\$	0.2897	\$	27,134	\$
Load Group 1	CVD/CMLLoad Group 1TOTAL	CC1-L1-F	\$/Day	615,200	\$	-	\$	640,659	\$	-	\$	-	\$
Load Group 1	CVD/CMLLoad Group 1CAPACITY TOTAL	CC1-L1-CKVA	\$/kVA/Day	9,228,390	\$	0.0067	\$	9,942,230	\$	0.0067	\$	66,613	\$
Load Group 1	CVD/CMLLoad Group 1CPD TOTAL	CC1-L1-CPD	\$/kWh/Day	1,217,925	\$	0.2897	\$	1,262,750	\$	0.2897	\$	365,819	\$
Load Group 2	CVD/CMLLoad Group 2TOTAL	CC2-L2-F	\$/Day	609,759	\$	-	\$	617,547	\$	-	\$	-	\$
Load Group 2	CVD/CMLLoad Group 2CAPACITY TOTAL	CC2-L2-CKVA	\$/kVA/Day	31,544,712	\$	0.0017	\$	32,801,656	\$	0.0017	\$	55,763	\$
Load Group 2	CVD/CMLLoad Group 2CPD TOTAL	CC2-L2-CPD	\$/kWh/Day	3,443,912	\$	0.2540	\$	874,754	\$	0.2540	\$	908,094	\$
Load Group 3	CVD/CMLLoad Group 3TOTAL	CC3-L3-F	\$/Day	28,376	\$	-	\$	26,630	\$	-	\$	-	\$
Load Group 3	CVD/CMLLoad Group 3CAPACITY TOTAL	CC3-L3-CKVA	\$/kVA/Day	5,243,209	\$	0.0027	\$	5,097,532	\$	0.0027	\$	13,763	\$
Load Group 3	CVD/CMLLoad Group 3KVA KM	CC3-L3-DIS	\$/kVA-km/Day	177,297,066	\$	-	\$	170,704,594	\$	-	\$	-	\$
Load Group 3	CVD/CMLLoad Group 3CPD TOTAL	CC3-L3-CPD	\$/kWh/Day	688,820	\$	0.2466	\$	688,539	\$	0.2466	\$	169,300	\$
Load Group 3A	CVD/CMLLoad Group 3ATOTAL	CC3A-L3A-F	\$/Day	17,031	\$	-	\$	16,580	\$	-	\$	-	\$
Load Group 3A	CVD/CMLLoad Group 3ACAPACITY TOTAL	CC3A-L3A-CKVA	\$/kVA/Day	4,972,858	\$	0.0027	\$	4,990,913	\$	0.0027	\$	13,475	\$
Load Group 3A	CVD/CMLLoad Group 3AKVA KM	CC3A-L3A-DIS	\$/kVA-km/Day	150,753,563	\$	-	\$	136,712,134	\$	-	\$	-	\$
Load Group 3A	CVD/CMLLoad Group 3ACPD TOTAL	CC3A-L3A-CPD	\$/kWh/Day	701,261	\$	0.2466	\$	664,654	\$	0.2466	\$	163,904	\$
Load Group 4	CVD/CMLLoad Group 4TOTAL	CC4-L4-F	\$/Day	9,606	\$	-	\$	9,185	\$	-	\$	-	\$
Load Group 4	CVD/CMLLoad Group 4CAPACITY TOTAL	CC4-L4-CKVA	\$/kVA/Day	6,431,990	\$	0.0018	\$	6,434,552	\$	0.0018	\$	11,582	\$
Load Group 4	CVD/CMLLoad Group 4KVA KM	CC4-L4-DIS	\$/kVA-km/Day	257,754,025	\$	-	\$	247,801,555	\$	-	\$	-	\$
Load Group 4	CVD/CMLLoad Group 4CPD TOTAL	CC4-L4-CPD	\$/kWh/Day	1,029,250	\$	0.2466	\$	1,016,451	\$	0.2466	\$	250,657	\$
Load Group 5	CVD/CMLLoad Group 5TOTAL	CC5-L5-F	\$/Day	365	\$	-	\$	383	\$	-	\$	-	\$
Load Group 5	CVD/CMLLoad Group 5CAPACITY TOTAL	CC5-L5-CKVA	\$/kVA/Day	912,500	\$	0.0018	\$	989,931	\$	0.0018	\$	1,782	\$
Load Group 5	CVD/CMLLoad Group 5KVA KM	CC5-L5-DIS	\$/kVA-km/Day	60,133,750	\$	-	\$	65,236,462	\$	-	\$	-	\$
Load Group 5	CVD/CMLLoad Group 5CPD TOTAL	CC5-L5-CPD	\$/kWh/Day	15,695	\$	0.2466	\$	11,864	\$	0.2466	\$	2,926	\$
Other Charges	CVD/CMLLoad Group OTHER TOTAL	OC-CC	\$	11,388	\$	-	\$	12,071	\$	-	\$	-	\$
Transformer Charges	CVD/CMLLoad Group TRANS TOTAL	TC-CC	\$	106,400	\$	-	\$	98,354	\$	-	\$	-	\$
SUM							2,085,562				2,113,631		28,069

Table AF: Clyde/Cromwell Street Lighting prices				Pass-through prices (1 period)									
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance	
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}	Q _{1,2017}
Street Lighting kWh CVD/CML	Street Lighting - Volumetric Price	1110	\$/kWh	1,786,100	\$	0.0155	\$	27,685	\$	0.0155	\$	28,831	\$
Street Lighting Lamps CVD/CML	Street Lighting - Daily Fixed Price	CCSTL	\$/Day	1,431,268	\$	-	\$	1,415,322	\$	-	\$	-	\$
SUM							27,685				28,831		1,146

Table AG: Clyde/Cromwell Non standard prices				Pass-through prices (1 period)									
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance	
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}	Q _{1,2017}
Non standard	Generation	ICP AAB	\$/Year	1	-	-	-	1	-	-	-	\$	-
Non standard	Generation	ICP AAC	\$/Year	1	-	-	-	1	-	-	-	\$	-
SUM													

Table 22 - Pass-through revenues by tariff - Clyde/Cromwell pricing area

Table AH: Frankton Residential fixed prices				Pass-through prices (1 period)									
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance	
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}	
Residential 15	FKNResidential 15TOTAL	FRSD15	\$/Day	3,174,695	\$	-	\$	-	3,245,021	\$	-	\$	-
Residential 8	FKNResidential 8TOTAL	FRSD8	\$/Day	34,976	\$	-	\$	-	32,267	\$	-	\$	-
SUM							\$	-			\$	-	-

Table AI: Frankton variable prices				Pass-through prices (1 period)										
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance		
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}		
Residential FKN	Uncontrolled - Summer	201S	\$/kWh	24,766,306	\$	0.0292	\$	723,176	22,429,424	\$	0.0292	\$	654,939	
Residential FKN	Uncontrolled - Winter	201W	\$/kWh	33,630,335	\$	0.0648	\$	2,179,246	32,089,245	\$	0.0648	\$	2,079,383	
Residential FKN	Night Boost (13hr)	203	\$/kWh	1,461,108	\$	0.0245	\$	35,797	1,854,320	\$	0.0245	\$	45,431	
Residential FKN	Night Boost (11hr)	204	\$/kWh	1,275,468	\$	0.0128	\$	16,326	1,434,466	\$	0.0128	\$	18,361	
Residential FKN	Controlled (1dhr)	206	\$/kWh	20,804,152	\$	0.0196	\$	407,801	20,125,958	\$	0.0196	\$	394,469	
Residential FKN	Night Only	208	\$/kWh	942,145	\$	-	\$	-	989,483	\$	-	\$	-	
Residential FKN	Controlled (20hr)	209	\$/kWh	289,794	\$	0.0280	\$	8,114	375,062	\$	0.0280	\$	10,502	
SUM							\$	3,370,460			\$	3,203,085	\$	167,375

Table AJ: Frankton General fixed prices				Pass-through prices (1 period)										
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance		
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}		
Load Group 0	FKNLoad Group 0TOTAL	FR0-L0-F	\$/Day	30,048	\$	0.2412	\$	7,248	30,558	\$	0.2412	\$	7,371	
Load Group 0A	FKNLoad Group 0ATOTAL	FR0A-L0A-F	\$/Day	65,420	\$	0.5462	\$	35,732	49,506	\$	0.5462	\$	27,040	
Load Group 1A	FKNLoad Group 1ATOTAL	FR1A-L1A-F	\$/Day	52,896	\$	-	\$	-	50,066	\$	-	\$	-	
Load Group 1A	FKNLoad Group 1ACAPACITYTOTAL	FR1A-L1A-CKVA	\$/kVA/Day	423,200	\$	0.0415	\$	17,563	397,724	\$	0.0415	\$	16,506	
Load Group 1A	FKNLoad Group 1ACPD TOTAL	FR1A-L1A-CPD	\$/kW/Day	56,969	\$	0.2938	\$	16,737	53,959	\$	0.2938	\$	15,853	
Load Group 1	FKNLoad Group 1TOTAL	FR1-L1-F	\$/Day	309,822	\$	-	\$	-	314,984	\$	-	\$	-	
Load Group 1	FKNLoad Group 1CAPACITYTOTAL	FR1-L1-CKVA	\$/kVA/Day	4,647,599	\$	0.0395	\$	183,580	4,690,046	\$	0.0395	\$	185,257	
Load Group 1	FKNLoad Group 1CPD TOTAL	FR1-L1-CPD	\$/kW/Day	925,125	\$	0.2938	\$	271,802	950,609	\$	0.2938	\$	279,289	
Load Group 2	FKNLoad Group 2TOTAL	FR2-L2-F	\$/Day	471,774	\$	-	\$	-	480,478	\$	-	\$	-	
Load Group 2	FKNLoad Group 2CAPACITYTOTAL	FR2-L2-CKVA	\$/kVA/Day	22,343,486	\$	0.0158	\$	353,027	22,609,742	\$	0.0158	\$	357,234	
Load Group 2	FKNLoad Group 2CPD TOTAL	FR2-L2-CPD	\$/kW/Day	3,812,303	\$	0.2655	\$	1,012,166	3,887,076	\$	0.2655	\$	1,032,019	
Load Group 3	FKNLoad Group 3TOTAL	FR3-L3-F	\$/Day	8,516	\$	-	\$	-	8,300	\$	-	\$	-	
Load Group 3	FKNLoad Group 3CAPACITYTOTAL	FR3-L3-CKVA	\$/kVA/Day	1,604,231	\$	0.0266	\$	42,673	1,565,907	\$	0.0266	\$	41,653	
Load Group 3	FKNLoad Group 3KVA KM	FR3-L3-DIS	\$/kVA-km/Day	23,274,749	\$	-	\$	-	23,274,400	\$	-	\$	-	
Load Group 3	FKNLoad Group 3CPD TOTAL	FR3-L3-CPD	\$/kW/Day	350,216	\$	0.2163	\$	75,752	354,632	\$	0.2163	\$	76,707	
Load Group 3A	FKNLoad Group 3ATOTAL	FR3A-L3A-F	\$/Day	8,912	\$	-	\$	-	9,431	\$	-	\$	-	
Load Group 3A	FKNLoad Group 3ACAPACITYTOTAL	FR3A-L3A-CKVA	\$/kVA/Day	2,709,845	\$	0.0266	\$	72,082	2,889,060	\$	0.0266	\$	76,849	
Load Group 3A	FKNLoad Group 3AKVA KM	FR3A-L3A-DIS	\$/kVA-km/Day	38,324,418	\$	-	\$	-	40,640,132	\$	-	\$	-	
Load Group 3A	FKNLoad Group 3ACPD TOTAL	FR3A-L3A-CPD	\$/kW/Day	714,847	\$	0.2163	\$	154,621	759,039	\$	0.2163	\$	164,180	
Load Group 4	FKNLoad Group 4TOTAL	FR4-L4-F	\$/Day	6,022	\$	-	\$	-	6,036	\$	-	\$	-	
Load Group 4	FKNLoad Group 4CAPACITYTOTAL	FR4-L4-CKVA	\$/kVA/Day	4,095,737	\$	0.0431	\$	176,526	4,027,152	\$	0.0431	\$	173,570	
Load Group 4	FKNLoad Group 4KVA KM	FR4-L4-DIS	\$/kVA-km/Day	46,428,295	\$	-	\$	-	47,349,941	\$	-	\$	-	
Load Group 4	FKNLoad Group 4CPD TOTAL	FR4-L4-CPD	\$/kW/Day	1,519,049	\$	0.2163	\$	328,570	1,525,624	\$	0.2163	\$	329,992	
Load Group 5	FKNLoad Group 5TOTAL	FR5-L5-F	\$/Day	-	\$	-	\$	-	-	\$	-	\$	-	
Load Group 5	FKNLoad Group 5CAPACITYTOTAL	FR5-L5-CKVA	\$/kVA/Day	-	\$	0.0501	\$	-	-	\$	0.0501	\$	-	
Load Group 5	FKNLoad Group 5KVA KM	FR5-L5-DIS	\$/kVA-km/Day	-	\$	-	\$	-	-	\$	-	\$	-	
Load Group 5	FKNLoad Group 5CPD TOTAL	FR5-L5-CPD	\$/kW/Day	-	\$	0.2163	\$	-	-	\$	0.2163	\$	-	
Other Charges	FKNLoad Group OTHER TOTAL	OC-FR	\$	1,512	\$	-	\$	-	1,523	\$	-	\$	-	
Transformer Charges	FKNLoad Group TRANS TOTAL	TC-FR	\$	94,500	\$	-	\$	-	90,936	\$	-	\$	-	
SUM							\$	2,748,080			\$	2,783,519	\$	35,440

Table AK: Frankton Street Lighting prices				Pass-through prices (1 period)										
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance		
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}		
Street Lighting kWh FKN	Street Lighting - Volumetric Price	210	\$/kWh	1,115,953	\$	0.0256	\$	28,568	1,144,314	\$	0.0256	\$	29,294	
Street Lighting Lamps FKN	Street Lighting - Daily Fixed Price	FRSTL	\$/Day	971,611	\$	-	\$	-	951,966	\$	-	\$	-	
SUM							\$	28,568			\$	29,294	\$	726

Table AL: Frankton Non standard prices				Pass-through prices (1 period)										
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance		
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}		
Non standard	Generation	ICP AAE	\$/Year	1	\$	-	\$	-	1	\$	-	\$	-	
Non standard	Non-Standard	ICP AAF	\$/Year	1	\$	135,052	\$	135,052	1	\$	135,052	\$	135,052	
SUM							\$	135,052			\$	135,052	\$	-

Table 23 - Pass-through revenues by tariff - Frankton pricing area

Table AM: Frankton Sub Area Residential fixed prices				Pass-through prices (1 period)											
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance			
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}			
Residential 15	FKN SUBResidential 15TOTAL	FKSD15	\$/Day	456,870	\$	-	\$	-	439,186	\$	-	\$	-	\$	-
Residential 8	FKN SUBResidential 8TOTAL	FKSD8	\$/Day	700	\$	-	\$	-	365	\$	-	\$	-	\$	-
SUM						\$	-	\$	-			\$	-	\$	-

Table AN: Frankton Sub Area variable prices				Pass-through prices (1 period)											
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance			
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}			
Residential FKN Sub	Uncontrolled - Summer	301S	\$/kWh	3,020,464	\$	0.0292	\$	88,198	2,931,752	\$	0.0292	\$	85,607	\$	2,590
Residential FKN Sub	Uncontrolled - Winter	301W	\$/kWh	4,080,312	\$	0.0648	\$	264,404	4,194,388	\$	0.0648	\$	271,796	\$	7,392
Residential FKN Sub	Night Boost (13hr)	303	\$/kWh	652,435	\$	0.0245	\$	15,985	242,378	\$	0.0245	\$	5,938	\$	10,044
Residential FKN Sub	Night Boost (11hr)	304	\$/kWh	138,485	\$	0.0128	\$	1,773	187,499	\$	0.0128	\$	2,400	\$	627
Residential FKN Sub	Controlled (16hr)	306	\$/kWh	2,551,352	\$	0.0196	\$	50,006	2,630,666	\$	0.0196	\$	51,561	\$	1,555
Residential FKN Sub	Night Only	308	\$/kWh	133,871	\$	-	\$	-	129,335	\$	-	\$	-	\$	-
Residential FKN Sub	Controlled (20hr)	309	\$/kWh	81,262	\$	0.0280	\$	2,275	49,024	\$	0.0280	\$	1,373	\$	903
SUM						\$	422,641					\$	418,675	\$	3,965

Table AO: Frankton Sub Area General fixed prices				Pass-through prices (1 period)											
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance			
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}			
Load Group 0	FKN SUBLoad Group 0TOTAL	FK0-L0-F	\$/Day	3,497	\$	0.2412	\$	843	4,380	\$	0.2412	\$	1,056	\$	213
Load Group 0A	FKN SUBLoad Group 0ATOTAL	FK0A-L0A-F	\$/Day	1,672	\$	0.5462	\$	913	913	\$	0.5462	\$	498	\$	415
Load Group 1	FKN SUBLoad Group 1ATOTAL	FK1A-L1A-F	\$/Day	5,110	\$	-	\$	-	4,289	\$	-	\$	-	\$	-
Load Group 1	FKN SUBLoad Group 1ACAPACITYTOTAL	FK1A-L1A-CKVA	\$/kVA/Day	40,940	\$	0.0415	\$	1,699	34,280	\$	0.0415	\$	1,423	\$	276
Load Group 1	FKN SUBLoad Group 1ACPD TOTAL	FK1A-L1A-CPD	\$/kW/Day	7,300	\$	0.2938	\$	2,145	4,015	\$	0.2938	\$	1,180	\$	965
Load Group 1A	FKN SUBLoad Group 1TOTAL	FK1-L1-F	\$/Day	49,361	\$	-	\$	-	44,040	\$	-	\$	-	\$	-
Load Group 1A	FKN SUBLoad Group 1CAPACITYTOTAL	FK1-L1-CKVA	\$/kVA/Day	740,283	\$	0.0395	\$	29,241	645,381	\$	0.0395	\$	25,493	\$	3,749
Load Group 1A	FKN SUBLoad Group 1CPD TOTAL	FK1-L1-CPD	\$/kW/Day	154,839	\$	0.2938	\$	45,492	127,720	\$	0.2938	\$	37,524	\$	7,968
Load Group 2	FKN SUBLoad Group 2TOTAL	FK2-L2-F	\$/Day	56,151	\$	-	\$	-	53,868	\$	-	\$	-	\$	-
Load Group 2	FKN SUBLoad Group 2CAPACITYTOTAL	FK2-L2-CKVA	\$/kVA/Day	2,765,025	\$	0.0158	\$	43,687	2,645,703	\$	0.0158	\$	41,802	\$	1,885
Load Group 2	FKN SUBLoad Group 2CPD TOTAL	FK2-L2-CPD	\$/kW/Day	438,212	\$	0.2655	\$	116,345	413,880	\$	0.2655	\$	109,885	\$	6,460
Load Group 3	FKN SUBLoad Group 3TOTAL	FK3-L3-F	\$/Day	2,555	\$	-	\$	-	2,829	\$	-	\$	-	\$	-
Load Group 3	FKN SUBLoad Group 3CAPACITYTOTAL	FK3-L3-CKVA	\$/kVA/Day	504,065	\$	0.0266	\$	13,408	549,903	\$	0.0266	\$	14,627	\$	1,219
Load Group 3	FKN SUBLoad Group 3KVA KM	FK3-L3-DIS	\$/kVA-km/Day	1,144,275	\$	-	\$	-	1,207,420	\$	-	\$	-	\$	-
Load Group 3	FKN SUBLoad Group 3CPD TOTAL	FK3-L3-CPD	\$/kW/Day	164,980	\$	0.2163	\$	35,685	162,547	\$	0.2163	\$	35,159	\$	526
Load Group 3A	FKN SUBLoad Group 3ATOTAL	FK3A-L3A-F	\$/Day	2,555	\$	-	\$	-	2,555	\$	-	\$	-	\$	-
Load Group 3A	FKN SUBLoad Group 3ACAPACITYTOTAL	FK3A-L3A-CKVA	\$/kVA/Day	829,171	\$	0.0266	\$	22,056	848,990	\$	0.0266	\$	22,583	\$	527
Load Group 3A	FKN SUBLoad Group 3AKVA KM	FK3A-L3A-DIS	\$/kVA-km/Day	3,012,180	\$	-	\$	-	3,054,381	\$	-	\$	-	\$	-
Load Group 3A	FKN SUBLoad Group 3ACPD TOTAL	FK3A-L3A-CPD	\$/kW/Day	241,848	\$	0.2163	\$	52,312	255,378	\$	0.2163	\$	55,238	\$	2,927
Load Group 4	FKN SUBLoad Group 4TOTAL	FK4-L4-F	\$/Day	3,103	\$	-	\$	-	1,825	\$	-	\$	-	\$	-
Load Group 4	FKN SUBLoad Group 4CAPACITYTOTAL	FK4-L4-CKVA	\$/kVA/Day	1,823,750	\$	0.0431	\$	78,604	1,003,276	\$	0.0431	\$	43,241	\$	35,362
Load Group 4	FKN SUBLoad Group 4KVA KM	FK4-L4-DIS	\$/kVA-km/Day	3,734,370	\$	-	\$	-	2,913,613	\$	-	\$	-	\$	-
Load Group 4	FKN SUBLoad Group 4CPD TOTAL	FK4-L4-CPD	\$/kW/Day	596,295	\$	0.2163	\$	128,979	400,040	\$	0.2163	\$	86,529	\$	42,450
Load Group 5	FKN SUBLoad Group 5TOTAL	FK5-L5-F	\$/Day	-	\$	-	\$	-	-	\$	-	\$	-	\$	-
Load Group 5	FKN SUBLoad Group 5CAPACITYTOTAL	FK5-L5-CKVA	\$/kVA/Day	-	\$	0.0501	\$	-	-	\$	0.0501	\$	-	\$	-
Load Group 5	FKN SUBLoad Group 5KVA KM	FK5-L5-DIS	\$/kVA-km/Day	-	\$	-	\$	-	-	\$	-	\$	-	\$	-
Load Group 5	FKN SUBLoad Group 5CPD TOTAL	FK5-L5-CPD	\$/kW/Day	-	\$	0.2163	\$	-	-	\$	0.2163	\$	-	\$	-
Other Charges	FKN SUBLoad Group OTHER TOTAL	OC-FK	\$	1,302	\$	-	\$	-	-	\$	-	\$	-	\$	-
Transformer Charges	FKN SUBLoad Group TRANS TOTAL	TC-FK	\$	39,900	\$	-	\$	-	-	\$	-	\$	-	\$	-
SUM						\$	571,409					\$	476,238	\$	95,171

Table AP: Frankton Sub Area Non standard prices				Pass-through prices (1 period)											
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance			
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}			
Non standard	Non-Standard	ICP AAG	\$/Year	1	\$	63.757	\$	63.757	1	\$	63.757	\$	63.757	\$	-
SUM						\$	63.757					\$	63.757	\$	-

Table 24 - Pass-through revenues by tariff - Frankton pricing sub-area

Table AQ: Heritage Residential fixed prices				Pass-through prices (1 period)											
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance			
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}	Q _{1,2017}		
Residential 15	HERITAGEResidential 15TOTAL	HESD15	\$/Day	34,637	\$	-	\$	-	31,816	\$	-	\$	-	\$	-
Residential 8	HERITAGEResidential 8TOTAL	HESD8	\$/Day	820	\$	-	\$	-	730	\$	-	\$	-	\$	-
SUM						\$	-			\$	-	\$	-	\$	-

Table AR: Heritage variable prices				Pass-through prices (1 period)											
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance			
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}	Q _{1,2017}		
Residential Heritage	Uncontrolled - Summer	401S	\$/kWh	241,048	\$	-	\$	-	221,876	\$	-	\$	-	\$	-
Residential Heritage	Uncontrolled - Winter	401W	\$/kWh	243,274	\$	-	\$	-	216,214	\$	-	\$	-	\$	-
Residential Heritage	Night Boost	404	\$/kWh	4,651	\$	-	\$	-	4,647	\$	-	\$	-	\$	-
Residential Heritage	Controlled	406	\$/kWh	118,670	\$	-	\$	-	103,866	\$	-	\$	-	\$	-
Residential Heritage	Night Only	408	\$/kWh	12,454	\$	-	\$	-	5,501	\$	-	\$	-	\$	-
SUM						\$	-			\$	-	\$	-	\$	-

Table AS: Heritage General fixed prices				Pass-through prices (1 period)											
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance			
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}	Q _{1,2017}		
Load Group 0	HERITAGELoad Group 0TOTAL	HE0-L0-F	\$/Day	-	\$	-	\$	-	-	\$	-	\$	-	\$	-
Load Group 0A	HERITAGELoad Group 0ATOTAL	HE0A-L0A-F	\$/Day	1,371	\$	-	\$	-	973	\$	-	\$	-	\$	-
Load Group 1	HERITAGELoad Group 1ATOTAL	HE1A-L1A-F	\$/Day	365	\$	-	\$	-	365	\$	-	\$	-	\$	-
Load Group 1	HERITAGELoad Group 1ACAPACITY TOTAL	HE1A-L1A-CKVA	\$/kVA/Day	2,920	\$	-	\$	-	2,920	\$	-	\$	-	\$	-
Load Group 1	HERITAGELoad Group 1ACPD TOTAL	HE1A-L1A-CPD	\$/kW/Day	365	\$	-	\$	-	335	\$	-	\$	-	\$	-
Load Group 1A	HERITAGELoad Group 1TOTAL	HE1-L1-F	\$/Day	-	\$	-	\$	-	-	\$	-	\$	-	\$	-
Load Group 1A	HERITAGELoad Group 1CAPACITY TOTAL	HE1-L1-CKVA	\$/kVA/Day	-	\$	-	\$	-	-	\$	-	\$	-	\$	-
Load Group 1A	HERITAGELoad Group 1CPD TOTAL	HE1-L1-CPD	\$/kW/Day	-	\$	-	\$	-	-	\$	-	\$	-	\$	-
Load Group 2	HERITAGELoad Group 2TOTAL	HE2-L2-F	\$/Day	730	\$	-	\$	-	456	\$	-	\$	-	\$	-
Load Group 2	HERITAGELoad Group 2CAPACITY TOTAL	HE2-L2-CKVA	\$/kVA/Day	23,725	\$	-	\$	-	12,897	\$	-	\$	-	\$	-
Load Group 2	HERITAGELoad Group 2CPD TOTAL	HE2-L2-CPD	\$/kW/Day	2,190	\$	-	\$	-	760	\$	-	\$	-	\$	-
SUM						\$	-			\$	-	\$	-	\$	-

Table AT: Heritage Street Lighting prices				Pass-through prices (1 period)											
Load Group	Description	Code	Units	Reported Quantities				Projected Quantities (when prices were determined)				Variance			
				Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	Q _{1,2017}	PTP _{1,2017}	PTP _{1,2017}	Q _{1,2017}	PTP _{1,2017}	Q _{1,2017}		
Street Lighting kWh	Street Lighting - Volumetric Price	410	\$/kWh	27,007	\$	-	\$	-	27,039	\$	-	\$	-	\$	-
Street Lighting Lamps	Street Lighting - Daily Fixed Price	HESIL	\$/Day	29,565	\$	-	\$	-	29,646	\$	-	\$	-	\$	-
SUM						\$	-			\$	-	\$	-	\$	-

Table 25 - Pass-through revenues by tariff - Heritage Estate pricing area

APPENDIX F Quality Standard Compliance and Incentive

Quality Compliance Calculations

SAIDI and SAIFI Limits

SAIDI Limit 2015-2020 regulatory period	83.365
SAIFI Limit 2015-2020 regulatory period	1.447
SAIDI Unplanned Boundary Value 2015-2020 regulatory period	3.382
SAIFI Unplanned Boundary Value 2015-2020 regulatory period	0.061
SAIDI Limit 2010-2015 regulatory period	98.290
SAIFI Limit 2010-2015 regulatory period	1.670

Table 26 - Quality limits and boundary values

SAIDI Assessed Values

Raw data

SAIDI _B	Planned SAIDI	62.476
SAIDI _C	Unplanned SAIDI	107.042

Adjusted data

SAIDI _B	Planned SAIDI multiplied by 0.5	31.238
SAIDI _C	Normalised unplanned SAIDI	77.289

SAIDI _{Assess (B+C)}	108.528
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Table 27 - SAIDI assessed values

SAIFI Assessed Values

Raw data

SAIFI _B	Planned SAIFI	0.314
SAIFI _C	Unplanned SAIFI	1.259

Adjusted data

SAIFI _B	Planned SAIFI multiplied by 0.5	0.157
SAIFI _C	Normalised unplanned SAIFI	1.206

SAIFI _{Assess (B+C)}	1.362
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Table 28 - SAIFI assessed values

Days exceeding SAIDI Boundary Value within the 2016/17 Assessment Dataset

Date	Pre-Normalised unplanned SAIDI	Normalised unplanned SAIDI
4-Apr-16	10.239	3.382
14-Jul-16	5.712	3.382
12-Oct-16	14.890	3.382
29-Nov-16	3.955	3.382
11-Jan-17	5.320	3.382
19-Jan-17	3.413	3.382
24-Jan-17	9.898	3.382

Table 29 - SAIDI major event days

Days exceeding SAIFI Boundary Value within the 2016/17 Assessment Dataset

Date	Pre-Normalised unplanned SAIFI	Normalised unplanned SAIFI
4-Apr-16	0.080	0.061
14-Jul-16	0.096	0.061

Table 30 - SAIFI major event days

Assessed SAIDI Value 2015/16		
SAIDI _{2014/15}	128.730	The sum of daily SAIDI Values in the 1 April 2014 - 31 March 2015 Normalised Assessment Dataset
Assessed SAIFI Value 2015/16		
SAIFI _{2014/15}	1.743	The sum of daily SAIFI Values in the 1 April 2014 - 31 March 2015 Normalised Assessment Dataset
Assessed SAIDI Value 2014/15		
SAIDI _{2013/14}	123.590	The sum of daily SAIDI Values in the 1 April 2013 - 31 March 2014 Normalised Assessment Dataset
Assessed SAIFI Value 2014/15		
SAIFI _{2013/14}	1.370	The sum of daily SAIFI Values in the 1 April 2013 - 31 March 2014 Normalised Assessment Dataset

Table 31 - Prior period assessed values - SAIDI & SAIFI

Quality Incentive Calculations

Quality Incentive Adjustment		
Term	Description	Value \$
S_{SAIDI}	SAIDI incentive	-282,560
S_{SAIFI}	SAIFI incentive	-125,776
S_{TOTAL}	SAIDI incentive plus SAIFI incentive	-408,336

Table 32 - Statement of quality incentive amount

SAIDI Incentive		
Term	Description	Value
$SAIDI_{Target}$	SAIDI target specified in DPP Determination	74.4633
$SAIDI_{Collar}$	SAIDI incentive range collar specified in DPP Determination	65.5614
$SAIDI_{Cap}$	SAIDI incentive range cap specified in DPP Determination	83.3652
MAR	Maximum allowable revenue for the 2015/16 year	\$56,512,000
REV_{RISK}	Revenue at risk relating to SAIDI target (equal to 1% of MAR)	\$565,120
$SAIDI_{IR}$	SAIDI incentive rate per unit (equal to revenue at risk divided by Cap minus Target)	\$31,742
$SAIDI_{ASSESS}$	Assessed SAIDI value for purpose of incentive	83.365
S_{SAIDI}	SAIDI incentive adjustment (equal to incentive rate multiplied by SAIDI target minus Assessed SAIDI)	-\$282,560

Table 33 - Calculation of SAIDI quality incentive component

SAIFI Incentive		
Term	Description	Value
SAIFI Target	SAIFI target specified in DPP Determination	1.2947
SAIFI Collar	SAIFI incentive range collar specified in DPP Determination	1.1425
SAIFI Cap	SAIFI incentive range cap specified in DPP Determination	1.4469
MAR	Maximum allowable revenue for the 2015/16 year	\$56,512,000
REV_{RISK}	Revenue at risk relating to SAIFI target (equal to 1% of MAR)	\$565,120
$SAIFI_{IR}$	SAIFI incentive rate per unit (equal to revenue at risk divided by Cap minus Target)	\$1,856,505
$SAIFI_{ASSESS}$	Assessed SAIFI value for purpose of incentive	1.362
S_{SAIFI}	SAIFI incentive adjustment (equal to incentive rate multiplied by SAIFI target minus Assessed SAIFI value)	-\$125,776

Table 34 - Calculation of SAIFI quality incentive component

APPENDIX G Policies and Procedures for Recording SAIDI & SAIFI

Quality records for all outages (planned and unplanned) on the Aurora Energy Ltd network are maintained by Delta under the requirements of the asset services contract between the two parties for the operation and maintenance of the network. Delta has management policies and procedures that are certified to ISO 9001. The quality procedures pertinent to the recording of outage information are set out in document QP2109 "Network Outage Reporting".

The duty Network Coordinator is responsible for initiating a fault report as soon as the fault occurs and, when completed, attaching relevant information such as switching instructions, SCADA print-outs, etc. The Team Leader – Network Coordinator also examines the daily report from the after-hours telephone answering service to ensure that reports for outages involving single HV fuses or LV fuses supplying multiple consumers are captured. All details on the fault reports are subsequently checked by the Operations Manager.

The Network Coordinator is also responsible for entering data from the report into the outage database. Monitoring quality of outage information entered into the database is the responsibility of the Team Leader – Network Coordinator. Identifying and resolving problems with quality of data is performed weekly and again at month end. Reviewing any problems associated with quality of data is discussed at the fortnightly Operations team meeting with the purpose of learning and achieving incremental improvements. This database is used to collect data on all outages where equipment is removed from service. It therefore includes all planned and unplanned interruptions, as well as those involving all HV fuses and where LV fuses supply multiple ICPs. Momentary interruptions due to circuit reclosers at zone substations less than one minute are also included. The outage database holds the customer-minutes interrupted for each outage along with date, time, cause, voltage of faulted circuit, load lost and number of customers affected.

Consumer numbers are derived from the geographic information system (GIS) for that segment of the circuit affected by the planned or unplanned outage. Each month the ICPs in the GIS are reconciled with the ICPs in the network connection database used for line charge billing to retailers. The network connection database is updated daily from the national registry and a full reconciliation with the national registry is carried out at the end of each month. The consumer number used in the annual outage report is the average of the start period consumer number billed to retailers and the end period consumer number billed to retailers. This average number is divided into the sum of all customer-minutes interrupted to derive the annual SAIDI minutes.

The Asset Management Operations team is currently implementing several initiatives that aim to improve both the internal work processes and services delivered to customers. The recent formation of an Operations team within the Asset Management team, construction of a new Control Room to be manned 24/7 - 365 days, implementation of an Advanced Distribution Management System (ADMS) and centralising of the Central Otago and Dunedin control rooms. The project to deliver an ADMS and Outage Management System includes transitioning the current manual processes for gathering and managing network outage data to newly defined business and work flow processes. The GE PowerOn Fusion system connects the network asset and customer models to accurately understand customer impact of outage events, and provides the opportunity for improving customer service.

Each week a summary of network outages (HV) is reported and discussed at the senior management operations meeting with the purpose of reviewing and identifying improvements to the planned and unplanned outages impacting on customers. In addition, a monthly a summary of reliability performance (including details of the major outages) is reported to the Directors of Aurora Energy Ltd. A separate report on outage performance is also included in the quarterly asset performance report to the Directors of Aurora Energy Ltd. At the end of March each year, an extract of all outages is imported into MS Excel where further analysis is carried out prior to the production of the reports for publication of the Statement and for information disclosure. These reports are scrutinised by the Operations Manager and the Commercial Manager for consistency of coding and to ensure that all interruptions less than 1 minute or involving LV circuits are not included in the Class B or C interruptions.

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Retention of network outage documentation and database records are maintained for a sufficient period as required by law or regulation.

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APPENDIX H Assurance Report

AUDIT NEW ZEALAND
Mana Arotake Aotearoa

Independent Assurance Report To the directors of Aurora Limited and to the Commerce Commission

The Auditor-General is the auditor of Aurora Limited (the company). The Auditor-General has appointed me, Julian Tan, using the staff and resources of Audit New Zealand, to provide an opinion, on his behalf, on whether the Annual Compliance Statement for the period ended on 31 March 2017 on pages 2 to 37 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 issued by the External Reporting Board 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 2017, our assurance engagement included examination, on a test basis, of evidence relevant to the amounts and disclosures contained on pages 2, 5 to 7, and 15 to 30 of the Annual Compliance Statement.

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In assessing the disclosures about compliance with the quality standards in clause 9 of the Determination for the assessment period ended on 31 March 2017, our assurance engagement included examination, on a test basis, of evidence relevant to the amounts and disclosures contained on pages 2 to 4, 7 to 12, and 31 to 37 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 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 her employees and Audit New Zealand 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, the audit of the company's disclosure information prepared under the Electricity Distribution

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Information Disclosure Determination 2012 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.
- The Annual Compliance Statement of company for the period ended on 31 March 2017, 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.



Julian Tan
Audit New Zealand
On behalf of the Auditor-General
Dunedin, New Zealand
13 June 2017

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APPENDIX I Compliance Matrix

This schedule demonstrates how this Statement complies with the Determination.

Determination Requirement	Determination Reference	Statement Reference
The Annual Compliance Statement must:		
state whether or not the Non-exempt EDB has complied with:		
the price path in clause 8 for the Assessment Period; and	Clause 11.2(a)(i)	Section 5.1
the quality standards in clause 9 for the Assessment Period;	Clause 11.2(a)(ii)	Section 5.2
include any information required under clause 11.4 (price path compliance);	Clause 11.2(b)	See below
include any information required under clause 11.5 (quality standards compliance);	Clause 11.2(c)	See below
state whether or not:		
the Non-exempt EDB has undertaken a Restructure of Prices during the Assessment Period.	Clause 11.2(d)(i)	Section 5.3
the Non-exempt EDB has received a transfer of transmission assets from Transpower that become System Fixed Assets of transferred System Fixed Assets to Transpower.	Clause 11.2(d)(ii)	Section 5.3
any Amalgamation or Merger has occurred in the Assessment Period.	Clause 11.2(d)(iii)	Section 5.3
any Major Transaction has occurred in the Assessment Period.	Clause 11.2(d)(iv)	Section 5.3
if there has been an Amalgamation, Merger, or Major Transaction, include any additional information in accordance with clause 11.6 (transactions compliance)	Clause 11.2(e)	Not applicable
if there has been a Restructure of Prices in the Assessment Period or the previous Assessment Period, include any additional information in accordance with clauses 11.7 and 11.8 (Restructure of Prices compliance)	Clause 11.2(f)	Not applicable
state the date on which the statement was certified	Clause 11.2(g)	Section 5.4

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Determination Requirement	Determination Reference	Statement Reference
The Annual Compliance Statement must be accompanied by:		
a certificate in the form set out in Schedule 6, signed by at least one Director of the Non-exempt EDB.	Clause 11.3(a)	Appendix A
by an assurance report, meeting the requirements specified in Schedule 7, in respect of all information contained in the Annual Compliance Statement.	Clause 11.3(b)	Appendix H
The Annual Compliance Statement must include any information reasonably necessary to demonstrate whether the Non-exempt EDB has complied with the price path set out in clause 8, including but not limited to:		
if the Non-exempt EDB has not complied with the price path, the reasons for the non-compliance;	Clause 11.4(a)	Not applicable
actions taken to mitigate any non-compliance and to prevent similar noncompliance in future Assessment Periods;	Clause 11.4(b)	Not applicable
the amount of allowable notional revenue, the amount of notional revenue, Distribution Prices, Quantities, along with the units of measurement associated with all numeric data, and other relevant data, information, and calculations;	Clause 11.4(c)	Appendix B
in relation to each Price during any part of the Assessment Period, the Price and the portions of that Price that are Pass-through Prices and the portion of that Price that are Distribution Prices;	Clause 11.4(c)	Appendices D & E
the methodology used to calculate Distribution Prices and Pass-through Prices, along with information clearly identifying the portion of Pass-through Prices attributable to–		
Pass-through Costs and Recoverable costs for the Assessment Period in question, and	Clause 11.4(e)(i)	Section 6.1 and Appendix C
any under or over-recovery of Pass-through Costs and Recoverable Costs from a prior Assessment Period, as reflected by the Pass-through Balance;	Clause 11.4(e)(ii)	Appendix C
the Pass-through Balance, Pass-through Prices, and Quantities for the Assessment Period and the preceding Assessment Period, along with the units of measurement associated with all numeric data, and other relevant data information, and calculations;	Clause 11.4(f)	Appendix C
the amount of Pass-through Costs and Recoverable Costs included in the calculation of the Pass-through Balance for the Assessment Period, and supporting data, information, and calculations used to determine those amounts;	Clause 11.4(g)	Appendix C
evidence of the amount of charge relating to any new investment contract entered into in the Assessment Period consistent with clause 3.1.3(1)(c) of the IM Determination, which need not be publicly disclosed under 11.1(c);	Clause 11.4(h)	Not applicable

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Determination Requirement	Determination Reference	Statement Reference
the amount of any Pass-through Costs and Recoverable Costs (actual or forecast) used to set Pass-through Prices for the Assessment period;	Clause 11.4(i)	Appendix C
an explanation as to the cause, or likely cause, of any differences between the amounts of Pass-through or Recoverable Costs used to set Prices and actual amounts of those Pass-through Costs and Recoverable Costs; and	Clause 11.4(j)	Section 6.1.2
a reconciliation between the Pass-through Balance for the Assessment period with the Pass-through Balance for the preceding Assessment Period.	Clause 11.4(k)	Appendix C
The Annual Compliance Statement must include any information reasonably necessary to demonstrate whether the Non-exempt EDB has complied with the quality standards set out in clause 9, including but not limited to:		
if the Non-exempt EDB has not complied with the annual reliability assessment in clause 9.2 for the Assessment Period, the reasons for not complying;	Clause 11.5(a)	Section 6.2.1
actions taken to mitigate any non-compliance and to prevent similar noncompliance in future Assessment Periods;	Clause 11.5(b)	Section 6.2.2
SAIDI and SAIFI Assessed Values, Limits, Unplanned Boundary Values, Caps, Collars, and the Targets for the Assessment Period, and any supporting calculations (including those in Schedule 4A) and the annual reliability assessments for the two previous Assessment Periods	Clause 11.5(c)	Appendix F
any recalculations of the SAIDI and SAIFI Limits, Unplanned Boundary Values, Targets, Caps, and collars following a Major Transaction or transfer of transmission assets from Transpower that become System Fixed Assets, or a transfer of System Fixed Assets to Transpower including any supporting information, calculations, or data used to determine the historic SAIDI and SAIFI Values of the newly acquired or transferred assets.	Clause 11.5(d)	Not applicable
a description of the policies and procedures which the Non-exempt EDB has used for capturing and recording Interruptions and for calculating SAIDI and SAIFI Assessed Values for the Assessment Period; and	Clause 11.5(e)	Appendix G
the cause of each Major Event Day within the Assessment Period.	Clause 11.5(f)	Section 6.2.2.2
If a Non-exempt EDB participates in an Amalgamation, a Merger, or Major Transaction, the Annual Compliance Statement for that Assessment Period must:		
state whether or not the Non-Exempt EDB has complied with clauses 10.1 to 10.4; and	Clause 11.6(a)	Not applicable
include any information or calculations required to be made under clauses 10.1 to 10.4.	Clause 11.6(b)	Not applicable

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Determination Requirement	Determination Reference	Statement Reference
If a Non-exempt EDB has undertaken a Restructure of Prices that first applied during the current or preceding Assessment Period, the Annual Compliance Statement must state the nature of the Restructure of Prices and identify the consumer groups impacted by the Restructure of Prices	Clause 11.7	Not applicable
If a Non-exempt EDB has undertaken a Restructure of Prices that first applied during the current or preceding Assessment Period, and the Non-exempt EDB has derived Quantities for the purpose of calculating notional revenue or allowable notional revenue under clause 8.10, the Annual Compliance Statement must include:		
The methodology used to determine the Quantities that correspond to each restructured price;	Clause 11.8(a)	Not applicable
The forecast of the Quantities corresponding to each restructured Price prepared by the Non-exempt EDB for that Assessment Period, and the actual Quantities; and	Clause 11.8(b)	Not applicable
An explanation for any differences between actual and forecast Quantities.	Clause 11.8(c)	Not applicable

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