



Annual Compliance Statement by Aurora Energy Limited as at 31 March 2012

Pursuant to the
*ELECTRICITY DISTRIBUTION SERVICES DEFAULT PRICE-QUALITY PATH
DETERMINATION 2010*

INDEX

	Page
A CERTIFICATION OF ANNUAL COMPLIANCE STATEMENT	1
B INTRODUCTION	2
C PRICE PATH	3
D QUALITY STANDARDS	6
E QUALITY POLICIES AND PROCEDURES	8
F AUDITOR'S REPORT ON ANNUAL COMPLIANCE STATEMENT	10

APPENDIX A Summarised Notional Revenues

APPENDIX B Notional Revenues by Tariff

A CERTIFICATION OF ANNUAL COMPLIANCE STATEMENT

We, Ross Douglas Liddell and Stuart James McLauchlan being Directors of Aurora Energy Limited, certify that, having made all reasonable enquiry, to the best of our 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 2010* are true and accurate:



Ross Douglas Liddell



Stuart James McLauchlan

Date 1 August 2012

B INTRODUCTION

Background

Aurora is New Zealand's sixth-largest electricity distributor¹, annually receiving 1,320 GWh of electricity for distribution to over 82,300 homes and businesses in Dunedin and Central Otago. The Aurora network comprises a total circuit length of over 5,621 kilometres, traversing a geographically diverse landscape, ranging from the urban precincts of Dunedin City to the remote and unforgiving high country environments of Central Otago.

This Annual Compliance Statement (Statement) is submitted by Aurora Energy Limited (Aurora) pursuant to clause 11 of the *Electricity Distribution Services Default Price-Quality Path Determination 2010* (the *Determination*). The *Determination* specifies how price-quality regulation, made under section 54G of the Commerce Act 1986 (the Act), applies to non-exempt Electricity Distribution Businesses (EDBs), including Aurora.

The *Determination* requires Aurora to comply, during the regulatory period 1 April 2010 to 31 March 2015, with:

- (a) the price path specified in clause 8; and
- (b) the quality path specified in clause 9.

Aurora is required to provide this Statement to the Commerce Commission (Commission) and publicly disclose information relevant to the assessment of its performance against the price and quality paths.

Statement of non-compliance

As required by clause 11.1(a) of the *Determination*, in respect of the Assessment Period ending on 31 March 2012, this Statement:

- a) states Aurora's compliance with the price path requirements outlined in clause 8;
- b) states Aurora's non-compliance with the quality standards outlined in clause 9; and
- c) includes sufficient information, as outlined in clause 11.1(b) of the *Determination*, to support the Statement.

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.

¹ By energy received for distribution to consumers.

C PRICE PATH

Introduction

This section of the Statement demonstrates compliance with the price path for the assessment period ending on 31 March 2012. The price path allows Aurora to increase prices by the change in the Consumers' Price Index (CPI), plus or minus a regulated rate of change ("X" factor)². Changes in transmission costs, Commerce Commission levies, Electricity Authority levies, and local authority rates may also be passed through into the prices charged by Aurora.

Demonstration of compliance

The notional revenue (NR_{2012}) of a non-exempt electricity distribution business at any time during the assessment period must not exceed the allowable notional revenue (R_{2012}) for the assessment Period.

As outlined in the equation below, Aurora complies with the price path:

$$NR_t \leq R_t$$

$$NR_{2012} \leq R_{2012}$$

$$\$53,600,745 \leq \$53,835,377$$

Notional revenue for the 2012 assessment period:

$$NR_t = \sum P_{i,t} Q_{i,t-2} - K_t$$

$$NR_{2012} = \sum P_{i,2012} Q_{i,2010} - K_{2012}$$

$$NR_{2012} = \$77,017,061 - \$23,416,316$$

$$NR_{2012} = \$53,600,745$$

- i. Details of $\sum P_{i,2012} Q_{i,2010}$ is included in Appendix A and B.
- ii. Details of K_{2012} is included in pass-through cost section below.

Allowable notional revenue for the 2012 assessment period:

$$R_t = ((\sum P_{i,t-1} Q_{i,t-2} - K_{t-1}) + (R_{t-1} - NR_{t-1})) * (1 + \Delta CPI_t) * (1 - X)$$

$$R_{2012} = ((\sum P_{i,2011} Q_{i,2010} - K_{2011}) + (R_{2011} - NR_{2011})) * (1 + \Delta CPI_{2012}) * (1 - X)$$

$$R_{2012} = ((\$72,937,664 - \$20,284,981) + (\$50,399,800 - \$50,159,226)) * (1 + 0.0178) * (1 - 0)$$

$$R_{2012} = \$53,835,377$$

- iii. Details of $\sum P_{i,2011} Q_{i,2010}$ is included in Appendix A and B.
- iv. Details of K_{2011} is included in pass-through cost section below
- v. Details of ΔCPI_{2012} is included in CPI section below.

² X = 0% for the period 1 April 2010 to 31 March 2015

Pass-through costs

The Determination allows Aurora to pass-through the following costs into network prices:

- Transmission Charges;
- Local Authority Rates;
- Electricity Authority Levies; and
- Commerce Act Levies.

The table below provides a breakdown of pass-through costs incurred by Aurora in the 2012 assessment period. The table also includes Aurora's forecasted pass-through costs for the assessment period when prices were determined in January 2011.

Pass-through cost category	K ₂₀₁₁ (Actual)	K ₂₀₁₂ (Actual)	K ₂₀₁₂ (Forecast)
Transmission Charges	\$19,385,798	\$22,476,639	\$22,478,390
Local Authority Rates	\$554,957	\$581,981	\$576,216
Electricity Authority Levies	\$159,718 ³	\$217,707	\$153,000
Commerce Act Levies	\$186,549	\$139,989	\$187,497
Total	\$20,287,022	\$23,416,316	\$23,395,103

Transmission Charges

For the purposes of the calculations, transmission charges are the sum of:

- Transpower connection, interconnection, and new investment charges; and
- avoided transmission charges paid to distributed 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 to distributed generators.

The variance in transmission charges between K₂₀₁₂ (Actual) and K₂₀₁₂ (Forecast) is primarily due to changes in New Investment Agreements (NIAs) with Transpower. Changes in NIA pricing is linked to the risk-free interest rate determined by the Transpower Board of Directors. As Transpower's risk-free interest rate can change between the time that Aurora forecasts transmission charges as part of the price setting process, and the pricing anniversaries of NIAs, some variance can occur.

Local Authority Rates

Aurora is subject to rates from the following local authorities:

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

Variance in rates between K₂₀₁₂ (Actual) and K₂₀₁₂ (Forecast) is primarily caused by the timing difference in the rating year and the assessment period for Aurora. When Aurora sets prices for the assessment period, the rates from July onwards in the assessment period (the commencement of the rating year), are unknown and must be forecasted. Some variation between Aurora's forecast of rates changes and the actual changes in rates is inevitable.

³ The Electricity Authority replaced the Electricity Commission on 1 November 2010. The total Electricity Authority levies stated for K₂₀₁₁ include the relevant Electricity Commission levies up to 31 October 2010.

Electricity Authority Levies

The Crown recovers the cost of operating the Electricity Authority 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 K₂₀₁₂ (Actual) and K₂₀₁₂ (Forecast) is due to Aurora relying on previous year Electricity Authority levies as the forecast value of future Electricity Authority levies.

Commerce Act Levies

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 the new Part 4 of the Commerce Act can be divided into the cost of developing Input Methodologies for all regulated sectors and the costs of developing and administering other regulatory instruments, such as information disclosure requirements, for each regulated sector.

To assist in spreading the costs associated with the Input Methodology process over time, clause 8.8 of the Determination allows Aurora to apportion the 2009/10 Commerce Act levies over the five year regulatory period. For the 2012 assessment period Aurora has apportioned \$32,497 (1/5 of \$162,485) of the 2009/10 Commerce Act levies.

In addition to the apportioned 2009/10 levies, Aurora has incurred \$107,492 of Commerce Act levies in the 2012 assessment period. The variance in Commerce Act levies between K₂₀₁₂ (Actual) and K₂₀₁₂ (Forecast) is due to Aurora relying on previous year Commerce Act levies as the forecast value of future Commerce Act levies.

CPI

The Determination allows for Aurora to change its prices to pass-through changes in the Consumers' Price Index (CPI) to consumers.

ΔCPI_{2012} is the derived change in CPI⁴ applied during the 2012 assessment period. This is calculated according to the following expression in clause 8.4:

$$\Delta\text{CPI}_t = (\text{CPI}_{\text{Dec},t-3} + \text{CPI}_{\text{Mar},t-2} + \text{CPI}_{\text{Jun},t-2} + \text{CPI}_{\text{Sep},t-2}) / (\text{CPI}_{\text{Dec},t-4} + \text{CPI}_{\text{Mar},t-3} + \text{CPI}_{\text{Jun},t-3} + \text{CPI}_{\text{Sep},t-3}) - 1$$

$$\Delta\text{CPI}_{2012} = (\text{CPI}_{\text{Dec},2009} + \text{CPI}_{\text{Mar},2010} + \text{CPI}_{\text{Jun},2010} + \text{CPI}_{\text{Sep},2010}) / (\text{CPI}_{\text{Dec},2008} + \text{CPI}_{\text{Mar},2009} + \text{CPI}_{\text{Jun},2009} + \text{CPI}_{\text{Sep},2009}) - 1$$

$$\Delta\text{CPI}_{2012} = (1093 + 1097 + 1099 + 1111) / (1072 + 1075 + 1081 + 1095) - 1$$

$$\Delta\text{CPI}_{2012} = 4400 / 4323 - 1$$

$$\Delta\text{CPI}_{2012} = 0.0178$$

⁴ Where the index used is the Consumers Price All Groups SE9A Index published by Statistics New Zealand.

D QUALITY STANDARDS

Clause 9 of the *Determination* requires that Aurora must either:

- (a) comply with the annual reliability assessment specified in *clause 9.2* for that assessment period; or
- (b) comply with those annual reliability assessments for the two immediately preceding extant assessment periods.

The following reliability limits have been calculated for the reference period - 1 April 2004 to 31 March 2009 and were first published in Aurora's annual compliance statement for the year ended 31 March 2011.

Boundary Values

$$B_{SAIDI} = e^{(\alpha SAIDI + 2.5\beta SAIDI)}$$

$$B_{SAIDI} = e^{(-2.75 + 5.23)}$$

$$B_{SAIDI} = 11.93$$

$$B_{SAIFI} = e^{(\alpha SAIFI + 2.5\beta SAIFI)}$$

$$B_{SAIFI} = e^{(-6.94 + 4.58)}$$

$$B_{SAIFI} = 0.30$$

Reliability Limits

$$SAIDI_{LIMIT} = \mu_{SAIDI} + \sigma_{SAIDI}$$

$$SAIDI_{LIMIT} = 84.32 + 13.97$$

$$SAIDI_{LIMIT} = 98.29$$

$$SAIFI_{LIMIT} = \mu_{SAIFI} + \sigma_{SAIFI}$$

$$SAIFI_{LIMIT} = 1.47 + 0.20$$

$$SAIFI_{LIMIT} = 1.67$$

2012 Reliability Assessment

An annual reliability assessment for the period ending 31 March 2012 has been calculated and audited in preparation for the 2012 compliance statement.

Aurora's assessed values for the period must not exceed its reliability limits for that period, such that:

$$SAIDI_{ASSESS, t} / SAIDI_{LIMIT} \leq 1$$

$$SAIDI_{ASSESS, 2012} / SAIDI_{LIMIT} \leq 1$$

$$115.88 / 98.29 = 1.18$$

Reliability does not meet the standard

$$SAIFI_{ASSESS, t} / SAIFI_{LIMIT} \leq 1$$

$$SAIFI_{ASSESS, 2012} / SAIFI_{LIMIT} \leq 1$$

$$1.79 / 1.67 = 1.07$$

Reliability does not meet the standard

Prior Year Assessments

Year	$SAIDI_{ASSESS}$	$SAIDI_{LIMIT}$	Ratio	Status
2011	110.95	98.29	1.13	Does not comply
2012	115.88	98.29	1.18	Does not comply

Year	$SAIFI_{ASSESS}$	$SAIFI_{LIMIT}$	Ratio	Status
2011	1.48	1.67	0.89	Complies
2012	1.79	1.67	1.07	Does not comply

Compliance Statement

Aurora does not comply with the annual reliability assessment in respect of SAIDI, since it does not meet the reliability standard in the current assessment period (*section 9.2(a)*), and did not meet the reliability standard in the preceding years, and therefore cannot claim compliance through meeting the reliability standards for the two immediately preceding extant assessment periods (*section 9.2(b)*).

Aurora complies with the annual reliability assessment in respect of SAIFI, since it has met the reliability standards for the two immediately preceding extant assessment periods (*section 9.2(b)*)

Notes on SAIDI non-compliance

During the assessment period, two severe wind storms occurred that triggered the replacement of daily SAIDI values with B_{SAIDI} .

On 12 May 2011, severe gales in coastal Otago caused injuries, widespread damage and disruption, including blowing roofs off houses, causing trees to fall over roads, power lines and on cars, and forcing the closure of State Highways 1 and 87 for a period of time. Winds averaged 80kmh, gusting to 160kmh⁵. The daily SAIDI value of 18.03 minutes was replaced by the 11.93 minute boundary value.

On 25 October 2011, severe winds gusting up to 130kmh caused significant damage and disruption in the Central Otago region. Roads were blocked by fallen trees, which also took out a number of overhead power circuits. Outages were widespread throughout the region, affecting consumers in the Alexandra, Maniototo, Cromwell, and Wakatipu areas. The prolonged and severe nature of the winds posed a significant safety hazard in some locations and prevented fault crews from repairing damage as quickly as would normally be expected⁶. The daily SAIDI value of 34.79 minutes was replaced by the 11.93 minute boundary value.

The five largest daily SAIDI values for the assessment period represent 37% of $SAIDI_{ASSESS}$ (after the boundary value substitutions stated above).

Rank	Date	$SAIDI_{RAW}$	$SAIDI_{NORM}$	Principal Cause
1	25 October 2011	34.79	11.93	Wind storm
2	12 May 2011	18.03	11.93	Wind storm
3	16 June 2011	8.82	8.82	Broken pole (carrying two 11kV feeders)
4	11 October 2011	6.34	6.34	Wind storm
5	15 August 2011	3.91	3.91	Wind storm
Total			42.93	
$SAIDI_{ASSESS}$			115.88	
Ratio			37%	

⁵ Otago Daily Times. *Strong winds batter region*. 12 May 2011. Otago Daily Times. *High winds wreak havoc*. 13 May 2011.

⁶ Otago Daily Times. *Roads closed after high winds*. 25 October 2011. Otago Daily Times. *Central power cuts drag on*. 26 October 2011.

E QUALITY POLICIES AND PROCEDURES

The quality records for all outages (planned and unplanned) on the Aurora Energy Ltd network are maintained by Delta under 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". A flow diagram from that document is set out below.

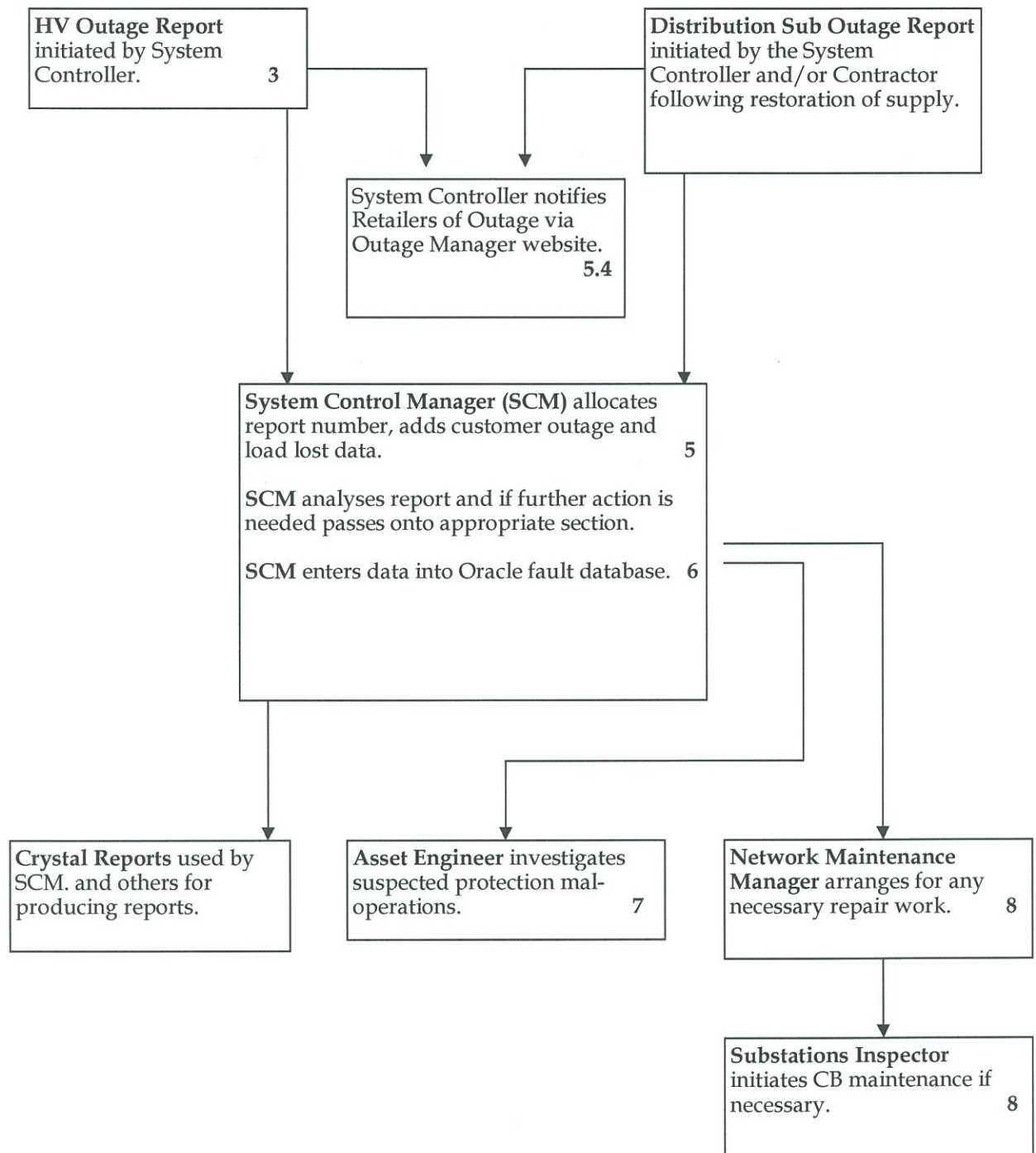


Figure 1 - Flow Diagram for Processing Outage Reports

The duty System Controller is responsible for initiating a fault report as soon as the fault occurs and, when completed, attaching the relevant information such as switching instructions, SCADA print-outs, etc. During audit, the practice of attaching SCADA printouts to the fault report was noted to be intermittent; however this requirement has been reinforced and is now occurring consistently. The System Control Manager 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 System Control Manager. The System Control Manager is also responsible for entering data from the report into the Delta outage database. This database is used to collect data on all outages where equipment is removed from service. It therefore includes all planned interruptions 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. Momentary interruptions due to reclosers in the HV network that are not connected to SCADA are recorded in the database if recorded by multiple UTL devices. 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.

Customer numbers are derived from the geographic information system (GIS) for that part 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 customer number used in the annual outage report is the average of the start period customer number billed to retailers and the end period customer number billed to retailers. This average number is divided into the sum of all customer-minutes interrupted to derive the annual SAIDI minutes.

Each month a summary of outages (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 for the Information Disclosure Requirements. These reports are scrutinised by the System Control Managers 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.

SCADA Data

During audit, it was discovered that a fault had occurred in the SCADA archiving system which has resulted in records for events occurring, on the Dunedin network only, between 6 January 2011 and 14 August 2011 being automatically deleted from the recording system.

Extensive work was undertaken over several weeks, in conjunction with the SCADA support service provider (Invensys) based in Australia, to restore the lost data from backup; however this met with only limited success.

Further work with the support provider has corrected the system code error that caused this problem.

Reporting Compliance

The inability to provide verifying data to auditors, for certain events within the date range specified above, has resulted in a delay in the audit process. As a consequence, Aurora has been unable to comply with clause 11.1 of the Electricity Distribution Services Default Price-Quality Path Determination 2010.

F AUDITOR'S REPORT ON ANNUAL COMPLIANCE STATEMENT

AUDIT NEW ZEALAND

Mana Arotake Aotearoa

Independent Auditor's Report

To the readers of the Annual Compliance Statement of Aurora Energy Limited for the Assessment Period ended on 31 March 2012

The Auditor-General is the auditor of Aurora Energy Limited (the company). The Auditor-General has appointed me, Ian Lothian, using the staff and resources of Audit New Zealand, to provide an opinion, on her behalf. We have audited the attached statement, which is an Annual Compliance Statement in respect of the default price-quality path prepared by the company for the Assessment Period ended on 31 March 2012 and dated 1 August 2012 for the purposes of clause 11 of the *Electricity Distribution Services Default Price-Quality Path Determination 2010* ("the Determination").

In relation to the price path set out in clause 8 of the Determination, our audit included examination, on a test basis, of evidence relevant to the amounts and disclosures contained on pages 3 to 9 of the Annual Compliance Statement.

In relation to the SAIDI and SAIFI statistics for the Reference Period and the Assessment Period ended on 31 March 2012, including the calculation of the Reliability Limits and the Assessed Values, which are relevant to the quality standards set out in clause 9 of the Determination, our audit included examination, on a test basis, of evidence relevant to the amounts and disclosures contained on pages 3 to 9 of the Annual Compliance Statement.

Our audit also included assessment of the significant estimates and judgments, if any, made by the company in the preparation of the Annual Compliance Statement and assessment of whether the basis of preparation has been adequately disclosed.

Directors' Responsibilities

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, whether due to fraud or error.

Auditor's Responsibilities

Our responsibility is to express an opinion on the Annual Compliance Statement based on our audit. We conducted our audit in accordance with the External Reporting Board Standard on Assurance Engagements 3100: *Compliance Engagements*. This standard requires that we comply with ethical and quality control requirements and plan and perform the audit to obtain reasonable assurance about whether the Annual Compliance Statement has been prepared in accordance with the Determination and is free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the Annual Compliance Statement. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the Annual Compliance Statement, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation of the Annual Compliance Statement in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Where relevant, an audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates, as well as evaluating the overall presentation of the Annual Compliance Statement.

In respect of the price path we believe that the audit evidence provided is sufficient and appropriate to provide a basis for our audit opinion. As noted below, in respect of the 2012 reliability assessment we did not obtain sufficient and appropriate audit evidence with the consequence being that we have issued a disclaimer of opinion in respect of that part of the Annual Compliance Statement.

Limitations and Use of this Independent Auditor's Report

We disclaim any assumption of responsibility for any reliance on this report for any purpose other than that for which it was prepared.

Because of the inherent limitations in evidence gathering procedures, it is possible that fraud, error or non-compliance may occur and not be detected. As the procedures performed for this engagement are not performed continuously throughout the Assessment Period and the procedures performed in respect of the company's compliance with the Determination are undertaken on a test basis, our engagement cannot be relied on to detect all instances where the company may not have complied with the Determination. Our opinion has been formed on the above basis.

Independence

We have no relationship with, or interests in the company other than providing audit services for the following assignments: Aurora Energy Limited Disclosure Regulations and Aurora Energy Limited annual audit, which are compatible with those independence requirements.

Opinion on the Price Path Information

In our opinion, that part of the Annual Compliance Statement of Aurora Energy Limited for the Assessment Period ended on 31 March 2012 that relates to Price Path, has been prepared, in all material respects, in accordance with the Determination.

Disclaimer of Opinion on the 2012 Reliability Assessment

Reason for our disclaimer of opinion

As outlined in the note on page 9 about SCADA Data, records for service interruptions between 1 April and 14 August 2011 are not available and the company has been unable to provide us with information to support the underlying calculations of the 2012 SAIDI and SAIFI statistics.

Disclaimer of opinion

Because of the significance of the matter described in the "Reason for our disclaimer of opinion" paragraph above, we are unable to form an opinion on whether the SAIDI and SAIFI information for 2012 in the Annual Compliance Statement of Aurora Energy Limited for the Assessment Period ended on 31 March 2012, has been prepared, in all material respects, in accordance with the Determination.

Our audit was completed on 1 August 2012 and our opinion is expressed as at that date.



Ian Lothian
Audit New Zealand
On behalf of the Auditor-General
Dunedin, New Zealand

Matters relating to the electronic publication of the Annual Compliance Statement prepared under the Electricity Distribution Services Default Price-Quality Path Determination 2010

This audit report relates to the electronic publication of the Annual Compliance Statement prepared under Electricity Distribution Services Default Price-Quality Path Determination 2010 (the "Annual Compliance Statement") of Aurora Energy Limited (the company) for the Assessment Period ended on 31 March 2012.

We have not been engaged to report on the integrity of any website on which the Annual Compliance Statement has been published. We accept no responsibility for any changes that may have occurred to the Annual Compliance Statement since it was initially approved and published.

This audit report refers only to the Annual Compliance Statement named above. If readers of this audit report are concerned with the inherent risks arising from electronic data communication they should refer to the original published hard copy of the Annual Compliance Statement and related audit report dated 1 August 2012 to confirm the information included in the Annual Compliance Statement published on this website.

Legislation in New Zealand governing the preparation and dissemination of financial information may differ from legislation in other jurisdictions.

APPENDIX A – Aurora Summarised Notional Revenues

Area	Description	P _{i,2011}	Q _{i,2010}	P _{i,2012}	Q _{i,2010}	Reference table
Dunedin	Domestic fixed charges	\$	2,519,395	\$	2,519,395	A
	Domestic variable charges	\$	21,120,897	\$	22,494,776	B
	Non domestic fixed charges	\$	16,067,263	\$	16,557,521	C
	Street Lighting charges	\$	317,176	\$	324,865	D
	Non-standard charges	\$	113,667	\$	118,980	E
	<i>Sub-total</i>	\$	40,138,397	\$	42,015,536	
Clyde/Cromwell	Domestic fixed charges	\$	706,816	\$	706,816	F
	Domestic variable charges	\$	10,262,446	\$	11,064,676	G
	Non domestic fixed charges	\$	7,816,842	\$	8,187,425	H
	Street Lighting charges	\$	123,452	\$	133,893	I
	Non-standard charges	\$	421,559	\$	421,559	J
	<i>Sub-total</i>	\$	19,331,115	\$	20,514,369	
Frankton	Domestic fixed charges	\$	480,523	\$	480,523	K
	Domestic variable charges	\$	6,181,039	\$	6,868,717	L
	Non domestic fixed charges	\$	6,790,103	\$	7,118,184	M
	Street Lighting charges	\$	63,848	\$	66,813	N
	Prudent discount	-\$	89,070	-\$	90,414	
	<i>Sub-total</i>	\$	13,426,443	\$	14,443,822	
Heritage	Domestic fixed charges	\$	2,523	\$	2,523	O
	Domestic variable charges	\$	34,266	\$	35,753	P
	Non domestic fixed charges	\$	2,584	\$	2,613	Q
	Street Lighting charges	\$	2,336	\$	2,443	R
	<i>Sub-total</i>	\$	41,709	\$	43,334	
All	Total	\$	72,937,664	\$	77,017,061	

APPENDIX B – Aurora Notional Revenues by Tariff

Dunedin Pricing Area

Table A: Dunedin Domestic fixed charges			t-1 period				t period					
Load Group	Description	Code	Q _{i,2010}	P _{i,2011}	P _{i,2011}	Q _{i,2010}	Q _{i,2010}	P _{i,2012}	P _{i,2012}	Q _{i,2010}		
Standard Domestic 15	HWB/SDNStandard Domestic 15TOTAL	SHSD15	45,883	\$	54.73	\$	2,511,158	45,883	\$	54.73	\$	2,511,158
Standard Domestic 8	HWB/SDNStandard Domestic 8TOTAL	SHSD8	549	\$	15.00	\$	8,236	549	\$	15.00	\$	8,236
SUM						\$	2,519,395			\$		2,519,395

Table B: Dunedin Domestic variable charges			t-1 period				t period					
Load Group	Description	Code	Q _{i,2010}	P _{i,2011}	P _{i,2011}	Q _{i,2010}	Q _{i,2010}	P _{i,2012}	P _{i,2012}	Q _{i,2010}		
Standard Domestic DN	General Purpose (Summer)	010S	7,745,331	\$	0.0600	\$	464,720	7,745,331	\$	0.0661	\$	511,966
Standard Domestic DN	General Purpose (Winter)	010W	9,217,999	\$	0.0897	\$	826,855	9,217,999	\$	0.0995	\$	917,191
Standard Domestic DN	Seasonal Day (Summer)	011S	861,349	\$	0.0595	\$	51,250	861,349	\$	0.0651	\$	56,074
Standard Domestic DN	Seasonal Day (Winter)	011W	1,090,205	\$	0.0886	\$	96,592	1,090,205	\$	0.0976	\$	106,404
Standard Domestic DN	Seasonal Night (Summer)	012S	636,260	\$	0.0054	\$	3,436	636,260	\$	0.0037	\$	2,354
Standard Domestic DN	Seasonal Night (Winter)	012W	966,228	\$	0.0054	\$	5,218	966,228	\$	0.0037	\$	3,575
Standard Domestic DN	General Purpose & 16 hour Water Heat (Summer)	017S	186,123,829	\$	0.0392	\$	7,296,054	186,123,829	\$	0.0417	\$	7,761,364
Standard Domestic DN	General Purpose & 16 hour Water Heat (Winter)	017W	208,163,757	\$	0.0589	\$	12,260,845	208,163,757	\$	0.0626	\$	13,031,051
Standard Domestic DN	Night + 3 hour other load	024	3,897,831	\$	0.0194	\$	75,618	3,897,831	\$	0.0198	\$	77,177
Standard Domestic DN	Night Rate	028	7,464,711	\$	0.0054	\$	40,309	7,464,711	\$	0.0037	\$	27,619
SUM						\$	21,120,897			\$	22,494,776	

Table C: Dunedin Non-domestic fixed charges			t-1 period				t period					
Load Group	Description	Code	Q _{i,2010}	P _{i,2011}	P _{i,2011}	Q _{i,2010}	Q _{i,2010}	P _{i,2012}	P _{i,2012}	Q _{i,2010}		
LO	HWB/SDNLoad Group 0TOTAL	SH0	85	\$	153.24	\$	12,949	85	\$	160.01	\$	13,521
LOA	HWB/SDNLoad Group 0ATOTAL	SH0A	97	\$	322.52	\$	31,150	97	\$	337.00	\$	32,549
Load Group 1A	HWB/SDNLoad Group 1ATOTAL	SH1A-FIXD	318	\$	9.93	\$	3,161	318	\$	9.88	\$	3,145
Load Group 1A	HWB/SDNLoad Group 1ACAPACITY TOTAL	SH1A-CAPY	2,547	\$	15.86	\$	40,390	2,547	\$	17.68	\$	45,025
Load Group 1A	HWB/SDNLoad Group 1ACPD TOTAL	SH1A-CONG	315	\$	143.77	\$	45,218	315	\$	152.93	\$	48,099
Load Group 1	HWB/SDNLoad Group 1TOTAL	SH1-FIXD	3,153	\$	9.93	\$	31,310	3,153	\$	9.88	\$	31,152
Load Group 1	HWB/SDNLoad Group 1CAPACITY TOTAL	SH1-CAPY	47,296	\$	13.62	\$	644,175	47,296	\$	15.34	\$	725,524
Load Group 1	HWB/SDNLoad Group 1CPD TOTAL	SH1-CONG	7,917	\$	143.77	\$	1,138,155	7,917	\$	152.93	\$	1,210,670
Load Group 2	HWB/SDNLoad Group 2TOTAL	SH2-FIXD	2,888	\$	19.48	\$	56,255	2,888	\$	19.36	\$	55,908
Load Group 2	HWB/SDNLoad Group 2CAPACITY TOTAL	SH2-CAPY	147,128	\$	16.68	\$	2,454,098	147,128	\$	16.06	\$	2,362,878
Load Group 2	HWB/SDNLoad Group 2CPD TOTAL	SH2-CONG	25,701	\$	143.90	\$	3,698,358	25,701	\$	152.93	\$	3,930,437
Load Group 2	HWB/SDNLoad Group 2OTHER TOTAL	SH2-OTHER	2,873	\$	1.00	\$	2,873	2,873	\$	1.00	\$	2,873
Load Group 3	HWB/SDNLoad Group 3TOTAL	SH3-FIXD	99	\$	390.00	\$	38,513	99	\$	388.00	\$	38,315
Load Group 3	HWB/SDNLoad Group 3CAPACITY TOTAL	SH3-CAPY	19,242	\$	28.10	\$	540,688	19,242	\$	27.84	\$	535,686
Load Group 3	HWB/SDNLoad Group 3KVA KM	SH3-DIST	103,056	\$	0.27	\$	27,825	103,056	\$	0.27	\$	27,825
Load Group 3	HWB/SDNLoad Group 3CPD TOTAL	SH3-CONG	5,791	\$	115.23	\$	667,249	5,791	\$	119.10	\$	689,658
Load Group 3	HWB/SDNLoad Group 3OTHER TOTAL	SH3-OTHER	745	\$	1.00	\$	745	745	\$	1.00	\$	745
Load Group 3A	HWB/SDNLoad Group 3ATOTAL	SH3A-FIXD	87	\$	390.00	\$	34,093	87	\$	388.00	\$	33,918
Load Group 3A	HWB/SDNLoad Group 3ACAPACITY TOTAL	SH3A-CAPY	27,750	\$	26.27	\$	728,984	27,750	\$	26.02	\$	722,046
Load Group 3A	HWB/SDNLoad Group 3AKVA KM	SH3A-DIST	156,184	\$	0.27	\$	42,170	156,184	\$	0.27	\$	42,170
Load Group 3A	HWB/SDNLoad Group 3ACPD TOTAL	SH3A-CONG	9,804	\$	115.23	\$	1,129,657	9,804	\$	119.10	\$	1,167,597
Load Group 3A	HWB/SDNLoad Group 3AOTHER TOTAL	SH3A-OTHER	2,160	\$	1.00	\$	2,160	2,160	\$	1.00	\$	2,160
Load Group 4	HWB/SDNLoad Group 4TOTAL	SH4-FIXD	71	\$	980.00	\$	69,988	71	\$	975.00	\$	69,631
Load Group 4	HWB/SDNLoad Group 4CAPACITY TOTAL	SH4-CAPY	53,123	\$	14.36	\$	762,844	53,123	\$	13.02	\$	691,659
Load Group 4	HWB/SDNLoad Group 4KVA KM	SH4-DIST	288,492	\$	0.27	\$	77,893	288,492	\$	0.27	\$	77,893
Load Group 4	HWB/SDNLoad Group 4CPD TOTAL	SH4-CONG	16,720	\$	109.76	\$	1,835,215	16,720	\$	119.74	\$	2,002,083
Load Group 4	HWB/SDNLoad Group 4OTHER TOTAL	SH4-OTHER	312,753	\$	1.00	\$	312,753	312,753	\$	1.02	\$	320,381
Load Group 5	HWB/SDNLoad Group 5TOTAL	SH5-FIXD	7	\$	980.00	\$	6,615	7	\$	975.00	\$	6,581
Load Group 5	HWB/SDNLoad Group 5CAPACITY TOTAL	SH5-CAPY	31,096	\$	12.11	\$	376,571	31,096	\$	9.92	\$	308,471
Load Group 5	HWB/SDNLoad Group 5KVA KM	SH5-DIST	281,896	\$	0.27	\$	76,112	281,896	\$	0.27	\$	76,112
Load Group 5	HWB/SDNLoad Group 5CPD TOTAL	SH5-CONG	11,187	\$	97.40	\$	1,089,654	11,187	\$	106.45	\$	1,190,901
Load Group 5	HWB/SDNLoad Group 5OTHER TOTAL	SH5-OTHER	101,000	\$	1.00	\$	101,000	101,000	\$	1.02	\$	103,463
SUM					\$	16,067,263			\$	16,557,521		

Table D: Dunedin Street Lighting charges			t-1 period				t period					
Load Group	Description	Code	Q _{i,2010}	P _{i,2011}	P _{i,2011}	Q _{i,2010}	Q _{i,2010}	P _{i,2012}	P _{i,2012}	Q _{i,2010}		
Street Lighting	Street Lighting	SDNSTL	1	\$	108,070.00	\$	108,070	1	\$	107,884.00	\$	107,884
Street Lighting	Street Lighting	HWBSTL	1	\$	209,106.00	\$	209,106	1	\$	216,981.00	\$	216,981
SUM						\$	317,176				\$	324,865

Table E: Dunedin Non-standard charges			t-1 period				t period					
Load Group	Description	Code	Q _{i,2010}	P _{i,2011}	P _{i,2011}	Q _{i,2010}	Q _{i,2010}	P _{i,2012}	P _{i,2012}	Q _{i,2010}		
Non-standard	Generation	ICP AAA	1	\$	113,666.64	\$	113,667	1	\$	118,980.00	\$	118,980
SUM						\$	113,667			\$	118,980	

Clyde/Cromwell Pricing Area

Table F: Clyde/Cromwell Domestic fixed charges			t-1 period			t period		
Load Group	Description	Code	Q _{1,2010}	P _{1,2011}	P _{1,2011} Q _{1,2010}	Q _{1,2010}	P _{1,2012}	P _{1,2012} Q _{1,2010}
Standard Domestic 15	CYD/CMLStandard Domestic 15TOTAL	CCSD15	12,900	\$ 54.73	\$ 706,012	12,900	\$ 54.73	\$ 706,012
Standard Domestic 8	CYD/CMLStandard Domestic 8TOTAL	CCSD8	54	\$ 15.00	\$ 804	54	\$ 15.00	\$ 804
SUM					\$ 706,816			\$ 706,816

Table G: Clyde/Cromwell Domestic variable charges			t-1 period			t period		
Load Group	Description	Code	Q _{1,2010}	P _{1,2011}	P _{1,2011} Q _{1,2010}	Q _{1,2010}	P _{1,2012}	P _{1,2012} Q _{1,2010}
Standard Domestic CYD/CML	General Purpose (Summer)	101S	30,361,726	\$ 0.0994	\$ 3,017,956	30,361,726	\$ 0.1075	\$ 3,263,886
Standard Domestic CYD/CML	General Purpose (Winter)	101W	37,388,072	\$ 0.1489	\$ 5,567,084	37,388,072	\$ 0.1612	\$ 6,026,957
Standard Domestic CYD/CML	Night + 5 hour other load	103	963,818	\$ 0.0668	\$ 64,383	963,818	\$ 0.0713	\$ 68,720
Standard Domestic CYD/CML	Night + 3 hour other load	104	2,987,436	\$ 0.0509	\$ 152,060	2,987,436	\$ 0.0538	\$ 160,724
Standard Domestic CYD/CML	Std Water Heating 16hour	106	24,243,122	\$ 0.0570	\$ 1,381,858	24,243,122	\$ 0.0603	\$ 1,461,860
Standard Domestic CYD/CML	Night rate	108	1,284,894	\$ 0.0360	\$ 46,256	1,284,894	\$ 0.0370	\$ 47,541
Standard Domestic CYD/CML	Peak Water Heating 20 hour	109	403,543	\$ 0.0814	\$ 32,848	403,543	\$ 0.0867	\$ 34,987
SUM					\$ 10,262,446			\$ 11,064,676

Table H: Clyde/Cromwell Non-domestic fixed charges			t-1 period			t period		
Load Group	Description	Code	Q _{1,2010}	P _{1,2011}	P _{1,2011} Q _{1,2010}	Q _{1,2010}	P _{1,2012}	P _{1,2012} Q _{1,2010}
LO	CYD/CMLLoad Group 0TOTAL	CC0	123	\$ 216.20	\$ 26,503	123	\$ 231.29	\$ 28,352
LOA	CYD/CMLLoad Group 0ATOTAL	CC0A	198	\$ 438.14	\$ 86,606	198	\$ 472.31	\$ 93,360
Load Group 1A	CYD/CMLLoad Group 1ATOTAL	CC1A-FIXD	170	\$ 12.17	\$ 2,066	170	\$ 12.61	\$ 2,141
Load Group 1A	CYD/CMLLoad Group 1ACAPACITY TOTAL	CC1A-CAPY	1,358	\$ 25.44	\$ 34,548	1,358	\$ 26.93	\$ 36,571
Load Group 1A	CYD/CMLLoad Group 1ACPD TOTAL	CC1A-CONG	154	\$ 226.11	\$ 34,851	154	\$ 249.26	\$ 38,419
Load Group 1	CYD/CMLLoad Group 1TOTAL	CC1-FIXD	1,701	\$ 12.17	\$ 20,696	1,701	\$ 12.61	\$ 21,444
Load Group 1	CYD/CMLLoad Group 1CAPACITY TOTAL	CC1-CAPY	25,509	\$ 22.51	\$ 574,202	25,509	\$ 23.75	\$ 605,833
Load Group 1	CYD/CMLLoad Group 1CPD TOTAL	CC1-CONG	3,269	\$ 226.11	\$ 739,108	3,269	\$ 249.26	\$ 814,781
Load Group 2	CYD/CMLLoad Group 2TOTAL	CC2-FIXD	1,376	\$ 24.34	\$ 33,480	1,376	\$ 25.22	\$ 34,690
Load Group 2	CYD/CMLLoad Group 2CAPACITY TOTAL	CC2-CAPY	71,815	\$ 26.05	\$ 1,870,768	71,815	\$ 27.10	\$ 1,946,173
Load Group 2	CYD/CMLLoad Group 2CPD TOTAL	CC2-CONG	8,646	\$ 218.48	\$ 1,889,009	8,646	\$ 234.95	\$ 2,031,411
Load Group 2	CYD/CMLLoad Group 2OTHER TOTAL	CC2-OTHER	10,888	\$ 1.00	\$ 10,888	10,888	\$ 1.00	\$ 10,888
Load Group 3	CYD/CMLLoad Group 3TOTAL	CC3-FIXD	51	\$ 488.00	\$ 24,685	51	\$ 505.00	\$ 25,545
Load Group 3	CYD/CMLLoad Group 3CAPACITY TOTAL	CC3-CAPY	9,275	\$ 39.40	\$ 365,445	9,275	\$ 34.93	\$ 323,984
Load Group 3	CYD/CMLLoad Group 3KVA KM	CC3-DIST	310,553	\$ 0.33	\$ 102,483	310,553	\$ 0.34	\$ 105,588
Load Group 3	CYD/CMLLoad Group 3CPD TOTAL	CC3-CONG	1,449	\$ 223.43	\$ 323,713	1,449	\$ 264.04	\$ 382,550
Load Group 3	CYD/CMLLoad Group 3OTHER TOTAL	CC3-OTHER	10,926	\$ 1.00	\$ 10,926	10,926	\$ 1.00	\$ 10,926
Load Group 3A	CYD/CMLLoad Group 3ATOTAL	CC3A-FIXD	27	\$ 488.00	\$ 13,379	27	\$ 505.00	\$ 13,845
Load Group 3A	CYD/CMLLoad Group 3ACAPACITY TOTAL	CC3A-CAPY	8,279	\$ 36.48	\$ 302,000	8,279	\$ 31.91	\$ 264,167
Load Group 3A	CYD/CMLLoad Group 3AKVA KM	CC3A-DIST	243,433	\$ 0.33	\$ 80,333	243,433	\$ 0.34	\$ 82,767
Load Group 3A	CYD/CMLLoad Group 3ACPD TOTAL	CC3A-CONG	1,762	\$ 223.43	\$ 393,665	1,762	\$ 264.04	\$ 465,216
Load Group 3A	CYD/CMLLoad Group 3AOTHER TOTAL	CC3A-OTHER	5,945	\$ 1.00	\$ 5,945	5,945	\$ 1.00	\$ 5,945
Load Group 4	CYD/CMLLoad Group 4TOTAL	CC4-FIXD	13	\$ 1,280.00	\$ 16,320	13	\$ 1,326.00	\$ 16,907
Load Group 4	CYD/CMLLoad Group 4CAPACITY TOTAL	CC4-CAPY	9,225	\$ 27.95	\$ 257,839	9,225	\$ 20.76	\$ 191,511
Load Group 4	CYD/CMLLoad Group 4KVA KM	CC4-DIST	407,191	\$ 0.33	\$ 134,373	407,191	\$ 0.34	\$ 138,445
Load Group 4	CYD/CMLLoad Group 4CPD TOTAL	CC4-CONG	2,417	\$ 200.93	\$ 485,732	2,417	\$ 214.23	\$ 517,883
Load Group 4	CYD/CMLLoad Group 4OTHER TOTAL	CC4-OTHER	32,800	\$ 1.00	\$ 32,800	32,800	\$ 1.02	\$ 33,600
Load Group 5	CYD/CMLLoad Group 5TOTAL	CC5-FIXD	-	\$ 1,280.00	\$ -	-	\$ 1,326.00	\$ -
Load Group 5	CYD/CMLLoad Group 5CAPACITY TOTAL	CC5-CAPY	-	\$ 20.33	\$ -	-	\$ 17.47	\$ -
Load Group 5	CYD/CMLLoad Group 5KVA KM	CC5-DIST	-	\$ 0.33	\$ -	-	\$ 0.34	\$ -
Load Group 5	CYD/CMLLoad Group 5CPD TOTAL	CC5-CONG	-	\$ 181.10	\$ -	-	\$ 204.19	\$ -
Load Group 5	CYD/CMLLoad Group 5OTHER TOTAL	CC5-OTHER	-	\$ 1.00	\$ -	-	\$ 1.02	\$ -
SUM					\$ 7,816,842			\$ 8,187,425

Table I: Clyde/Cromwell Street Lighting charges			t-1 period			t period		
Load Group	Description	Code	Q _{1,2010}	P _{1,2011}	P _{1,2011} Q _{1,2010}	Q _{1,2010}	P _{1,2012}	P _{1,2012} Q _{1,2010}
Street Lighting kWh CYD/CML	Street Lighting kWh	110	1,657,215	\$ 0.0487	\$ 80,706	1,657,215	\$ 0.0550	\$ 91,147
Street Lighting Lamps CYD/CML	Street Lighting Lamps	CCSTL	3,562	\$ 12.00	\$ 42,746	3,562	\$ 12.00	\$ 42,746
SUM					\$ 123,452			\$ 133,893

Table J: Clyde/Cromwell Non standard charges			t-1 period			t period		
Load Group	Description	Code	Q _{1,2010}	P _{1,2011}	P _{1,2011} Q _{1,2010}	Q _{1,2010}	P _{1,2012}	P _{1,2012} Q _{1,2010}
Non standard	Generation	8 ICPs	1	\$ 421,559.00	\$ 421,559	1	\$ 421,559.00	\$ 421,559
SUM					\$ 421,559			\$ 421,559

Frankton Pricing Area

Table K: Frankton Domestic fixed charges			t-1 period				t period					
Load Group	Description	Code	Q _{i,2010}	P _{i,2011}	P _{i,2011}	Q _{i,2010}	Q _{i,2010}	P _{i,2012}	P _{i,2012}	Q _{i,2010}		
Standard Domestic 15	FKNStandard Domestic 15TOTAL	FRSD15	8,774	\$	54.73	\$	480,210	8,774	\$	54.73	\$	480,210
Standard Domestic 8	FKNStandard Domestic 8TOTAL	FRSD8	21	\$	15.00	\$	313	21	\$	15.00	\$	313
SUM						\$	480,523			\$		480,523

Table L: Frankton Domestic variable charges			t-1 period				t period					
Load Group	Description	Code	Q _{i,2010}	P _{i,2011}	P _{i,2011}	Q _{i,2010}	Q _{i,2010}	P _{i,2012}	P _{i,2012}	Q _{i,2010}		
Standard Domestic FKN	General Purpose (Summer)	201S	22,133,728	\$	0.0755	\$	1,671,096	22,133,728	\$	0.0836	\$	1,850,380
Standard Domestic FKN	General Purpose (Winter)	201W	33,051,302	\$	0.1130	\$	3,734,797	33,051,302	\$	0.1255	\$	4,147,938
Standard Domestic FKN	Night + 5 hour other load	203	2,582,159	\$	0.0373	\$	96,315	2,582,159	\$	0.0414	\$	106,901
Standard Domestic FKN	Night + 3 hour other load	204	1,947,041	\$	0.0240	\$	46,729	1,947,041	\$	0.0239	\$	46,534
Standard Domestic FKN	Std Water Heating 16 hour	206	21,938,124	\$	0.0266	\$	583,554	21,938,124	\$	0.0304	\$	666,919
Standard Domestic FKN	Night rate	208	1,394,097	\$	0.0118	\$	16,450	1,394,097	\$	0.0109	\$	15,196
Standard Domestic FKN	Peak Water Heating 20 hour	209	611,378	\$	0.0525	\$	32,097	611,378	\$	0.0570	\$	34,849
SUM						\$	6,181,039			\$	6,868,717	

Table M: Frankton Non-domestic fixed charges			t-1 period				t period					
Load Group	Description	Code	Q _{i,2010}	P _{i,2011}	P _{i,2011}	Q _{i,2010}	Q _{i,2010}	P _{i,2012}	P _{i,2012}	Q _{i,2010}		
Load Group 0	FKNLoad Group 0TOTAL	FR0	83	\$	173.04	\$	14,348	83	\$	185.06	\$	15,345
Load Group 0A	FKNLoad Group 0ATOTAL	FR0A	101	\$	336.92	\$	34,057	101	\$	363.42	\$	36,736
Load Group 1A	FKNLoad Group 1ATOTAL	FR1A-FIXD	119	\$	10.82	\$	1,282	119	\$	10.96	\$	1,299
Load Group 1A	FKNLoad Group 1ACAPACITY TOTAL	FR1A-CAPY	948	\$	22.76	\$	21,576	948	\$	24.21	\$	22,951
Load Group 1A	FKNLoad Group 1ACPD TOTAL	FR1A-CONG	133	\$	147.83	\$	19,700	133	\$	162.65	\$	21,674
Load Group 1	FKNLoad Group 1TOTAL	FR1-FIXD	854	\$	10.82	\$	9,245	854	\$	10.96	\$	9,364
Load Group 1	FKNLoad Group 1CAPACITY TOTAL	FR1-CAPY	12,816	\$	21.63	\$	277,215	12,816	\$	22.78	\$	291,954
Load Group 1	FKNLoad Group 1CPD TOTAL	FR1-CONG	2,601	\$	147.83	\$	384,480	2,601	\$	162.65	\$	423,024
Load Group 2	FKNLoad Group 2TOTAL	FR2-FIXD	1,177	\$	17.59	\$	20,696	1,177	\$	17.82	\$	20,967
Load Group 2	FKNLoad Group 2CAPACITY TOTAL	FR2-CAPY	57,095	\$	20.77	\$	1,185,863	57,095	\$	21.56	\$	1,230,968
Load Group 2	FKNLoad Group 2CPD TOTAL	FR2-CONG	10,032	\$	173.41	\$	1,739,610	10,032	\$	181.72	\$	1,822,974
Load Group 2	FKNLoad Group 2OTHER TOTAL	FR2-OTHER	3,988	\$	1.00	\$	3,988	3,988	\$	1.00	\$	3,988
Load Group 3	FKNLoad Group 3TOTAL	FR3-FIXD	37	\$	399.00	\$	14,929	37	\$	404.00	\$	15,116
Load Group 3	FKNLoad Group 3CAPACITY TOTAL	FR3-CAPY	6,103	\$	42.66	\$	260,333	6,103	\$	44.95	\$	274,307
Load Group 3	FKNLoad Group 3KVA KM	FR3-DIST	74,758	\$	0.32	\$	23,922	74,758	\$	0.32	\$	23,922
Load Group 3	FKNLoad Group 3CPD TOTAL	FR3-CONG	1,692	\$	135.30	\$	228,883	1,692	\$	149.66	\$	253,175
Load Group 3	FKNLoad Group 3OTHER TOTAL	FR3-OTHER	4,101	\$	1.00	\$	4,101	4,101	\$	1.00	\$	4,101
Load Group 3A	FKNLoad Group 3ATOTAL	FR3A-FIXD	35	\$	399.00	\$	13,965	35	\$	404.00	\$	14,140
Load Group 3A	FKNLoad Group 3ACAPACITY TOTAL	FR3A-CAPY	10,965	\$	40.51	\$	444,199	10,965	\$	42.77	\$	468,980
Load Group 3A	FKNLoad Group 3AKVA KM	FR3A-DIST	126,462	\$	0.32	\$	40,468	126,462	\$	0.32	\$	40,468
Load Group 3A	FKNLoad Group 3ACPD TOTAL	FR3A-CONG	3,305	\$	135.30	\$	447,212	3,305	\$	149.66	\$	494,676
Load Group 3A	FKNLoad Group 3AOTHER TOTAL	FR3A-OTHER	541	\$	1.00	\$	541	541	\$	1.00	\$	541
Load Group 4	FKNLoad Group 4TOTAL	FR4-FIXD	20	\$	1,050.00	\$	21,263	20	\$	1,065.00	\$	21,566
Load Group 4	FKNLoad Group 4CAPACITY TOTAL	FR4-CAPY	13,608	\$	33.62	\$	457,512	13,608	\$	31.56	\$	429,479
Load Group 4	FKNLoad Group 4KVA KM	FR4-DIST	144,817	\$	0.32	\$	46,341	144,817	\$	0.32	\$	46,341
Load Group 4	FKNLoad Group 4CPD TOTAL	FR4-CONG	5,723	\$	134.32	\$	768,725	5,723	\$	140.67	\$	805,066
Load Group 4	FKNLoad Group 4OTHER TOTAL	FR4-OTHER	84,500	\$	1.00	\$	84,500	84,500	\$	1.02	\$	86,561
Load Group 5	FKNLoad Group 5TOTAL	FR5-FIXD	1	\$	1,050.00	\$	1,050	1	\$	1,065.00	\$	1,065
Load Group 5	FKNLoad Group 5CAPACITY TOTAL	FR5-CAPY	4,500	\$	20.51	\$	92,295	4,500	\$	21.25	\$	95,625
Load Group 5	FKNLoad Group 5KVA KM	FR5-DIST	56,160	\$	0.32	\$	17,971	56,160	\$	0.32	\$	17,971
Load Group 5	FKNLoad Group 5CPD TOTAL	FR5-CONG	1,064	\$	119.44	\$	127,094	1,064	\$	132.60	\$	141,097
Load Group 5	FKNLoad Group 5OTHER TOTAL	FR5-OTHER	-	\$	1.00	\$	-	-	\$	1.02	\$	-
SUM						\$	6,790,103			\$		7,118,184

Table N: Frankton Street Lighting charges			t-1 period				t period					
Load Group	Description	Code	Q _{i,2010}		P _{i,2011}	P _{i,2011}	Q _{i,2010}	Q _{i,2010}		P _{i,2012}	P _{i,2012}	Q _{i,2010}
Street Lighting kWh FKN	Street Lighting kWh	210	1,022,476	\$	0.0355	\$	36,298	1,022,476	\$	0.0384	\$	39,263
Street Lighting Lamps FKN	Street Lighting Lamps	FRSTL	2,296	\$	12.00	\$	27,550	2,296	\$	12.00	\$	27,550
SUM						\$	63,848				\$	66,813

Heritage Estate Pricing Area

Table O: Heritage Domestic fixed charges			t-1 period				t period					
Load Group	Description	Code	Q _{i,2010}	P _{i,2011}	P _{i,2011}	Q _{i,2010}	Q _{i,2010}	P _{i,2012}	P _{i,2012}	Q _{i,2010}		
Standard Domestic 15	HERITAGEStandard Domestic 15TOTAL	HESD15	46	\$	54.73	\$	2,508	46	\$	54.73	\$	2,508
Standard Domestic 8	HERITAGEStandard Domestic 8TOTAL	HESD8	1	\$	15.00	\$	15	1	\$	15.00	\$	15
SUM						\$	2,523			\$		2,523

Table P: Heritage Domestic variable charges			t-1 period				t period					
Load Group	Description	Code	Q _{i,2010}	P _{i,2011}	P _{i,2011}	Q _{i,2010}	Q _{i,2010}	P _{i,2012}	P _{i,2012}	Q _{i,2010}		
Standard Domestic Heritage	General Purpose (Summer)	401S	119,775	\$	0.0875	\$	10,480	119,775	\$	0.0922	\$	11,043
Standard Domestic Heritage	General Purpose (Winter)	401W	154,748	\$	0.1314	\$	20,334	154,748	\$	0.1380	\$	21,355
Standard Domestic Heritage	Night + 3 hour other load	404	4,212	\$	0.0387	\$	163	4,212	\$	0.0381	\$	160
Standard Domestic Heritage	Std Water Heating 16 hour	406	68,837	\$	0.0440	\$	3,029	68,837	\$	0.0427	\$	2,939
Standard Domestic Heritage	Night Rate	408	9,513	\$	0.0273	\$	260	9,513	\$	0.0268	\$	255
SUM						\$	34,266			\$		35,753

Table Q: Heritage Non domestic fixed charges			t-1 period				t period					
Load Group	Description	Code	Q _{i,2010}	P _{i,2011}	P _{i,2011}	Q _{i,2010}	Q _{i,2010}	P _{i,2012}	P _{i,2012}	Q _{i,2010}		
Load Group 0	HERITAGELoad Group 0TOTAL	HE0	1	\$	187.88	\$	188	1	\$	192.66	\$	193
Load Group 0A	HERITAGELoad Group 0ATOTAL	HE0A	4	\$	380.89	\$	1,651	4	\$	393.43	\$	1,705
Load Group 1	HERITAGELoad Group 1ATOTAL	HE1A-FIXD	-	\$	10.56	\$	-	-	\$	10.50	\$	-
Load Group 1	HERITAGELoad Group 1ACAPACITY TOTAL	HE1A-CAPY	-	\$	22.26	\$	-	-	\$	22.43	\$	-
Load Group 1	HERITAGELoad Group 1ACPD TOTAL	HE1A-CONG	-	\$	196.64	\$	-	-	\$	207.63	\$	-
Load Group 1A	HERITAGELoad Group 1ITOTAL	HE1-FIXD	-	\$	10.56	\$	-	-	\$	10.50	\$	-
Load Group 1A	HERITAGELoad Group 1CAPACITY TOTAL	HE1-CAPY	-	\$	19.54	\$	-	-	\$	19.78	\$	-
Load Group 1A	HERITAGELoad Group 1CPD TOTAL	HE1-CONG	-	\$	196.64	\$	-	-	\$	207.63	\$	-
Load Group 2	HERITAGELoad Group 2TOTAL	HE2-FIXD	1	\$	21.12	\$	21	1	\$	21.01	\$	21
Load Group 2	HERITAGELoad Group 2CAPACITY TOTAL	HE2-CAPY	24	\$	24.20	\$	581	24	\$	22.57	\$	542
Load Group 2	HERITAGELoad Group 2CPD TOTAL	HE2-CONG	1	\$	183.92	\$	144	1	\$	195.61	\$	153
Load Group 2	HERITAGELoad Group 2OTHER TOTAL	HE2-OTHER	-	\$	1.00	\$	-	-	\$	1.00	\$	-
SUM					\$	2,584			\$		\$	2,613

Table R: Heritage Street Lighting charges			t-1 period				t period					
Load Group	Description	Code	Q _{i,2010}	P _{i,2011}	P _{i,2011}	Q _{i,2010}	Q _{i,2010}	P _{i,2012}	P _{i,2012}	Q _{i,2010}		
Street Lighting kWh	Street Lighting kWh	410	22,955	\$	0.0594	\$	1,364	22,955	\$	0.0641	\$	1,471
Street Lighting Lamps	Street Lighting Lamps	HESTL	81	\$	12.0000	\$	972	81	\$	12.0000	\$	972
SUM						\$	2,336			\$		2,443

