



## *Annual Compliance Statement by Aurora Energy Limited as at 31 March 2011*

Pursuant to the  
*COMMERCE ACT (ELECTRICITY DISTRIBUTION DEFAULT PRICE-QUALITY PATH)  
DETERMINATION 2010 and subsequent amendments*

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Date: 29 June 2011

***Information Disclosure Disclaimer***

*Information disclosed in this document has been prepared solely for the purposes of the Commerce Act (Electricity Distribution Default Price-Quality Path) Determination 2010.*

*The information should not be used for any other purpose than that intended under the Determination.*

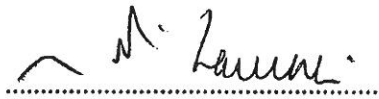
*The information disclosed is for the lines business as described in the Determination. There are other activities of the Company that are not required to be reported under the Determination*

**A CERTIFICATION OF ANNUAL COMPLIANCE STATEMENT**

We, Raymond Stuart Polson 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 Commerce Act (Electricity Distribution Default Price-Quality Path) Determination 2010 are true and accurate:



Raymond Stuart Polson



Stuart James McLauchlan

29 June 2011

Aurora Energy Limited complies with all the requirements for the price path at 31 March 2011 as specified in the Commerce Act (Electricity Distribution Default Price-Quality Path) Determination 2010.

## B PRICE PATH

Compliance with the price path is required and Aurora complies with the price path.

**Clause 8.4** - The Notional Revenue ( $NR_{2011}$ ) of a non-exempt Electricity Distribution Business at any time during the Assessment Period must not exceed the Allowable Notional Revenue ( $R_{2011}$ ) for the Assessment Period.

<b>Test:</b>	$\frac{NR_{2011}}{R_{2011}} \leq 1$
<b>Result:</b>	$\$50,159,226 / \$50,399,800 < 1$
<b>Result:</b>	$0.9952 < 1$
<b>Result:</b>	Price Path is not exceeded

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

*Appendix A* → This sheet shows how Allowable Notional Revenue and Notional Revenue is calculated, details of actual Pass through costs and forecast Pass through costs at time prices were set in January 2010.

Detailed calculations of the  $\sum P_{i,2011} Q_{i,2009}$  at 31 March 2011 are attached, being:

⇒ the maximum  $\sum P_{i,2011} Q_{i,2009}$  during the period 1 April 2010 to 31 March 2011

*Appendix B* → This sheet shows  $\sum P_{i,2010} Q_{i,2009}$  for the prices at 31 March 2010 and 1 April 2010 and summarises revenues from appendices C and D.

*Appendix C* → Supporting calculations for the summary sheet ex Gentrack invoicing.

*Appendix D* → Supporting calculations for the summary sheet for variable charges ex retailers' sales reports.

## Transmission Charges

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

- Transpower Connection, Interconnection, and New Investment charges.
- Avoided transmission charges paid to distributed generators.

Loss and Constraint Rental Rebates for off take grid exit points 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 input grid exit points are excluded as these are recovered / passed through to distributed generators.

## C QUALITY STANDARD

Compliance with the Quality Standard is not required to be reported upon at the end of the first Assessment Period being 31 March 2011 as the results from at least two Assessment Periods are required.

The Quality Standards have been calculated for the reference period - 1 April 2004 to 31 March 2009 and are stated below.

SAIDI<sub>Limit</sub> = 98.29 minutes

SAIFI<sub>Limit</sub> = 1.67

An Annual Reliability Assessment for the Assessment Period ending 31 March 2011 has been calculated and audited in preparation for the 2012 Compliance Statement.

SAIDI<sub>Assess,2011</sub> = 110.95 minutes

SAIFI<sub>Assess,2011</sub> = 1.48



## D 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.

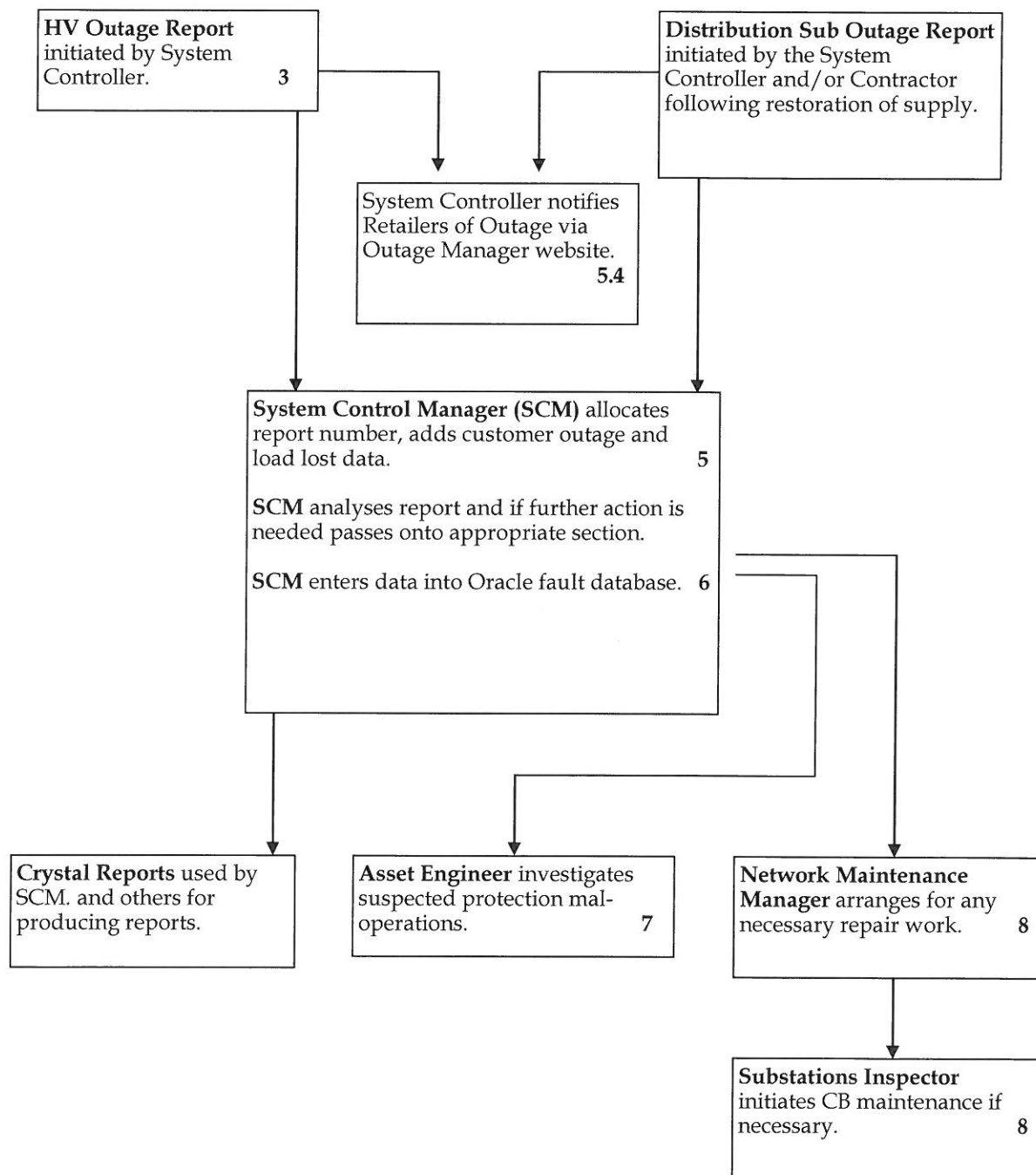


Figure 1 - Flow Diagram for Processing Outage Reports



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. The System Control Manager also peruses 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. He 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 Network Services 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.



## **INDEPENDENT AUDITOR'S REPORT**

### **TO THE READERS OF THE ANNUAL COMPLIANCE STATEMENT OF AURORA ENERGY LIMITED FOR THE ASSESSMENT PERIOD ENDED ON 31 MARCH 2011**

The Auditor-General is the auditor of Aurora Energy Limited (the company). The Auditor-General has appointed me, Bruce Loader, using the staff and resources of Ernst & Young, to provide an opinion, on her behalf, on the company's Annual Compliance Statement for the assessment period ended on 31 March 2011 on pages 2 to 5 and 9 to 18, regarding compliance with the Commerce Act (Electricity Distribution Default Price-Quality Path) Determination 2010.

We have audited the Annual Compliance Statement in respect of the default price-quality path prepared by the company for the assessment period ended on 31 March 2011 and dated 29 June 2011 for the purposes of clause 11 of the Commerce Act (Electricity Distribution Default Price-Quality Path) Determination 2010 ("the Determination").

#### **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 New Zealand Institute of Chartered Accountants 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.

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 9 to 17 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 2011, 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 page 18 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 whether adequate information has been disclosed in accordance with clause 11.1(b) of the Determination.

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

#### **Limitations and Use of this Independent Auditor's Report**

This independent auditor's report has been prepared solely for the Directors of Aurora Energy Limited and the Commissioners of the New Zealand Commerce Commission in accordance with the Determination. We disclaim any assumption of responsibility for any reliance on this report to any persons or users other than the Directors of Aurora Energy Limited and the Commissioners, or 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 other regulatory assurance and corporate finance services.

## Opinion

In our opinion, the Annual Compliance Statement of Aurora Energy Limited for the Assessment Period ended on 31 March 2011, has been prepared, in all material respects, in accordance with the Determination.

Our audit was completed on 29 June 2011 and our opinion is expressed as at that date.

A handwritten signature in blue ink, appearing to read 'Bruce Loader'.

Bruce Loader  
Ernst & Young  
On behalf of the Auditor-General  
Christchurch, New Zealand

### **Matters relating to the electronic publication of the annual compliance statement prepared under the Commerce Act (Electricity Distribution Default Price-Quality Path) Determination 2010**

This audit report relates to the electronic publication of the annual compliance statement prepared under the Commerce Act (Electricity Distribution Default Price-Quality Path) Determination 2010 (the "annual compliance statement") of Aurora Energy Limited (the company) for the assessment period ended on 31 March 2011.

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 29 June 2011 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

Clause 8.4  
NR2011

Maximum Notional Revenue for the year ending 31 March 2011		
Term	Description	(\$)
$\Sigma P_{i,2011} Q_{i,2009}$	Maximum Price Between 1 April 2010 and 31 March 2011 multiplied by 31 March 2009 Base Quantities	70,446,248
$K_{2011}$	Transmission Charges for year ending 31 March 2011	19,385,798
	Rates for year ending 31 March 2011	554,957
	Commerce Act Levies for year ending 31 March 2010 * 20%	32,497
	Commerce Act Levies for year ending 31 March 2011	154,052
	Electricity Commission Levies for year ending 31 March 2011	159,718
$NR_{2011} = \Sigma P_{i,2011} Q_{i,2009} - K_{2011}$	Notional Revenue for the year ending 31 March 2011	50,159,226

Estimated Pass Through Costs when Prices set for 2010-11
(\$)

19,350,894
495,000
32,000
160,000
145,000

 $R_{2011}$ 

$R_{2010}$ is the Allowable Notional Revenue as at 31 March 2010		
Term	Description	(\$)
$\Sigma P_{i,2010} \times Q_{i,2009}$	Prices at 31 March 2010 multiplied by 31 March 2009 Base Quantities	70,813,727
$K_{2010}$	Transmission Charges for year ending 31 March 2010	20,936,188
	Rates for year ending 31 March 2010	519,475
	Commerce Act Levies for year ending 31 March 2010	-
	Electricity Commission Levies for year ending 31 March 2010	170,751
$R_{2010}$	Maximum Revenue at 31 March 2010	49,187,313



**Test for 8.4 - ( $NR_{Max\ 2011} / R_{2011} \leq 1$ )**

Allowable Notional Revenue under CPI-X price path		
Term	Description	(\$)
$X$	X Factor	0%
$R_{2010}$	Maximum Revenue at 31 March 2010	49,187,313
$(1 + \Delta CPI_{2011})$	Average change in Consumer Price Index to Sept 2009	1.0247
$(1-X)$	1-X Factor	1.00
$R_{2011}$	Allowable Notional Revenue under the CPI-X Price Path for the year ended 31 March 2010	50,399,800
$NR_{2011} / R_{2011}$	Expression must be less than or equal to 1 to avoid breaching 8.4	0.9952
$R_{2011} - NR_{2011}$	Value of Compliance or (Non-compliance)	240,574

For presentation purposes, the CPI Index has been presented to four decimal places, however, for the calculation of  $R_{2011}$ , the full index (with no rounding) has been applied.

$\Delta CPI_{2011}$			
Numerator		Denominator	
$CPI_{Q4,2008}$	1072	$CPI_{Q4,2007}$	1037
$CPI_{Q1,2009}$	1075	$CPI_{Q1,2008}$	1044
$CPI_{Q2,2009}$	1081	$CPI_{Q2,2008}$	1061
$CPI_{Q3,2009}$	1095	$CPI_{Q3,2008}$	1077
Total	4323	Total	4219
$\Delta CPI_{2010}$	2.47%		

## APPENDIX B

Area	Description	31-Mar-10	1-Apr-10	Source Data	Ref
Halfway Bush & South Dunedin	Std Domestic variable	20,817,738	20,345,473	Retailers	1
	Std Domestic fixed	2,513,795	2,513,795	Gentrack	A
	Capacity fixed	16,441,078	16,081,956	Gentrack	B
	Street Lighting	310,610	317,176	Gentrack	C
		<b>40,083,221</b>	<b>39,258,400</b>		
Frankton	Std Domestic variable	5,076,733	5,218,653	Retailers	4
	Std Domestic fixed	410,488	410,488	Gentrack	F
	Capacity fixed	5,711,322	5,784,893	Gentrack	G
	Street Lighting	42,884	37,870	Retailers	5
		<b>11,241,427</b>	<b>11,451,904</b>		
Frankton Sub Area	Std Domestic variable	690,432	709,465	Retailers	6
	Std Domestic fixed	62,698	62,698	Gentrack	H
	Capacity fixed	937,767	950,846	Gentrack	I
	Prudent discount FKN Sub area	(84,856)	(89,762)		
		<b>1,606,040</b>	<b>1,633,247</b>		
Clyde & Cromwell	Std Domestic variable	9,502,246	9,729,385	Retailers	2
	Std Domestic fixed	688,845	688,845	Gentrack	D
	Capacity fixed	7,583,873	7,573,213	Gentrack	E
	Street Lighting	77,716	80,897	Retailers	3
		<b>17,852,680</b>	<b>18,072,340</b>		
Heritage Estate	Std Domestic variable	23,543	23,543	Retailers	7
	Std Domestic fixed	1,794	1,794	Gentrack	J
	Capacity fixed	3,558	3,558	Gentrack	K
	Street Lighting	1,463	1,463	Retailers	8
		<b>30,357</b>	<b>30,357</b>		
Grand Total		<b>70,813,727</b>	<b>70,446,248</b>		

## APPENDIX C

Area	Load Group	Base Quantity Apr - 08 to Mar 09	Price \$ 31/3/10 Network	Transmission	Network \$ 31/03/2010	Transmission \$ 31/03/2010	Notional Rev \$ 31/03/2010	Price \$ 1/4/10 Network	Transmission	Network \$ 1/04/2010	Transmission \$ 1/04/2010	Notional Rev \$ 1/04/2010
Durand	Standard Domestic 15	Number 45,782	54.73		2,505,635	-	2,505,635	54.73	-	2,505,635	-	2,505,635
Durand	Standard Domestic 8	Number 686,726	15.00		-	-	-	15.00	-	-	-	-
Durand		Number 544			8,160	-	8,160		-	8,160	-	8,160
Durand		Total Capacity KVA 4,352			-	-	-	-	-	-	-	-
		A			2,513,795	-	2,513,795			2,513,795	-	2,513,795
Durand	L0	Number 87	102.51	53.65	8,953	4,685	13,638	102.92	50.32	8,988	4,395	13,383
Durand		Total Capacity KVA			-	-	-	-	-	-	-	-
Durand		Other Charge	1		-	-	-	1	-	-	-	-
Durand	LOA	Number 119	212.82	116.05	25,255	13,771	39,026	213.67	108.85	25,356	12,917	38,272
Durand		Total Capacity KVA			-	-	-	-	-	-	-	-
Durand		Other Charge	237		-	-	-	-	-	-	-	-
Durand	Load Group 1A	Number 284	9.89	3.02	2,811	6,867	2,811	9.93	2.83	2,823	6,435	2,823
Durand		Total Capacity KVA			29,517	18,521	36,384	13.03	68.20	29,630	18,521	36,066
Durand		Total CPD kW	2,274	81.97	22,260	-	40,781	75.57	-	20,522	-	39,043
Durand		Other Charge	272		-	-	-	1	-	-	-	-
Durand	Load Group 1	Number 3,070	9.89	2.18	30,366	-	30,366	9.93	-	30,489	-	30,489
Durand		Total Capacity KVA			531,029	100,403	631,431	11.58	2.04	533,331	93,995	627,286
Durand		Total CPD kW	46,056	81.97	609,795	507,357	1,117,152	75.57	68.20	562,184	507,357	1,069,541
Durand		Other Charge	7,439		-	-	-	1	-	-	-	-
Durand	Load Group 2	Number 2,843	19.40	1.68	55,146	-	55,146	19.48	0.87	55,374	-	55,374
Durand		Total Capacity KVA			2,422,152	243,812	2,665,963	15.81	0.87	2,294,441	126,260	2,420,700
Durand		Total CPD kW	145,126	16.69	1,862,118	1,736,347	3,598,465	75.70	68.20	1,927,294	1,736,347	3,663,641
Durand		Other Charge	25,460		(1,979)	-	(1,979)	1	-	(1,979)	-	(1,979)
Durand	Load Group 3	Number 97	388.00	3.82	37,701	-	37,701	390.00	-	37,895	-	37,895
Durand		Total Capacity KVA			451,716	72,381	524,097	25.91	2.19	490,938	41,466	532,434
Durand		Total KVA-KM	18,948	0.27	26,775	-	26,775	26.775	-	26,775	-	26,775
Durand		Total CPD kW	99,166	57.01	329,157	386,432	715,588	48.53	66.70	280,196	385,104	665,300
Durand		Other Charge	5,774		675	-	675	1	-	675	-	675
Durand	Load Group 3A	Number 87	388.00	3.82	33,853	-	33,853	390.00	-	34,028	-	34,028
Durand		Total Capacity KVA			614,688	106,635	721,324	24.08	2.19	672,193	61,134	733,327
Durand		Total KVA-KM	27,915	0.27	41,858	-	41,858	0.27	-	41,858	-	41,858
Durand		Total CPD kW	155,030	57.01	565,558	663,968	1,229,526	48.53	66.70	481,434	661,686	1,143,120
Durand		Other Charge	9,920		(1,560)	-	(1,560)	1	-	(1,560)	-	(1,560)
Durand	Load Group 4	Number 65	970.00	3.73	63,293	-	63,293	980.00	-	63,945	-	63,945
Durand		Total Capacity KVA			592,201	176,996	769,197	12.50	1.86	593,150	88,261	681,411
Durand		Total KVA-KM	47,452	12.48	68,913	-	68,913	12.50	-	68,913	-	68,913
Durand		Total CPD kW	255,235	44.80	624,441	932,998	1,557,339	43.05	66.70	600,188	929,682	1,529,881
Durand		Other Charge	13,938		230,021	-	230,021	1.14	-	261,968	-	261,968
Durand	Load Group 5	Number 10	970.00	4.31	9,700	-	9,700	980.00	-	9,800	-	9,800
Durand		Total Capacity KVA			295,005	179,081	474,086	7.96	4.15	330,738	172,433	503,171
Durand		Total KVA-KM	41,550	7.10	104,205	-	104,205	0.27	-	104,205	-	104,205
Durand		Total CPD kW	385,946	28.61	446,573	1,044,710	1,491,284	30.70	66.70	479,196	1,041,120	1,520,317
Durand		Other Charge	15,609		114,020	-	114,020	1.14	-	129,856	-	129,856
Durand		B			10,246,215	6,194,864	16,441,078			10,194,845	5,887,111	16,081,956
Durand	Street Lighting	Fixed	297,191	226,570	84,040	226,570	84,040	310,610	OK	238,121	79,055	317,176

*Annual Compliance Statement by Aurora Energy Limited for the Year Ended 31 March 2011*

Area	Load Group	Base Quantity	Price \$ 3/1/10	Network \$	Transmission \$	Notional Rev \$	Price \$ 1/4/10	Network \$	Transmission \$	Notional Rev \$
CYD/CML	Standard Domestic 15	Number 12,572	54.73	688,056	-	688,056	54.73	688,056	-	688,056
CYD/CML	Standard Domestic 8	Total Capacity KVA 198,578	-	-	-	-	-	-	-	-
CYD/CML		Number 53	15.00	789	-	789	15.00	789	-	789
CYD/CML		Total Capacity KVA 421	-	-	-	-	-	-	-	-
<b>Capacity based</b>		<b>D</b>		<b>688,845</b>	-	<b>688,845</b>	OK	<b>688,845</b>	-	<b>688,845</b>
CYD/CML	Load Group 0	Number 119	171.30	20,456	5,039	25,495	173.70	20,743	5,075	25,818
CYD/CML		Total Capacity KVA 119	-	-	-	-	-	-	-	-
CYD/CML		Other Charge	1	-	-	-	1	-	-	-
CYD/CML	Load Group 0A	Number 232	326.60	75,508	24,592	100,200	331.17	76,666	24,764	101,429
CYD/CML		Total Capacity KVA 463	-	-	-	-	-	-	-	-
CYD/CML		Other Charge	1	-	-	-	1	-	-	-
CYD/CML	Load Group 1A	Number 150	12.00	1,802	-	1,802	12.17	1,828	-	1,828
CYD/CML		Total Capacity KVA 1,201	-	-	-	-	-	-	-	-
CYD/CML		Total CPD KW 1,201	24.09	28,840	1,201	30,141	24.43	29,349	1,213	30,562
CYD/CML		Other Charge	140	155.26	9,570	31,355	157.91	22,157	9,570	31,727
CYD/CML	Load Group 1	Number 1,718	12.00	20,620	-	20,620	12.17	20,912	-	20,912
CYD/CML		Total Capacity KVA 25,775	-	-	-	-	-	-	-	-
CYD/CML		Total CPD KW 3,233	22.02	567,566	4,640	572,205	22.33	575,556	4,640	580,195
CYD/CML		Other Charge	1	502,025	220,521	722,547	157.91	510,594	220,521	731,115
CYD/CML	Load Group 2	Number 1,329	24.00	31,900	-	31,900	24.34	32,352	-	32,352
CYD/CML		Total Capacity KVA 69,619	-	-	-	-	-	-	-	-
CYD/CML		Total CPD KW 8,358	27.40	1,907,556	6,962	1,914,518	25.95	1,806,609	6,962	1,813,571
CYD/CML		Other Charge	1	1,203,563	543,275	1,746,838	153.72	1,264,803	541,269	1,826,072
CYD/CML	Load Group 3	Number 50	480.00	(9,256)	-	(9,256)	488.00	24,400	-	24,400
CYD/CML		Total Capacity KVA 9,180	-	-	-	-	-	-	-	-
CYD/CML		Total KVA-KM 305,416	41.58	381,704	1,285	382,990	39.28	360,590	1,102	361,692
CYD/CML		Total CPD KW 1,436	0.33	100,787	1,051	100,787	0.33	100,787	1,051	100,787
CYD/CML		Other Charge	1	208,220	96,111	304,331	156.73	225,064	95,781	320,845
CYD/CML	Load Group 3A	Number 24	480.00	(1,695)	-	(1,695)	488.00	11,712	-	11,712
CYD/CML		Total Capacity KVA 7,509	-	-	-	-	-	-	-	-
CYD/CML		Total KVA-KM 207,977	38.70	290,598	1,051	291,650	36.36	273,027	901	273,928
CYD/CML		Total CPD KW 1,757	0.33	68,632	-	68,632	0.33	68,632	-	68,632
CYD/CML		Other Charge	1	254,765	117,596	372,361	156.73	275,375	117,192	392,567
CYD/CML	Load Group 4	Number 11	1,260.00	(1,172)	-	(1,172)	1,280.00	14,613	-	14,613
CYD/CML		Total Capacity KVA 8,327	-	-	-	-	-	-	-	-
CYD/CML		Total KVA-KM 363,836	31.10	120,066	6,245	126,218	27.49	120,066	3,830	123,742
CYD/CML		Total CPD KW 2,270	0.33	273,536	147,882	421,418	0.33	266,581	147,374	443,955
CYD/CML		Other Charge	1	21,017	-	21,017	1.14	23,936	-	23,936
CYD/CML	Load Group 5	Number -	1,260.00	-	-	-	1,280.00	-	-	-
CYD/CML		Total Capacity KVA -	-	-	-	-	-	-	-	-
CYD/CML		Total KVA-KM -	20.78	-	-	-	19.87	-	-	-
CYD/CML		Total CPD KW -	0.33	-	-	-	0.33	-	-	-
CYD/CML		Other Charge	1	104,24	-	-	114.40	-	-	-
CYD/CML		Other Charge	1	66.93	-	-	66.70	-	-	-
<b>E</b>				<b>6,397,902</b>	<b>1,185,971</b>	<b>7,583,873</b>	OK	<b>6,393,020</b>	<b>1,180,193</b>	<b>7,573,213</b>
FKN	Standard Domestic 15	Number 7,495	54.73	410,201	-	410,201	54.73	410,201	-	410,201
FKN		Total Capacity KVA 112,425	-	-	-	-	-	-	-	-
FKN	Standard Domestic 8	Number 19	15.00	286	-	286	15.00	286	-	286
FKN		Total Capacity KVA 153	-	-	-	-	-	-	-	-
<b>F</b>				<b>410,488</b>	-	<b>410,488</b>	OK	<b>410,488</b>	-	<b>410,488</b>

Annual Compliance Statement by Aurora Energy Limited for the Year Ended 31 March 2011

Area	Load Group	Base Quantity Apr - 08 to Mar 09	Price \$ 31/3/10 Network	Transmission	Network \$ 31/03/2010	Transmission \$ 31/03/2010	Notional Rev \$ 31/03/2010	Price \$ 1/4/10 Network	Transmission	Network \$ 1/04/2010	Transmission \$ 1/04/2010	Notional Rev \$ 1/04/2010
FKN	Load Group 0	Number 76	115.57	53.79	8 803	4 097	12 900	121.35	51.69	9 243	3 937	13 180
FKN	Other Charge	1	-	-	-	-	-	-	-	-	-	-
FKN	Load Group 0A	Number 119	209.40	121.80	24 971	14 525	39 496	219.87	117.05	26 219	13 958	40 178
FKN	Other Charge	239	-	-	-	-	-	-	-	-	-	-
FKN	Load Group 1A	Number 83	10.30	1	-	-	-	1	-	-	-	-
FKN	Total Capacity KVA	665	17.14	5.79	11 404	3 852	15 256	10.82	5.56	900	-	900
FKN	Total CPD KW	99	81.23	68.20	8 001	6 718	14 719	17.20	68.20	11 444	3 699	15 143
FKN	Other Charge	-	-	-	-	-	-	79.63	-	7 844	6 718	14 561
FKN	Load Group 1	Number 749	10.30	1	-	-	-	1	-	-	-	-
FKN	Total Capacity KVA	11 234	15.66	5.40	175 921	60 662	236 583	10.82	5.19	8 103	-	8 103
FKN	Total CPD KW	2 295	81.23	68.20	186 413	156 510	342 923	16.44	68.20	184 683	58 303	242 986
FKN	Other Charge	-	-	-	-	-	-	79.63	-	182 741	156 510	339 251
FKN	Load Group 2	Number 1 024	16.75	4.04	17 156	202 273	17 156	17.59	2.78	18 017	-	18 017
FKN	Total Capacity KVA	50 068	18.10	68.20	906 223	596 637	1 108 496	17.99	68.20	900 716	139 188	1 039 904
FKN	Total CPD KW	8 748	97.02	68.20	848 764	596 637	1 445 401	105.21	-	920 413	596 637	1 517 050
FKN	Other Charge	(2 868)	1	-	(2 868)	-	(2 868)	1	-	(3 011)	-	(3 011)
FKN	Load Group 3	Number 32	380.00	9.69	12 160	-	12 160	399.00	7.94	12 768	-	12 768
FKN	Total Capacity KVA	5 140	35.43	9.69	182 110	49 807	231 917	34.72	7.94	178 461	40 812	219 272
FKN	Total KVA-KM	73 541	0.30	-	22 062	-	22 062	0.32	-	23 533	-	23 533
FKN	Total CPD KW	1 421	59.65	66.93	84 748	95 091	179 839	68.60	66.70	97 463	94 764	192 227
FKN	Other Charge	(675)	1	-	(675)	-	(675)	1	-	(708)	-	(708)
FKN	Load Group 3A	Number 25	380.00	9.69	9 342	-	9 342	399.00	7.94	9 809	-	9 809
FKN	Total Capacity KVA	7 517	33.37	9.69	250 842	72 840	323 682	32.57	7.94	244 829	59 685	304 514
FKN	Total KVA-KM	107 450	0.30	-	32 235	-	32 235	0.32	-	34 384	-	34 384
FKN	Total CPD KW	2 088	59.65	66.93	124 534	139 733	264 267	68.60	66.70	143 220	139 253	282 473
FKN	Other Charge	(390)	1	-	(390)	-	(390)	1	-	(410)	-	(410)
FKN	Load Group 4	Number 17	1 000.00	11.41	16 500	-	16 500	1 050.00	10.47	17 325	-	17 325
FKN	Total Capacity KVA	12 008	21.24	11.41	255 057	137 015	392 072	23.15	10.47	277 993	125 727	403 720
FKN	Total KVA-KM	159 193	0.30	-	47 758	-	47 758	0.32	-	50 942	-	50 942
FKN	Total CPD KW	4 994	61.71	66.93	308 180	334 248	642 428	67.62	66.70	337 694	333 100	670 794
FKN	Other Charge	56 983	1	-	56 983	-	56 983	1.14	-	64 898	-	64 898
FKN	Load Group 5	Number 1	1 000.00	11.27	1 000	-	1 000	1 050.00	12.01	1 050	-	1 050
FKN	Total Capacity KVA	4 500	8.36	11.27	37 620	50 715	88 335	8.50	12.01	38 250	54 045	92 295
FKN	Total KVA-KM	56 160	0.30	-	16 848	-	16 848	0.32	-	17 971	-	17 971
FKN	Total CPD KW	1 187	47.92	66.93	56 881	79 446	136 327	52.74	66.70	62 602	79 173	141 775
FKN	Other Charge	-	1	-	-	-	-	1.14	-	-	-	-
FKN SUB	Standard Domestic 15	Number 1 146	54.73	-	62 698	-	62 698	54.73	-	62 698	-	62 698
FKN SUB	Total Capacity KVA	17 184	-	-	-	-	-	-	-	-	-	-
FKN SUB	Standard Domestic 8	Number -	15.00	-	-	-	-	15.00	-	-	-	-
FKN SUB	Total Capacity KVA	-	-	-	62 698	-	62 698	OK	-	62 698	-	62 698



Annual Compliance Statement by Aurora Energy Limited for the Year Ended 31 March 2011

Area	Load Group	Base Quantity Apr - 08 to Mar 09	Price \$ 3/13/10 Network	Transmission	Network \$ 31/03/2010	Transmission \$ 31/03/2010	Notional Rev \$ 31/03/2010	Price \$ 1/4/10 Network	Transmission	Network \$ 1/04/2010	Transmission \$ 1/04/2010	Notional Rev \$ 1/04/2010
FKN SUB	Load Group 0	9	115.57	53.79	1,069	498	1,567	121.35	51.69	1,122	478	1,601
FKN SUB	Other Charge	-	1	-	-	-	-	-	-	-	-	-
FKN SUB	Load Group 0A	3	209.40	121.80	593	345	938	219.67	117.05	623	332	955
FKN SUB	Other Charge	-	1	-	-	-	-	-	-	-	-	-
FKN SUB	Load Group 1A	8	10.30	5.79	83	-	83	10.82	-	87	-	87
FKN SUB	Total Capacity KVA	65	17.14	5.79	1,108	374	1,483	17.20	5.56	1,112	360	1,472
FKN SUB	Total CPD kW	9	81.23	68.20	717	602	1,319	79.63	68.20	703	602	1,305
FKN SUB	Other Charge	-	1	-	-	-	-	1	-	-	-	-
FKN SUB	Load Group 1	85	10.30	5.40	873	-	873	10.82	-	917	-	917
FKN SUB	Total Capacity KVA	1,271	15.66	5.40	19,908	6,865	26,773	16.44	5.19	20,889	6,598	27,487
FKN SUB	Total CPD kW	273	81.23	68.20	22,149	18,596	40,746	79.63	68.20	21,713	18,596	40,310
FKN SUB	Other Charge	-	1	-	-	-	-	1	-	-	-	-
FKN SUB	Load Group 2	116	18.75	4.04	1,936	-	1,936	17.59	-	2,033	-	2,033
FKN SUB	Total Capacity KVA	5,489	18.10	4.04	99,349	22,175	121,525	17.99	2.78	98,746	15,259	114,005
FKN SUB	Total CPD kW	922	97.02	68.20	89,413	62,853	152,265	105.21	68.20	96,961	62,853	159,813
FKN SUB	Other Charge	(50)	1	-	(50)	-	(50)	1	-	(53)	-	(53)
FKN SUB	Load Group 3	5	350.00	9.69	1,900	-	1,900	359.00	-	1,995	-	1,995
FKN SUB	Total Capacity KVA	967	35.43	9.69	34,261	9,370	43,631	34.72	7.94	33,574	7,678	41,252
FKN SUB	Total CPD kW	4,318	0.30	66.93	1,295	-	1,295	0.32	-	1,382	-	1,382
FKN SUB	Other Charge	341	59.65	66.93	20,311	22,790	43,100	68.60	66.70	23,358	22,711	46,070
FKN SUB	Load Group 3A	9	380.00	9.69	3,420	-	3,420	399.00	-	3,591	-	3,591
FKN SUB	Total Capacity KVA	3,048	33.37	9.69	101,712	29,535	131,247	32.57	7.94	99,273	24,201	123,474
FKN SUB	Total CPD kW	14,730	0.30	66.93	4,419	-	4,419	0.32	-	4,714	-	4,714
FKN SUB	Other Charge	1,214	59.65	66.93	72,415	81,253	153,668	68.60	66.70	83,280	80,974	164,254
FKN SUB	Load Group 4	2	1	-	2,101	-	2,101	1	-	2,206	-	2,206
FKN SUB	Total Capacity KVA	4	1,000.00	11.41	4,000	-	4,000	1,050.00	-	4,200	-	4,200
FKN SUB	Total CPD kW	2,575	21.24	66.93	54,093	29,381	84,074	23.15	10.47	59,611	26,980	86,572
FKN SUB	Other Charge	4,062	0.30	66.93	1,219	-	1,219	0.32	-	1,300	-	1,300
FKN SUB	Load Group 5	838	61.71	66.93	51,682	56,054	107,736	67.62	66.70	56,632	55,881	112,493
FKN SUB	Total Capacity KVA	6,500	1	-	6,500	-	6,500	1.14	-	7,403	-	7,403
FKN SUB	Total CPD kW	-	1,000.00	11.27	-	-	-	1,050.00	-	-	-	-
FKN SUB	Other Charge	-	8.36	-	-	-	-	8.50	-	-	-	-
FKN SUB	Load Group 6	-	47.92	66.93	-	-	-	52.74	-	-	-	-
FKN SUB	Other Charge	-	1	-	-	-	-	1.14	-	-	-	-
HERITAGE	Standard Domestic 15	33	54.73	-	1,779	-	1,779	54.73	-	1,779	-	1,779
HERITAGE	Standard Domestic 8	488	15.00	-	15	-	15	15.00	-	15	-	15
HERITAGE	Total Capacity KVA	8	-	-	1,794	-	1,794	-	-	1,794	-	1,794
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 7	1	-	-	597,076	340,691	937,767	-	-	627,383	323,463	950,846
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 8	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 9	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 10	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 11	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 12	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 13	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 14	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 15	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 16	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 17	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 18	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 19	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 20	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 21	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 22	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 23	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 24	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 25	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 26	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 27	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 28	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 29	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 30	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 31	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 32	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 33	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 34	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 35	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 36	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 37	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 38	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 39	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 40	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 41	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 42	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 43	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 44	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 45	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 46	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 47	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 48	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 49	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 50	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 51	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 52	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 53	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 54	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 55	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 56	1	-	-	-	-	-	-	-	-	-	-
HERITAGE	Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 57	1										

Annual Compliance Statement by Aurora Energy Limited for the Year Ended 31 March 2011

Area	Load Group		Base Quantity Apr - 08 to Mar 09	Price \$ 31/3/10 Network	Transmission	Network \$ 31/03/2010	Transmission \$ 31/03/2010	Notional Rev \$ 31/03/2010	Price \$ 1/4/10 Network	Transmission	Network \$ 1/04/2010	Transmission \$ 1/04/2010	Notional Rev \$ 1/04/2010
HERITAGE	Load Group 0	Number	1	145.66	42.20	146	42	188	145.68	42.20	146	42	188
HERITAGE		Total Capacity KVA	1	-	-	-	-	-	-	-	-	-	-
HERITAGE		Other Charge	-	1	-	-	-	-	1	-	-	-	-
HERITAGE	Load Group 0A	Number	7	274.66	106.23	1,877	726	2,603	274.66	106.23	1,877	726	2,603
HERITAGE		Total Capacity KVA	14	-	-	-	-	-	-	-	-	-	-
HERITAGE		Other Charge	-	1	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 1A	Number	-	10.56	-	-	-	-	10.56	-	-	-	-
HERITAGE		Total Capacity KVA	-	21.26	1.00	-	-	-	21.26	1.00	-	-	-
HERITAGE		Total CPD kW	-	128.44	68.20	-	-	-	128.44	68.20	-	-	-
HERITAGE		Other Charge	-	-	-	-	-	-	-	-	-	-	-
HERITAGE	Load Group 1	Number	-	10.56	-	-	-	-	10.56	-	-	-	-
HERITAGE		Total Capacity KVA	-	19.36	0.18	-	-	-	19.36	0.18	-	-	-
HERITAGE		Total CPD kW	-	128.44	68.20	-	-	-	128.44	68.20	-	-	-
HERITAGE		Other Charge	-	1	-	-	-	-	1	-	-	-	-
HERITAGE	Load Group 2	Number	1	21.12	-	21	-	21	21.12	-	21	-	21
HERITAGE		Total Capacity KVA	24	24.10	0.10	578	2	581	24.10	0.10	578	2	581
HERITAGE		Total CPD kW	1	115.72	68.20	104	61	166	115.72	68.20	104	61	166
HERITAGE		Other Charge	-	1	-	-	-	-	1	-	-	-	-
			K			2,726	832	3,558 OK			2,726	832	3,558

## Annual Compliance Statement by Aurora Energy Limited for the Year Ended 31 March 2011

## APPENDIX D

Area	Description	Price Code	Base Quantity	Apr08 - Mar 09	Price \$ 31/3/10	Trans.	Network \$	31/03/2010	Transmission \$	31/03/2010	Total \$	31/03/2010	Price \$ 1/4/10	Network	Trans.	Network \$	1/04/2010	Transmission \$	1/04/2010	Total \$	1/04/2010
Dunedin	General Purpose (Summer)	SH010S	7,128,541		4.92	1.10	350,724		78,414		429,138		4.97	1.03	354,288		73,424		427,712		
Dunedin	General Purpose (Winter)	SH010W	8,651,572		5.40	3.62	467,185		313,187		780,372		5.57	3.40	481,893		294,153		776,046		
Dunedin	Seasonal Day (Summer)	SH011S	839,104		4.72	1.33	39,606		11,160		50,766		4.70	1.25	39,438		10,489		49,927		
Dunedin	Seasonal Day (Winter)	SH011W	1,055,652		5.01	4.08	52,888		43,071		95,959		5.03	3.83	53,099		40,431		93,531		
Dunedin	Seasonal Night (Summer)	SH012S	542,075		0.56	-	3,036		-		3,036		0.54	-	2,927		-		2,927		
Dunedin	Seasonal Night (Winter)	SH012W	978,182		0.56	-	5,478		-		5,478		0.54	-	5,282		-		5,282		
Dunedin	General Purpose & 16 hour Water Heat (Summer)	SH017S	177,116,331		2.69	1.33	4,764,429		2,355,647		7,120,077		2.67	1.25	4,729,006		2,213,954		6,942,960		
Dunedin	General Purpose & 16 hour Water Heat (Winter)	SH017W	202,507,888		3.96	2.07	8,019,312		4,191,913		12,211,226		3.95	1.94	7,999,062		3,928,652		11,927,715		
Dunedin	Night + 3 hour other load	SH024	4,061,888		1.46	0.50	59,304		20,309		79,613		1.47	0.47	59,710		19,091		78,801		
Dunedin	Night Rate	SH028	7,513,327		0.56	-	42,075		-		42,075		0.54	-	40,572		-		40,572		
			410,394,560	1			13,804,036		7,013,701		20,817,738				13,766,277		6,580,196		20,346,473		
Central	General Purpose (Summer)	CC101S	29,133,639		8.62	1.09	2,511,320		317,557		2,828,876		8.90	1.04	2,592,894		302,990		2,895,884		
Central	General Purpose (Winter)	CC101W	34,759,733		11.73	2.79	4,077,317		969,797		5,047,113		12.13	2.76	4,216,356		959,369		5,175,724		
Central	Night + 5 hour other load	CC103	943,314		5.30	1.28	49,996		12,074		62,070		5.41	1.27	51,033		11,980		63,013		
Central	Night + 3 hour other load	CC104	3,042,556		4.33	0.68	131,743		20,689		152,432		4.43	0.66	134,765		20,081		154,866		
Central	Sid Water Heating 16 hour	CC106	23,903,154		4.70	0.89	1,123,448		212,738		1,336,186		4.82	0.88	1,152,132		210,348		1,362,480		
Central	Night rate	CC108	1,259,354		3.50	-	44,077		-		44,077		3.60	-	45,337		-		45,337		
Central	Peak Water Heating 20 hour	CC109	394,121		6.50	1.49	25,618		5,872		31,490		6.64	1.50	26,170		5,912		32,081		
			93,435,871	2			7,963,518		1,538,727		9,502,246				8,218,706		1,510,679		9,729,385		
Central	Street Lighting kWh	CCSTL	1,590,272		3.44	1.23	54,705		19,560		74,266		3.94	0.93	62,657		14,790		77,446		
Central	Street Lighting Lamps	CCSLmp	3,450		12	-	3,450		-		3,450		12.00	-	3,450		-		3,450		
				3			58,156		19,560		77,716				66,107		14,790		80,897		
Central	General Purpose (Summer)	FKN201S	19,305,499		5.87	1.44	1,133,233		277,969		1,411,232		6.19	1.36	1,195,010		282,555		1,457,565		
Central	General Purpose (Winter)	FKN201W	27,415,782		7.23	3.72	1,982,161		1,019,867		3,002,028		7.77	3.53	2,130,206		967,777		3,097,983		
Central	Night + 5 hour other load	FKN203	1,748,601		2.20	1.48	38,469		25,879		64,349		2.34	1.39	40,917		24,306		65,223		
Central	Night + 3 hour other load	FKN204	1,771,898		1.36	1.01	23,279		17,288		40,567		1.46	0.94	24,991		16,090		41,081		
Central	Sid Water Heating 16 hour	FKN206	19,544,898		1.44	1.23	281,447		240,402		521,849		1.54	1.12	300,991		218,903		519,894		
Central	Night rate	FKN208	1,187,021		1.20	-	14,244		-		14,244		1.18	-	14,007		-		14,007		
Central	Peak Water Heating 20 hour	FKN209	436,187		3.46	1.69	15,092		7,372		22,464		3.64	1.61	15,877		7,023		22,900		
			71,349,686	4			3,487,925		1,588,808		5,076,733				3,722,000		1,486,653		5,218,653		
Central	Street Lighting kWh	FKNSTL	1,002,913		2.12	1.93	21,262		19,356		40,618		1.92	1.63	19,256		16,347		35,603		
Central	Street Lighting Lamps	FKNSLmp	2,266		12	-	2,266		-		2,266		12.00	-	2,266		-		2,266		
				5			23,528		19,356		42,884				21,522		16,347		37,870		
Central	General Purpose (Summer)	FKNS301S	2,425,412		5.87	1.44	142,372		34,926		177,298		6.19	1.36	150,133		32,986		183,119		
Central	General Purpose (Winter)	FKNS301W	3,704,610		7.23	3.72	267,843		137,811		405,655		7.77	3.53	287,848		130,773		418,621		
Central	Night + 5 hour other load	FKNS303	660,463		2.20	1.48	14,330		9,775		24,305		2.34	1.39	15,455		9,180		24,635		
Central	Night + 3 hour other load	FKNS304	271,978		1.36	1.01	3,699		2,747		6,446		1.46	0.94	3,971		2,557		6,527		
Central	Sid Water Heating 16 hour	FKNS306	2,548,529		1.44	1.23	36,699		31,347		68,046		1.54	1.12	39,247		28,544		67,791		
Central	Night rate	FKNS308	183,468		1.20	-	2,202		-		2,202		1.18	-	2,165		-		2,165		
Central	Peak Water Heating 20 hour	FKNS309	125,848		3.46	1.69	4,354		2,127		6,481		3.64	1.61	4,581		2,026		6,607		
			9,920,308	6			471,599		218,733		690,432				503,400		206,065		709,465		
Heritage	General Purpose (Summer)	401S	92,562		7.20	1.55	6,664		1,435		8,099		7.20	1.55	6,664		1,435		8,099		
Heritage	General Purpose (Winter)	401W	98,797		9.07	4.07	8,961		4,021		12,982		9.07	4.07	8,961		4,021		12,982		
Heritage	Night + 3 hour other load	404	4,182		2.85	1.02	119		43		162		2.85	1.02	119		43		162		
Heritage	Sid Water Heating 16 hour	406	43,965		3.17	1.23	1,394		541		1,934		3.17	1.23	1,394		541		1,934		
Heritage	Night Rate	408	13,398		2.73	-	366		-		366		2.73	-	366		-		366		
			252,904	7			17,504		6,039		23,543				17,504		6,039		23,543		
Heritage	Street Lighting kWh	STL	23,258		4.25	1.69	983		393		1,382		4.25	1.69	986		393		1,382		
Heritage	Street Lighting Lamps	LMP	81		12.00	-	81		-		81		12.00	-	81		-		81		
				8			1,069		393		1,463				1,069		393		1,463		

## APPENDIX E

### SAIDI and SAIFI Thresholds for March 2011

Year	SAIDI (Interruption Duration)			SAIFI (Interruption Frequency)		
	Class B	Class C	Total	Class B	Class C	Total
2005	7.30	73.21	80.51	0.07	1.39	1.46
2006	11.72	70.80	82.52	0.09	1.40	1.49
2007	13.17	83.52	96.69	0.10	1.59	1.69
2008	13.29	115.99	129.28	0.10	1.37	1.47
2009	8.82	59.15	67.97	0.05	1.17	1.22
	Five Year Average SAIDI		91.39	Five Year Average SAIFI		1.47
2011	16.92	94.62	111.54	0.12	1.36	1.48

Note: 2005 - 2009 outage statistics are same as previously disclosed

	SAIDI (Interruption Duration)	SAIFI (Interruption Frequency)
	Total B + C	Total B + C
Normalised (Annual Average) 2005-2009	84.32	1.47
Normalised Standard Deviation	0.73	0.01
$\sigma$	13.97	0.20
Quality Limit	98.29	1.67
Boundary Value	11.93	0.30
Quality Assessed 2011	110.95	1.48

SAID <sub>ASSESS,2011</sub>	110.95
SAID <sub>LIMIT</sub>	98.29
SAID <sub>ASSESS,2011</sub> / SAID <sub>LIMIT</sub>	1.13

Review Next Year

SAIF <sub>ASSESS,2011</sub>	1.48
SAIF <sub>LIMIT</sub>	1.67
SAIF <sub>ASSESS,2011</sub> / SAIF <sub>LIMIT</sub>	0.89

Complies

