

Information Disclosure by Aurora Energy Ltd for the year ended 31 March 2009

Pursuant to the
ELECTRICITY DISTRIBUTION (INFORMATION DISCLOSURE) REQUIREMENTS 2008

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Information Disclosure Disclaimer

Information disclosed in this document has been prepared solely for the purposes of the Electricity Information Disclosure Requirements 2008.

The Requirements require the information to be disclosed in the manner it is presented.

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

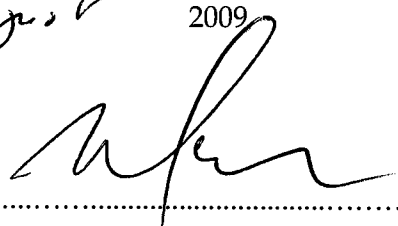
The information disclosed is for the lines business as described in the Requirements. There are other activities of the Company that are not required to be reported under the Requirements.

A STATUTORY DECLARATION FOR PUBLICLY DISCLOSED INFORMATION (REQUIREMENT 13(1))

I, Raymond Stuart Polson of 30 Browns Road, St Albans, Christchurch, being a director of Aurora Energy Ltd, solemnly and sincerely declare that having made all reasonable enquiry, to the best of my knowledge, the information attached to this declaration is a true copy of information made available to the public by Aurora Energy Ltd under the Commerce Commission's Electricity Distribution (Information Disclosure) Requirements 2008.

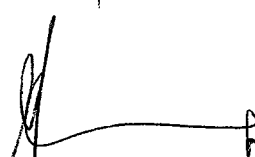
And I make this solemn declaration conscientiously believing the same to be true and by virtue of the Oaths and Declarations Act 1957.

Declared at Dunedin this *26th* day of *August* 2009



.....

Stephen John Grant
Solicitor
Dunedin

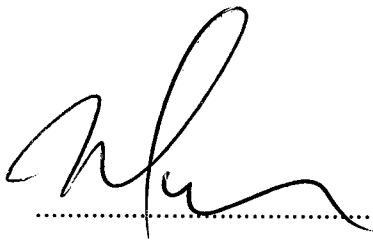


.....
~~Justice of the Peace (or Solicitor or other person authorised to take a statutory declaration)~~

B CERTIFICATE FOR DISCLOSED INFORMATION (REQUIREMENT 11(1))

We, Raymond Stuart Polson and Ross Douglas Liddell, directors of Aurora Energy Ltd, certify that, having made all reasonable enquiry, to the best of our knowledge, the following attached audited information of Aurora Energy Ltd prepared for the purposes of requirement 3, 4, 6 and 7(5) of the Commerce Commission's Electricity Distribution (Information Disclosure) Requirements 2008 complies with those Requirements -

- (i) Report FS1: Regulatory Profit Statement;
- (ii) Report FS2: Regulatory Asset and Financing Report;
- (iii) Report FS3: Regulatory Tax Allowance Report;
- (iv) Report AV1: Annual Regulatory Valuation Roll-Forward Report
- (v) Report AV2: Valuation Disclosure by Asset Class (for System Fixed Assets);
- (vi) Report AV3: System Fixed Assets Replacement Cost Roll-Forward Report;
- (vii) Report AV4: Merger or Acquisition Regulatory Asset Base Disclosure;
- (viii) Report MP1: Network Information Report;
- (ix) Report MP2: Performance Measures Report;
- (x) Report MP3: Price and Quality Report;
- (xi) Report AM1: Expenditure Forecasts and Reconciliation.



Raymond Stuart Polson



Ross Douglas Liddell

26th August 2009

C DISCLOSURE OF INFORMATION REQUIRED IN FINANCIAL STATEMENTS (REQUIREMENT 3(1))

REPORT FS1: REGULATORY PROFIT STATEMENT

ref		Electricity Distribution Business: Aurora Energy Ltd	For Year Ended 2009	
5				
6	Income			
7				(\$000)
8	Net Line Charge Revenue Received	71,859		
9	plus Discretionary Discounts and Customer Rebates	-		FS1a
10	Gross Line Charge Income		71,859	
11				
12				
13	Capital Contributions	6,000		
14	plus Net Value of Vested Assets	-		
15	Total Capital Contributions and Vested Assets		6,000	
16				
17	AC Loss Rental Rebates Received	4,085		
18	less AC Loss Rental Rebates Passed On	4,085		
19	Net AC loss rental income (deficit)		-	
20				
21				
22	Other Income	494		
23			494	
24				
25	Total regulatory income		78,353	
26				
27				
28	Expenses			
29				
30	Transmission Charges - Payments to Transpower	17,315		
31	plus Avoided Transmission Charges - payments to parties other than Transpower	4,312		
32	Total Transmission Costs		21,627	
33				
34	Operational Expenditure:			
35	General Management, Administration and Overheads			
36	System Management and Operations	19,823		
37	Routine and Preventative Maintenance	-		to AM1
38	Refurbishment and Renewal Maintenance			to AM1
39	Fault and Emergency Maintenance			to AM1
40	Pass-through Costs	-		
41	Other	-		
42	Total Operational Expenditure		19,823	to MP2
43				
44				
45	Operational earnings		36,903	
46				
47				
48	Regulatory Depreciation of System Fixed Assets (incl. value of assets decommissioned)	7,660		from AV1
49	plus Depreciation of Non-System Fixed Assets (incl. value of assets decommissioned)	1		from AV1
50	Total Regulatory Depreciation		7,661	to FS3
51				
52				
53	Earnings before interest and tax (EBIT)		29,243	to FS3
54				
55	less Regulatory Tax Allowance		2,628	from FS3
56				
57	plus Indexed Revaluation (of System Fixed Assets)		7,713	from AV1
58	plus Revaluations of Non-System Fixed Assets		-	from AV1
59				
60	Regulatory profit / loss (pre-financing and distributions)		34,328	to MP2

REPORT FS1: REGULATORY PROFIT STATEMENT (cont)

Notes to Regulatory Profit Statement

69	FS1a: Discretionary Discounts: Customer Rebates and other line charge adjustments		(\$000)
70	Customer Rebates	-	
71	Line Charge Holidays and other Discretionary Discounts	-	
72	Total Discretionary Discounts and Customer Rebates		-

75	FS1b: Related party expenditure - summary		(\$000)
76	Avoided Transmission Charges	-	
77	Operational Expenditure	15,422	
78	Subvention Payment	1,671	
79	Other related party expenditure	-	
80	Total Related Party Expenditure		17,093

N.B.: The additional Related Party information that is required to be disclosed in accordance with Section 3 of the Information Disclosure Handbook is to be disclosed by way of a separate note to this Schedule and forms part of this Schedule.

83

84

Information Disclosure by Aurora Energy Ltd for the Year Ended 31 March 2009

87	FS1c: Operational Expenditure notes	(\$000)
88		
89	Merger and Acquisition Expenses	
90	Merger and Acquisition Expenses (not to be included in Operational Expenditure)	-
91		
92	Material items (if greater than 10% of the Operational Expenditure line item)	
93	Material item amount 1	2,139 <i>Notes to be provided separately</i>
94	within expenditure category:	General Management, Administration
95		
96	Material item amount 2	4,695 <i>Notes to be provided separately</i>
97	within expenditure category:	System Management and Operation
98		
99	Material item amount 3	10,497 <i>Notes to be provided separately</i>
100	within expenditure category:	Routine and Preventative Maintenance
101		
102		<i>(further disclosures to be provided on separate page if required)</i>
103		

106	FS1d: Vested Assets	(\$000)
107	Consideration Paid for Vested Assets	-

110	FS1e: Reclassified items in Operational Expenditure	(\$000)
111	Value of items which have been reclassified since previous disclosure (if greater than 10% of any affected line item)	
112	Previous classification:	Select one
113	New classification:	Select one
114		
115		(\$000)
116	Value of items which have been reclassified since previous disclosure (if greater than 10% of any affected line item)	
117	Previous classification:	Select one
118	New classification:	Select one
119		
120		(\$000)
121	Value of items which have been reclassified since previous disclosure (if greater than 10% of any affected line item)	
122	Previous classification:	Select one
123	New classification:	Select one
124		

to be repeated as required for multiple reclassifications

REPORT FS2: REGULATORY ASSET AND FINANCING STATEMENT

ref		Electricity Distribution Business:	Aurora Energy Ltd
5		For Year Ended	2009
6			
7	Capital Expenditure on System Fixed Assets (by primary purpose)		(\$000)
8	Customer Connection		<i>to AM1</i>
9	System Growth		<i>to AM1</i>
10	Reliability, Safety and Environment		<i>to AM1</i>
11	Asset Replacement and Renewal		<i>to AM1</i>
12	Asset Relocations		<i>to AM1</i>
13	Total Capital Expenditure on System Fixed Assets	18,525	<i>to AM1</i>
14			
15			
16	Capital Expenditure on Non-System Fixed Assets	-	<i>from AV1</i>
17			
18			
19	Capital works roll-forward (for System Fixed Assets)		
20	Works Under Construction at Beginning of Year	7,089	
21	<i>plus</i> Total Capital Expenditure on System Fixed Assets	18,525	
22	<i>less</i> Assets Commissioned in Year	18,139	<i>from AV1</i>
23	Works under construction at year end	7,475	
24			
25			
26	Regulatory Investment Value calculation		
27	System Fixed Assets: regulatory value at end of Previous Year	259,761	<i>from AV1</i>
28	Non-System Fixed Assets: regulatory value at end of Previous Year	1	<i>from AV1</i>
29	Finance During Construction Allowance (on System Fixed assets)	6,364	2.45%
30	Total Regulatory Asset Base value at beginning of Current Financial Year	266,126	
31			
32	<i>plus</i> System Fixed Assets Commissioned in Year	18,139	<i>from AV1</i>
33	System Fixed Assets Acquired From (Sold to) a Non-EDB in Year	-	<i>from AV1</i>
34	Non-System Fixed Assets: Asset Additions	-	<i>from AV1</i>
35	Regulatory Asset Base investment in Current Financial Year - total	18,139	
36	Regulatory Asset Base investment in Current Financial Year - average	9,070	
37			
38	<i>plus (minus) where a merger or acquisition has taken place within the year</i>		
39	Adjustment for merger, acquisition or sale to another EDB	-	<i>from AV4</i>
40			
41	Regulatory Investment Value	275,195	<i>to MP2</i>

REPORT FS3: REGULATORY TAX ALLOWANCE CALCULATION

ref		Electricity Distribution Business:	Aurora Energy Ltd	
5			For Year Ended	2009
6				
7				(\$000)
8		Earnings before interest and tax (EBIT)	29,243	from FS1
9				
10	add	Total Regulatory Depreciation	7,661	from FS1
11		Other Permanent Differences - not deductible	-	
12		Other Temporary Adjustments - Current Period	-	
13			7,661	
15	less	Non Taxable Capital Contributions and Vested Assets	6,000	
16		Tax Depreciation	13,140	
17		Deductible Discretionary Discounts and Customer Rebates	-	
18		Deductible Interest	9,004	from row 53
19		Other Permanent Differences - Non Taxable	-	
20		Other Temporary Adjustments - Prior Period	-	
21			28,144	
22				
23		Regulatory taxable income for Year	8,759	
24				
25	less	Tax Losses Available at Start of Year	-	
26		Net taxable income	8,759	
27				
28		Statutory Tax Rate	30%	
29		Regulatory Tax Allowance	2,628	to FS1

Notes to Regulatory Tax Allowance Calculation

36 FS3a: Description of adjustments classified as "other"

37
 38 The Electricity Distribution Business is to provide descriptions of items recorded in the four "other" categories above (explanatory
 39 notes can be provided in a separate note if necessary).
 40
 41
 42
 43
 44
 45

48 FS3b: Financing assumptions (for Deductible Interest and Interest Tax Shield calculation)

49				
50		Standard Debt Leverage Assumption (debt/total assets)	40%	%
51				
52		Standard Cost of Debt Assumption	8.18%	%
53				
54		Deductible Interest	9,004	\$000 to row 18
55				
56		Interest Tax Shield Adjustment	2,701	\$000 to MP2

STATEMENT OF ACCOUNTING POLICIES

Special Purpose Financial Statements

These financial statements have been prepared in accordance with the requirements of the Electricity Distribution (Information Disclosure) Requirements 2008 and relates to the Line Business of Aurora Energy Limited which includes the conveyance of electricity, ownership of works for conveyance of electricity and provision of line function services.

Specific Accounting Policies

The methodology adopted to allocate costs, revenues, assets and liabilities to the Lines Businesses is in accordance with the Requirements and/or the Electricity Information Disclosure Handbook.

The particular accounting policies adopted in the preparation of these financial statements are:

(a) **Revenue**

Revenue shown in the Regulatory Profit Statement (report FS1) relates to the Line Business.

(b) **Expenditure**

Expenditure shown in the Regulatory Profit Statement is derived as follows:

- Transmission charges, employee remuneration, administration and operating expenses are directly attributable to the Line Business.
- Maintenance and operation is provided in accordance with a 10 year Asset Management Services Contract with *DELTA* Utility Services Ltd.
- Other costs are allocated in accordance with the avoidable cost allocation methodology.

(c) **Distinction Between Capital and Revenue Expenditure**

Capital expenditure is defined as all expenditure on the creation of a new asset, and any expenditure which results in a significant improvement to the original function of an existing asset. Revenue expenditure is defined as expenditure which maintains an asset in working condition and expenditure incurred operating the Company.

(d) **Changes in Accounting Policies**

There have been no changes in accounting policies. All policies have been applied on bases consistent with those used in previous years.

Note 1 : Disclosure of Information Relating to Transactions Between Persons in a Prescribed Business Relationship and Related Parties

	2009 \$000	2008 \$000
During the Year the Line Business:		
Purchased the following services from DELTA Utility Services Ltd:		
Asset maintenance	10,497	9,470
Network management, operation and other	4,925	4,588
Consumer reconnections and disconnections	-	-
Total	<u>15,422</u>	<u>14,058</u>
 Network capital work and development		
distribution substations	1,357	1,111
low voltage reticulation	3,033	4,575
distribution lines and cables	2,579	2,558
distribution transformers	2,391	1,944
zone substations	772	491
other plant and equipment	36	2
sub-transmission reticulation	1,062	172
Total	<u>11,230</u>	<u>10,853</u>

Network operation and maintenance is charged in accordance with a Fixed Term Contract which was renewed for a 10 year period on 1 July 2007. Capital work is subject to open tender, established market rates, or competitive pricing.

At balance date, \$3,143,167 was owed to DELTA Utility Services Ltd (2008 : \$3,593,705). Of this, \$2,411,070 was due and payable on 20 April, while \$732,097 relating to capital work-in-progress was payable at a later date.

Other Line Business Related Parties:

The Lines Business has a borrowing facility with Dunedin City Treasury Ltd. During the year it paid \$6.340 million interest (2008 : \$6.251 million) and as at 31 March 2009 \$96.70 million of loan monies were outstanding (2008 : \$93.61 million).

During the year, the Lines Business also undertook the following transactions with Dunedin City Holdings Ltd:

Purchase of subvention expense	\$ 1.67 million (2008 : \$1.62 million)
Dividends paid	\$15.24 million (2008 : \$11.98 million)

As at 31 March 2009, \$1.256 million of subvention was outstanding (2008 : \$1.247 million).

No related party transactions took place at a nominal or nil value. No related party debts have been written-off or forgiven during the period.

During the year, the Lines Business also undertook the following transactions with Dunedin City Council:

Rates paid	\$ 0.337 million (2008 : \$0.350 million)
Undergrounding of street lights	\$ 0.100 million (2008 : \$0.013 million)

D DISCLOSURE RELATING TO ASSET VALUATIONS (REQUIREMENT 4(1))

REPORT AV1: ANNUAL REGULATORY VALUATION ROLL-FORWARD REPORT

ref	Electricity Distribution Business:	Aurora Energy Ltd				
5	For Year Ended:	2009				
6	Year of most recent ODV	2004				
8		(\$000)				
		ODV Year +	ODV Year +	ODV Year +	ODV Year +	ODV Year +
		1	2	3	4	5
9	For Year Ending:	2005	2006	2007	2008	2009
11	System Fixed Assets					
12	Regulatory Value at End of Previous Year*	193,833	210,575	221,825	238,932	259,761 to FS2
13	plus					
14	Assets Commissioned	12,560	13,720	17,945	16,683	18,139 to FS2
15	Gross Value of Vested Assets					to FS1
16	Assets Acquired from (Sold to) a Non-EDB					to FS2
17	Asset Additions	12,560	13,720	17,945	16,683	18,139
18	plus					
19	Indexed Revaluation	5,222	7,071	5,630	8,043	7,713 to FS1
20	less					
21	Depreciation of System Fixed Assets	5,915	6,241	6,444	6,819	7,295
22	Regulatory Value of Assets Decommissioned		141	24	419	365
23	Regulatory Depreciation (incl. value of assets decommissioned)	5,915	6,382	6,468	7,238	7,660 to FS1
24	plus (minus)					
26	Acquisition of System Fixed Assets from another EDB	-	-	-	-	- from AV4
27	less Sale of System Fixed Assets to another EDB	-	-	-	-	- from AV4
28	Net Acquisitions (Sales) of System Fixed Assets from (to) an EDB	-	-	-	-	-
29	plus (minus)					
31	Net Increase (Decrease) Due to Changes in Asset Register Information	4,875	(3,159)		3,341	-
32						
33	Regulatory Value of System Fixed Assets at Year End	210,575	221,825	238,932	259,761	277,953
34						
35	Non-System Fixed Assets					
36	Regulatory value at end of previous year	3	3	2	2	1
37	plus Asset Additions					to FS2
38	plus Revaluations					to FS1
39	less Depreciation (incl. value of assets decommissioned)	1	1	1	1	1 to FS1
40	plus Net Acquisitions (Sales) of Non-System Fixed Assets from (to) an EDB	-	-	-	-	- from AV4
41	Regulatory Value of Non-System Fixed Assets at Year end	3	2	2	1	1
42						
43						
44						
45	Total Regulatory Asset Base Value (excluding FDC)	210,577	221,827	238,933	259,762	277,954
46						
47						
48	* The commencing figure for completing this schedule is the most recent ODV value					
49	Note: Additional columns to be added if required					

Notes to Annual Regulatory Valuation Roll-forward Report

AV1a: Calculation of Revaluation Rate and Indexed Revaluation of System Fixed Assets

57	CPI as at date of ODV	928				
58						
59						
60	For Year Ended	2005	2006	2007	2008	2009
61	CPI at CPI reference date	953	985	1010	1044	1075
62	Revaluation Rate	2.69%	3.36%	2.54%	3.37%	2.97%
63						
64	System Fixed Assets: Regulatory Value at End of Previous Year	193,833	210,575	221,825	238,932	259,761
65	Indexed Revaluation of System Fixed Assets	5,222	7,071	5,630	8,043	7,713 to FS1, AV1

AV1b: Input for prior year Acquisitions (Sales) of Assets to (from) another ELB

68		(\$000)				
69	For Year Ended	2005	2006	2007	2008	2009
70	Acquisition of System Fixed Assets from another EDB					
71	Sale of System Fixed Assets to another EDB					
72	Net Acquisitions (Sales) of Non-System Fixed Assets from (to) an EDB					

REPORT AV2: REGULATORY VALUATION DISCLOSURE BY ASSET CLASS
(for System Fixed Assets)

Electricity Distribution Business: **Aurora Energy Ltd**
For Year Ended: **2009**

ref
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20
21

Subtotals by Asset Class (for System Fixed Assets)

(\$000)

	Subtransmission	Zone Substations	Distribution & LV Lines	Distribution & LV Cables	Distribution Substations and Transformers	Distribution Switchgear	Other System Fixed Assets	Total for System Fixed Assets (per AV1)	
System Fixed Assets									
Regulatory Value of System Fixed Assets (as per most recent ODV)	15,562	28,643	40,514	64,018	29,988	14,042	1,066	193,833	from AV1
Cumulative roll-forward since most recent ODV:									
Asset Additions								79,047	from AV1
Indexed Revaluation (of System Fixed Assets)								33,679	from AV1
less Regulatory Depreciation (of System Fixed Assets)								33,663	from AV1
Net Acquisitions (Sales) of System Fixed Assets from (to) an EDB								-	from AV1
Net Increase (Decrease) Due to Changes in Asset Register Information								5,057	from AV1
Regulatory Value of System Fixed Assets at Year End								277,953	from AV1

REPORT AV3: SYSTEM FIXED ASSETS REPLACEMENT COST ROLL-FORWARD REPORT

ref		Electricity Distribution Business:	Aurora Energy Ltd
5		For Year Ended:	2009
6	System Fixed Assets - Replacement Cost		
7		(\$000)	
8	Replacement cost at end of previous year	522,378	
9			
10	Asset Additions	18,139	AV3a
11	Indexed Revaluation (of System Fixed Assets)	15,511	
12	<i>less</i> Replacement Cost of Assets Decommissioned	813	
13	Net Acquisitions (Sales) of System Fixed Assets from (to) an EDB	-	from AV4
14	Net Increase (Decrease) Due to Changes in Asset Register Information	-	
15	Replacement cost of System Fixed Assets at year end	555,215	
16			
17			
18	System Fixed Assets - Depreciated Replacement Cost		
19			
20	Depreciated Replacement Cost at end of previous year	264,365	
21			
22	Asset Additions	18,139	AV3a
23	Indexed Revaluation (of System Fixed Assets)	7,850	
24	<i>less</i> Depreciation of Replacement Cost	7,295	
25	<i>less</i> Depreciated Replacement Cost of Assets Decommissioned	365	
26	Net Acquisitions (Sales) of System Fixed Assets from (to) an EDB	-	from AV4
27	Net Increase (Decrease) Due to Changes in Asset Register Information	-	
28	Depreciated replacement cost of System Fixed Assets at year end	282,694	

REPORT AV3: SYSTEM FIXED ASSETS REPLACEMENT COST ROLL-FORWARD REPORT (con

Notes to Price and Quality Measures

36	AV3a: New Asset Additions		
37			
38	Asset Additions - Depreciated Replacement Cost	18,139	from AV1
39	<i>plus</i> Difference in Replacement Cost and Depreciated Replacement Cost values of Asset Additions	-	
40			
41	Asset Additions - Replacement Cost	18,139	
42			

REPORT AV4: BUSINESS MERGER, ACQUISITION OR SALE - REGULATORY ASSET BASE DISCLOSURE

Electricity Distribution Business: Aurora Energy Ltd

6 Disclosure required? (YES or NIL DISCLOSURE): NO DISCLOSURE REQUIRED

As at (date):

Proportion of year following transfer of assets 0%

12 **PART 1: Most recent ODV valuation of System Fixed Assets transferred**

(\$000)

	Subtransmission	Zone substations	Distribution & LV Lines	Distribution & LV Cables	Distribution substations and transformers	Distribution switchgear	Other System Fixed Assets	Total for System Fixed Assets
13								
14	Replacement Cost (RC)							
15								
16	less Depreciation							
17	-	-	-	-	-	-	-	-
18	Depreciated Replacement Cost (DRC)							
19	less Optimisation adjustment							
20	-	-	-	-	-	-	-	-
21	Optimised Depreciated Replacement Cost (ODRC)							
22	less Economic Value Adjustment (EVA)							
23	-	-	-	-	-	-	-	-
24	Most recent ODV value							

26 **PART 2: Valuation disclosure for transferred assets by Asset Class (at transfer date)**

(\$000)

	Total for System Fixed Assets	Non-System Fixed Assets	Total RAB value (excl. FDC)
27			
28	-		
29	Regulatory Value of System Fixed Assets (as per most recent ODV)		
30	Cumulative roll-forward since most recent ODV:		
31			
32			
33			
34			
35			
36			
37	-		-
38			
39			
40			
41			
42	-		
43	0%		
44		-	
45			
46			

47 **PART 3: Rolled-forward Replacement Cost values for System Fixed Assets transferred**

(\$000)

	RC & DRC values of System Fixed Assets at transfer date	RAB value of acquired/(sold) assets	
48			
49		-	to AV3
50		-	to AV3
51			

Signed by: Selling Entity

Acquiring Entity

E DISCLOSURE RELATING TO FINANCIAL AND EFFICIENCY PERFORMANCE MEASURES (REQUIREMENT 6(1) - TOTAL BUSINESS)

REPORT MP1: NETWORK INFORMATION

(Separate report required for each Non-Contiguous Network)

ref		Electricity Distribution Business:	Aurora Energy Ltd	
6			For Year Ended:	2009
7	Network Name:	Total Business (enter "Total Business" or name of network)		
9	Disclosure:	Annual Disclosure - Requirement 6(1)		
10	Circuit Length by Operating Line Voltage (at year end)	Overhead (km)	Underground (km)	Total (km)
11				
12	> 66kV	-	-	-
13	50kV & 66kV	109	0	109
14	33kV	386	93	479
15	SWER (all SWER voltages)	9	-	9
16	22kV (other than SWER)	-	-	-
17	6.6kV to 11kV (inclusive - other than SWER)	2,341	805	3,146
18	Low Voltage (< 1kV)	1,056	745	1,801
19	Total circuit length (for Supply)	3,901	1,644	5,544
20				to MP2
21	Dedicated Street Lighting Circuit Length	51	150	201
22				
23	Overhead Circuit Length by Terrain (at year end)	(km)	(%)	
24	Urban (only)	1,127	29%	
25	Rural (only)	2,640	68%	
26	Remote (only)	-	0%	
27	Rugged (only)	1	0%	
28	Rural & rugged (only)	133	3%	
29	Remote & rugged (only)	-	0%	
30	Unallocated overhead lines	-	0%	
31	Total overhead length	3,901	100%	
32				
33				
34	Transformer capacity (at year end)			Previous Year
35	Distribution Transformer Capacity (EDB Owned)	797	MVA	777
36	Distribution Transformer Capacity (Non-EDB Owned, Estimated)	63	MVA	63
37	Total Distribution Transformer Capacity	860	MVA (to MP2)	840
38				
39	Zone Substation Transformer Capacity	797	MVA	797
40				
41	System Fixed Assets age (at year end)			
42	Average Age of System Fixed Assets	26	Years	
43	Average Expected Total Life of System Fixed Assets	52	Years	
44	Average Age as a Proportion of Average Expected Total Life	51%	%	
45				
46	Estimated Proportion of Assets (by Replacement Cost) within 10 years of Total Life	23%	%	
47				
48				
49				
50				
51	Electricity demand	Maximum coincident system demand (MW)	Non-coincident Sum of maximum demands (MW)	
52				
53	GXP Demand	229	270	
54	plus Embedded Generation Output at HV and Above	46		
55	Maximum System Demand	275		
56	less Net Transfers to (from) Other EDBs at HV and Above	0		
57	Demand on system for supply to customers' Connection Points	275		
58	less Subtransmission Customers' Connection Point Demand	0	0	
59	Maximum Distribution Transformer Demand	275		to MP2
60				
61	GXP Demand not Supplied at Subtransmission Level	0		
62	Embedded Generation Output - Connected to Subtransmission System	45	53	
63	Net Transfers to (from) Other EDBs at Subtransmission Level Only	-	-	
64				
65	Estimated Controlled Load Shed at Time of Maximum System Demand (MW)	40		
66				
67	Five-Year System Maximum Demand Growth Forecast	1.9	% p.a.	
68				
69	Electricity volumes carried	(GWh)		
70	Electricity Supplied from GXPs	1,184		
71	less Electricity Exports to GXPs	15		
72	plus Electricity Supplied from Embedded Generators	173		
73	less Net Electricity Supplied to (from) Other EDBs	(0)		
74	Electricity entering system for supply to customers' Connection Points	1,343		
75	less Electricity Supplied to Customers' Connection Points	1,266		to MP2
76	Electricity Losses (loss ratio)	77	5.7%	
77				
78	Electricity Supplied to Customers' Connection Points	1,266		
79	less Electricity Supplied to Largest 5 Connection Points	69		
80	Electricity supplied other than to Largest 5 Connection Points	1,198	95%	
81				
82	Load Factor	56%	%	
83				
84	Number of Connection Points (at year end)	80,686	ICPs	to MP2
85				
86	Intensity of service requirements			
87	Demand Density (Maximum Distribution Transformer Demand / Total circuit length)	50	kW/km	
88	Volume Density (Electricity Supplied to Customers' Connection Points / Total circuit length)	228	MWh/km	
89	Connection Point Density (ICPs / Total circuit length)	15	ICP/km	
90	Energy Intensity (Electricity Supplied to Customers' Connection Points / ICP)	15,693	kWh/ICP	

REPORT MP2: PERFORMANCE MEASURES

ref	Electricity Distribution Business:	Aurora Energy Ltd				
	For Year Ended:	2009				
5						
6	Performance comparators					
7		Previous Years:	Current Financial Year			
8		Current Yr - 3	Current Yr - 2			
9		Current Yr - 1				
10	Operational expenditure ratio					
11	<i>Total Operational Expenditure</i>		18			
12	<i>Replacement Cost of System Fixed Assets (at year end*)</i>		522			
13	Ratio (%)	Not defined	3.48%			
14			20			
15			555			
16			3.57%			
17						
18	Capital expenditure ratio					
19	<i>Total Capital Expenditure on System Fixed Assets</i>		18			
20	<i>Replacement Cost of System Fixed Assets (at year end*)</i>		522			
21	Ratio (%)	Not defined	3.47%			
22			19			
23			555			
24			3.34%			
25	Capital expenditure growth ratio					
26	<i>Capital Expenditure: Customer Connection and System Growth</i>		-			
27	<i>Change in Total Distribution Transformer Capacity</i>		10			
28	\$/kVA	Not defined	-			
29			21			
30			-			
31			8			
32			0%			
33	Renewal expenditure ratio					
34	<i>Capital & Operational Expenditure: Asset Replacement, Refurbishment and Renewal</i>		-			
35	<i>Regulatory Depreciation of System Fixed Assets</i>		7			
36	Ratio (%)	Not defined	0%			
37						
38	Distribution Transformer Capacity Utilisation					
39	<i>Maximum Distribution Transformer Demand</i>	269	276			
40	<i>Total Distribution Transformer Capacity (at year end*)</i>	800	829			
41	Ratio (%)	33.6%	33.2%			
42			283			
43			275			
44			860			
45			31.9%			
46	Return on Investment					
47	<i>Regulatory Profit / Loss (pre-financing and distributions)</i>		34			
48	<i>less Interest Tax Shield Adjustment</i>		3			
49	<i>Adjusted Regulatory Profit</i>	-	-			
50	<i>Regulatory Investment Value</i>		253			
51	Ratio (%)	Not defined	12.40%			
52			34			
53			3			
54			32			
55			275			
56			11.49%			
57						
58	Expenditure comparison table					
59		Expenditure metrics (\$ per):				
60						
61		Total circuit length (for Supply)	Electricity Supplied to Customers' Connection Points	Maximum coincident system demand	Connection Point	Distribution Transformer Capacity (EDB-Owned)
62		(\$/km)	(\$/MWh)	(\$/MW)	(\$/ICP)	(\$/MVA)
63	Capital Expenditure (\$) per	3,341	15	67,406	230	23,247
64	Operational Expenditure (\$) per	3,575	16	72,129	246	24,876
65						

* If a Merger or Asset Transfer with another EDB was entered into during the year, the denominators are calculated as time-weighted averages.

REPORT MP3: PRICE & QUALITY MEASURES
(Separate report required for each Non-contiguous Network)

Electricity Distribution Business: **Aurora Energy Ltd**

For Year Ended: **2009**

Network Name: **Total Business**
Disclosure: **Annual Disclosure - Requirement 6(1)**

QUALITY

Interruptions

Interruptions by class

Class A	-	planned interruptions by Transpower:
Class B	223	planned interruptions on the network
Class C	388	unplanned interruptions on the network
Class D	-	unplanned interruptions by Transpower
Class E	-	unplanned interruptions of network owned generation
Class F	2	unplanned interruptions of generation (non-network)
Class G	1	unplanned interruptions caused by other electricity industry participant
Class H	-	planned interruptions caused by other electricity industry participant
Total	614	Total of above

Interruption targets for Forecast Year

Class B	235	planned interruptions on the network
Class C	440	unplanned interruptions on the network

Average interruption targets for 5 Forecast Years

Class B	230	planned interruptions on the network
Class C	435	unplanned interruptions on the network

Class C interruptions restored within

≤3Hrs	333	>3hrs	55
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Faults

Faults per 100 circuit kilometres

The total number of faults for Current Financial Year	9.24	in year	2009
The total number of faults forecast for the Forecast Year	10.60	in year	2010
The average annual number of faults forecast for the 5 Forecast Years	10.50	average over years	2010-2014

Fault Information per 100 circuit kilometres by Voltage and Type

	6.6kV & 11kV non-SWGR		22kV non-SWGR	SWGR	33kV	50kV & 66kV	>66kV
	Yes	No	Yes	Yes	Yes	Yes	No
Is this voltage part of the EDB system?							
Current Financial Year	9.98		-	5.83	3.66		
Forecast Year	11.40		11.40	6.50	6.00		
Average annual for 5 Forecast Years	11.30		11.30	6.40	5.90		

Fault Information per 100 circuit kilometres by Voltage and Type

	6.6kV & 11kV non-SWGR		22kV non-SWGR	SWGR	33kV	50kV & 66kV	>66kV
	Underground	Overhead	NA	1.07	-	6.97	3.67
Underground	2.90						
Overhead	12.38						

Reliability

Overall reliability

Based on the total number of interruptions	SAIDI	SAIFI	CAIDI
	68.01	1.23	55.40

Reliability by interruption class

Class B	SAIDI	SAIFI	CAIDI
	8.82	0.05	160.50
Class C	SAIDI	SAIFI	CAIDI
	59.15	1.17	50.50

Targets for Forecast Year

Class B	SAIDI	SAIFI	CAIDI
	15.00	0.13	120.00
Class C	SAIDI	SAIFI	CAIDI
	72.00	1.31	55.00

Average targets for 5 Forecast Years

Class B	SAIDI	SAIFI	CAIDI
	14.40	0.12	120.00
Class C	SAIDI	SAIFI	CAIDI
	70.60	1.28	55.00

PRICES

Price information by Connection Point Class

	Connection Point Class					Total	
	Small Connection Points	Medium Connection Points	Large Connection Points	Largest 5 Connection Points			
Gross line charge income (\$000)	44,187	9,346	16,864	1,462	71,859		from FS1
Electricity Supplied to Customers' Connection Points (MWh)	631,469	175,952	390,231	68,572	1,266,224		from MP1
Number of Connection Points (ICPs) at year end	74,871	4,745	1,065	5	80,686		from MP1
Unit Price (cents/kWh)	7.0	5.3	4.3	2.1	5.7		
Relative Unit Price Index	1.00	0.76	0.62	0.30	0.81		

REPORT MP3: PRICE AND QUALITY (cont)

Notes to Price and Quality Measures

MP3a: Connection Point Class breakpoints

Connection Point Class breakpoints methodology

kVA based breakpoints

kVA based breakpoints - additional disclosure

Breakpoint between small and medium classes

16 kVA

Breakpoint between large and medium classes

70 kVA

F DISCLOSURE RELATING TO FINANCIAL AND EFFICIENCY PERFORMANCE MEASURES (REQUIREMENT 6(1) - DUNEDIN)

REPORT MP1: NETWORK INFORMATION

(Separate report required for each Non-Contiguous Network)

ref	Electricity Distribution Business:	Aurora Energy Ltd		
6		For Year Ended:	2009	
7	Network Name:	Dunedin (enter "Total Business" or name of network)		
9	Disclosure:	Annual Disclosure - Requirement 6(1)		
10	Circuit Length by Operating Line Voltage (at year end)	Overhead (km)	Underground (km)	Total (km)
11	> 66kV	-	-	-
12	50kV & 66kV	-	-	-
13	33kV	144	79	223
14	SWER (all SWER voltages)	9	-	9
15	22kV (other than SWER)	-	-	-
16	6.6kV to 11kV (inclusive - other than SWER)	735	293	1,029
17	Low Voltage (< 1kV)	820	205	1,024
18	Total circuit length (for Supply)	1,708	577	2,285
19				to MP2
20	Dedicated Street Lighting Circuit Length	49	93	142
21				
22	Overhead Circuit Length by Terrain (at year end)	(km)	(%)	
23	Urban (only)	918	54%	
24	Rural (only)	790	46%	
25	Remote (only)	-	0%	
26	Rugged (only)	0	0%	
27	Rural & rugged (only)	0	0%	
28	Remote & rugged (only)	-	0%	
29	Unallocated overhead lines	-	0%	
30	Total overhead length	1,708	100%	
31				
32				
33				
34	Transformer capacity (at year end)			Previous Year
35	Distribution Transformer Capacity (EDB Owned)	471 MVA		468
36	Distribution Transformer Capacity (Non-EDB Owned, Estimated)	45 MVA		47
37	Total Distribution Transformer Capacity	516 MVA (to MP2)		514
38				
39	Zone Substation Transformer Capacity	574 MVA		574
40				
41	System Fixed Assets age (at year end)			
42	Average Age of System Fixed Assets	34	Years	
43	Average Expected Total Life of System Fixed Assets	54	Years	
44	Average Age as a Proportion of Average Expected Total Life	63%	%	
45				
46	Estimated Proportion of Assets (by Replacement Cost) within 10 years of Total Life	33%	%	
47				
48				
49				
50	Electricity demand	Maximum coincident system demand (MW)	Non-coincident Sum of maximum demands (MW)	
51				
52				
53	GXP Demand	168	190	
54	plus Embedded Generation Output at HV and Above	25		
55	Maximum System Demand	193		
56	less Net Transfers to (from) Other EDBs at HV and Above	-		
57	Demand on system for supply to customers' Connection Points	193		
58	less Subtransmission Customers' Connection Point Demand	-		
59	Maximum Distribution Transformer Demand	193		to MP2
60				
61	GXP Demand not Supplied at Subtransmission Level	-		
62	Embedded Generation Output - Connected to Subtransmission System	25	30	
63	Net Transfers to (from) Other EDBs at Subtransmission Level Only	-		
64				
65	Estimated Controlled Load Shed at Time of Maximum System Demand (MW)	28		
66				
67	Five-Year System Maximum Demand Growth Forecast	1.0	% p.a.	
68				
69	Electricity volumes carried	(GWh)		
70	Electricity Supplied from GXPs	868		
71	less Electricity Exports to GXPs	-		
72	plus Electricity Supplied from Embedded Generators	49		
73	less Net Electricity Supplied to (from) Other EDBs	-		
74	Electricity entering system for supply to customers' Connection Points	917		
75	less Electricity Supplied to Customers' Connection Points	864		to MP2
76	Electricity Losses (loss ratio)	52	5.7%	%
77				
78	Electricity Supplied to Customers' Connection Points	864		
79	less Electricity Supplied to Largest 5 Connection Points	69		
80	Electricity supplied other than to Largest 5 Connection Points	796	92%	%
81				
82	Load Factor	54%	%	
83				
84	Number of Connection Points (at year end)	53,101	ICPs	to MP2
85				
86	Intensity of service requirements			
87	Demand Density (Maximum Distribution Transformer Demand / Total circuit length)	84	kW/km	
88	Volume Density (Electricity Supplied to Customers' Connection Points / Total circuit length)	378	MWh/km	
89	Connection Point Density (ICPs / Total circuit length)	23	ICP/km	
90	Energy Intensity (Electricity Supplied to Customers' Connection Points / ICP)	16,275	kWh/ICP	

REPORT MP3: PRICE & QUALITY MEASURES

(Separate report required for each Non-contiguous Network)

Electricity Distribution Business: **Aurora Energy Ltd**
 For Year Ended: **2009**
 Network Name: **Dunedin**
 Disclosure: **Annual Disclosure - Requirement 6(1)**

QUALITY

Interruptions

Interruptions by class

Class A	-	planned interruptions by Transpower
Class B	26	planned interruptions on the network
Class C	137	unplanned interruptions on the network
Class D	-	unplanned interruptions by Transpower
Class E	-	unplanned interruptions of network owned generation
Class F	-	unplanned interruptions of generation (non-network)
Class G	-	unplanned interruptions caused by other electricity industry participant
Class H	-	planned interruptions caused by other electricity industry participant
Total	163	Total of above

Interruption targets for Forecast Year

2010 Current Financial Year +1

Class B	25	planned interruptions on the network
Class C	140	unplanned interruptions on the network

Average interruption targets for 5 Forecast Years

2010-2014 Current Financial Year +1 to +5

Class B	25	planned interruptions on the network
Class C	140	unplanned interruptions on the network

Class C interruptions restored within

≤3Hrs	115	>3hrs	22
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Faults

Faults per 100 circuit kilometres

The total number of faults for Current Financial Year	8.17	in year	2009
The total number of faults forecast for the Forecast Year	8.90	in year	2010
The average annual number of faults forecast for the 5 Forecast Years	8.80	average over years	2010-2014

Fault Information per 100 circuit kilometres by Voltage and Type

	6.6kV & 11kV non-SWGR		22kV non-SWGR		33kV	50kV & 66kV	>66kV
	Yes	No	Yes	No	Yes	No	No
Is this voltage part of the EDB system?							
Current Financial Year	8.96		8.96		8.96		
Forecast Year	9.50		9.50		9.50		
Average annual for 5 Forecast Years	9.40		9.40		9.40		

Fault Information per 100 circuit kilometres by Voltage and Type

	6.6kV & 11kV non-SWGR		22kV non-SWGR		33kV	50kV & 66kV	>66kV
Underground	3.42		NA		-		
Overhead	11.26		-		6.92		

Reliability

Overall reliability

Based on the total number of interruptions

SAIDI	SAIFI	CAIDI
28.51	0.53	53.40

Reliability by interruption class

Class B

Class C

SAIDI	SAIFI	CAIDI
0.74	0.00	174.10
27.77	0.53	52.50

Targets for Forecast Year

Class B

Class C

SAIDI	SAIFI	CAIDI
4.00	0.05	75.00
37.00	0.69	54.00

Average targets for 5 Forecast Years

Class B

Class C

SAIDI	SAIFI	CAIDI
4.00	0.05	75.00
37.00	0.69	54.00

PRICES

Price information by Connection Point Class

	Connection Point Class				Total	Error (FS1) from MP1 from MP1
	Small Connection Points	Medium Connection Points	Large Connection Points	Largest 5 Connection Points		
Gross line charge income (\$000)	26,025	4,670	9,430	1,462	41,588	
Electricity Supplied to Customers' Connection Points (MWh)	434,762	97,956	262,916	68,572	864,206	
Number of Connection Points (ICPs) at year end	49,975	2,527	594	5	53,101	
Unit Price (cents/kWh)	6.0	4.8	3.6	2.1	4.8	
Relative Unit Price Index	1.00	0.80	0.60	0.36	0.80	

REPORT MP3: PRICE AND QUALITY (cont)

Notes to Price and Quality Measures

MP3a: Connection Point Class breakpoints

Connection Point Class breakpoints methodology

kVA based breakpoints

kVA based breakpoints - additional disclosure

Breakpoint between small and medium classes

16 kVA

Breakpoint between large and medium classes

70 kVA

G DISCLOSURE RELATING TO FINANCIAL AND EFFICIENCY PERFORMANCE MEASURES (REQUIREMENT 6(1) - CENTRAL OTAGO)

REPORT MP1: NETWORK INFORMATION

(Separate report required for each Non-Contiguous Network)

ref	Electricity Distribution Business:	Aurora Energy Ltd	
6		For Year Ended:	2009
7	Network Name:	Central	(enter "Total Business" or name of network)
	Disclosure:	Annual Disclosure - Requirement 6(1)	
9	Circuit Length by Operating Line Voltage (at year end)		
10		Overhead (km)	Underground (km)
11			Total (km)
12	> 66kV	-	-
13	50kV & 66kV	109	0
14	33kV	242	14
15	SWER (all SWER voltages)	-	-
16	22kV (other than SWER)	-	-
17	6.6kV to 11kV (inclusive - other than SWER)	1,605	510
18	Low Voltage (< 1kV)	236	535
19	Total circuit length (for Supply)	2,193	1,060
20			3,252
21			to MP2
22	Dedicated Street Lighting Circuit Length	2	55
23		57	
24	Overhead Circuit Length by Terrain (at year end)		
25		(km)	(%)
26	Urban (only)	209	10%
27	Rural (only)	1,850	84%
28	Remote (only)	-	0%
29	Rugged (only)	1	0%
30	Rural & rugged (only)	133	6%
31	Remote & rugged (only)	-	0%
32	Unallocated overhead lines	-	0%
33	Total overhead length	2,193	100%
34	Transformer capacity (at year end)		
35	Distribution Transformer Capacity (EDB Owned)	325 MVA	Previous Year 309
36	Distribution Transformer Capacity (Non-EDB Owned, Estimated)	18 MVA	16
37	Total Distribution Transformer Capacity	343 MVA (to MP2)	324
38			
39	Zone Substation Transformer Capacity	223 MVA	223
40			
41	System Fixed Assets age (at year end)		
42	Average Age of System Fixed Assets	18	Years
43	Average Expected Total Life of System Fixed Assets	50	Years
44	Average Age as a Proportion of Average Expected Total Life	37%	%
45			
46	Estimated Proportion of Assets (by Replacement Cost) within 10 years of Total Life	14%	%
47			
48			
49			
50			
51	Electricity demand		
52		Maximum coincident system demand (MW)	Non-coincident Sum of maximum demands (MW)
53	GXP Demand	74	80
54	plus Embedded Generation Output at HV and Above	17	
55	Maximum System Demand	91	
56	less Net Transfers to (from) Other EDBs at HV and Above	1	
57	Demand on system for supply to customers' Connection Points	91	
58	less Subtransmission Customers' Connection Point Demand	0	0
59	Maximum Distribution Transformer Demand	91	
60			to MP2
61	GXP Demand not Supplied at Subtransmission Level	0	
62	Embedded Generation Output - Connected to Subtransmission System	17	22
63	Net Transfers to (from) Other EDBs at Subtransmission Level Only	-	-
64			
65	Estimated Controlled Load Shed at Time of Maximum System Demand (MW)	17	
66			
67	Five-Year System Maximum Demand Growth Forecast	3.8	% p.a.
68			
69	Electricity volumes carried		
70		(GWh)	
71	Electricity Supplied from GXPs	316	
72	less Electricity Exports to GXPs	15	
73	plus Electricity Supplied from Embedded Generators	124	
74	less Net Electricity Supplied to (from) Other EDBs	-	
75	Electricity entering system for supply to customers' Connection Points	426	
76	less Electricity Supplied to Customers' Connection Points	402	
77	Electricity Losses (loss ratio)	24	5.7%
78			to MP2
79	Electricity Supplied to Customers' Connection Points	402	
80	less Electricity Supplied to Largest 5 Connection Points	14	
81	Electricity supplied other than to Largest 5 Connection Points	388	97%
82			
83	Load Factor	54%	%
84			
85	Number of Connection Points (at year end)	27,535	ICPs
86			to MP2
87	Intensity of service requirements		
88	Demand Density (Maximum Distribution Transformer Demand / Total circuit length)	28	kW/km
89	Volume Density (Electricity Supplied to Customers' Connection Points / Total circuit length)	124	MWh/km
90	Connection Point Density (ICPs / Total circuit length)	8	ICP/km
91	Energy Intensity (Electricity Supplied to Customers' Connection Points / ICP)	14,590	kWh/ICP

REPORT MP3: PRICE & QUALITY MEASURES
(Separate report required for each Non-contiguous Network)

Electricity Distribution Business: **Aurora Energy Ltd**
For Year Ended: **2009**

Network Name: **Central**
Disclosure: **Annual Disclosure - Requirement**

QUALITY

Interruptions

Interruptions by class

Class A	-	planned interruptions by Transpower
Class B	197	planned interruptions on the network
Class C	251	unplanned interruptions on the network
Class D	-	unplanned interruptions by Transpower
Class E	-	unplanned interruptions of network owned generation
Class F	2	unplanned interruptions of generation (non-network)
Class G	-	unplanned interruptions caused by other electricity industry participant
Class H	-	planned interruptions caused by other electricity industry participant
Total	450	Total of above

Interruption targets for Forecast Year

Class B	2010	Current Financial Year +1
Class C	210	planned interruptions on the network
	300	unplanned interruptions on the network

Average interruption targets for 5 Forecast Years

Class B	2010-2014	Current Financial Year +1 to +5
Class C	205	planned interruptions on the network
	295	unplanned interruptions on the network

Class C interruptions restored within

≤3Hrs	>3hrs
218	33

Faults

Faults per 100 circuit kilometres

The total number of faults for Current Financial Year	9.79	in year	2009
The total number of faults forecast for the Forecast Year	11.40	in year	2010
The average annual number of faults forecast for the 5 Forecast Years	11.30	average over years	2010-2014

Fault Information per 100 circuit kilometres by Voltage and Type

	6.6kV & 11kV non-SWGR		22kV non-SWGR		33kV		50kV & 66kV		>66kV	
	Yes	No	No	No	Yes	Yes	Yes	No	No	No
Is this voltage part of the EDB system?										
Current Financial Year	10.45				7.00		3.66			
Forecast Year	12.30				6.50		6.00			
Average annual for 5 Forecast Years	12.20				6.40		5.90			

Fault Information per 100 circuit kilometres by Voltage and Type

	6.6kV & 11kV non-SWGR		22kV non-SWGR		33kV		50kV & 66kV		>66kV	
	Underground	Overhead								
Underground	2.60				7.07		-			
Overhead	12.89				7.00		3.67			

Reliability

Overall reliability

Based on the total number of interruptions	SAIDI	SAIFI	CAIDI
	144.80	2.58	56.20

Reliability by interruption class

Class B	SAIDI	SAIFI	CAIDI
Class C	120.24	2.42	49.60

Targets for Forecast Year

Class B	SAIDI	SAIFI	CAIDI
Class C	36.18	0.26	140.00
	139.38	3.32	42.00

Average targets for 5 Forecast Years

Class B	SAIDI	SAIFI	CAIDI
Class C	34.01	0.24	140.00
	133.96	3.19	42.00

PRICES

Price information by Connection Point Class

	Connection Point Class				Total	
	Small Connection Points	Medium Connection Points	Large Connection Points	Largest 5 Connection Points		
Gross line charge income (\$000)	18,136	4,673	6,845	589	30,243	
Electricity Supplied to Customers' Connection Points (MWh)	196,446	77,971	113,670	13,645	401,732	from MP1
Number of Connection Points (ICPs) at year end	24,848	2,216	466	5	27,535	from MP1
Unit Price (cents/kWh)	9.2	6.0	6.0	4.3	7.5	
Relative Unit Price Index	1.00	0.65	0.65	0.47	0.82	

REPORT MP3: PRICE AND QUALITY (cont)

Notes to Price and Quality Measures

MP3a: Connection Point Class breakpoints

Connection Point Class breakpoints methodology: **kVA based breakpoints**

kVA based breakpoints - additional disclosure

Breakpoint between small and medium classes	16 kVA
Breakpoint between large and medium classes	70 kVA

H DISCLOSURE RELATING TO ASSET MANAGEMENT PLANS (REQUIREMENT 7(5))

REPORT AM1: EXPENDITURE FORECASTS AND RECONCILIATION

ref		Electricity Distribution Business: Aurora Energy Ltd						
		For Year Ended 2009						
		(\$000)						
5	A) Five year forecasts of expenditure							
6								
7	<i>From most recent Asset Management Plan</i>							
			Forecast Years					
		Actual for Current Financial Year	year 1	year 2	year 3	year 4	year 5	
8								
9	<i>for year ended</i>	2009	2010	2011	2012	2013	2014	
10	Capital Expenditure: Customer Connection	-	5,000	5,000	8,200	8,200	8,200	<i>from FS2</i>
11	Capital Expenditure: System Growth	-	3,650	4,000	6,700	6,000	7,200	<i>from FS2</i>
12	Capital Expenditure: Reliability, Safety and Environment	-	500	500	500	500	500	<i>from FS2</i>
13	Capital Expenditure: Asset Replacement and Renewal	-	5,460	5,060	3,240	4,370	3,630	<i>from FS2</i>
14	Capital Expenditure: Asset Relocations	-	400	400	400	400	400	<i>from FS2</i>
15	Subtotal - Capital Expenditure on asset management	17,538	15,010	14,960	19,040	19,470	19,930	
16								
17	Operational Expenditure: Routine and Preventative Maintenance	-	3,410	3,501	3,596	3,692	3,792	<i>from FS1</i>
18	Operational Expenditure: Refurbishment and Renewal Maintenance	-	956	982	1,009	1,037	1,066	<i>from FS1</i>
19	Operational Expenditure: Fault and Emergency Maintenance	-	4,154	4,250	4,345	4,442	4,542	<i>from FS1</i>
20	Subtotal - Operational Expenditure on asset management	10,497	8,520	8,733	8,950	9,171	9,400	
21								
22	Total direct expenditure on distribution network	28,035	23,530	23,693	27,990	28,641	29,330	
23								
24	Overhead to Underground Conversion Expenditure		2,410	2,450	2,490	2,530	2,580	
25								
26	<i>The Electricity Distribution Business is to provide the amount of Overhead to Underground Conversion Expenditure included in each of the above Expenditure Categories (explanatory notes can be provided in a separate note if necessary).</i>							<i>OH to UG expenditure is included in Capital Expenditure - Asset Replacement and Renewal</i>
27								
28								
29								
30								
31	B) Variance between Previous Forecast for the Current Financial Year, and Actual Expenditure							
32		Actual for Current Financial Year (a)	Previous forecast for Current Financial Year (b)	% Variance (a)/(b)-1				
33								
34	Capital Expenditure: Customer Connection	-		Not defined				<i>from row 10</i>
35	Capital Expenditure: System Growth	-		Not defined				<i>from row 11</i>
36	Capital Expenditure: Asset Replacement and Renewal	-		Not defined				<i>from row 12</i>
37	Capital Expenditure: Reliability, Safety and Environment	-		Not defined				<i>from row 13</i>
38	Capital Expenditure: Asset Relocations	-		Not defined				<i>from row 14</i>
39	Subtotal - Capital Expenditure on asset management			Not defined				
40								
41	Operational Expenditure: Routine and Preventative Maintenance	-		Not defined				<i>from row 17</i>
42	Operational Expenditure: Refurbishment and Renewal Maintenance	-		Not defined				<i>from row 18</i>
43	Operational Expenditure: Fault and Emergency Maintenance	-		Not defined				<i>from row 19</i>
44	Subtotal - Operational Expenditure on asset management			Not defined				
45								
46	Total direct expenditure on distribution network	-	-	Not defined				
47								
48								
49	Explanation of variances							
50	<i>Distribution Business must provide a brief explanation for any line item variance of more than 10%</i>							
51								
52	<i>Explanatory notes (can be provided in a separate note if necessary):</i>							
53								
54								
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63								

**I DISCLOSURE RELATING TO PERFORMANCE MEASURES (REQUIREMENT 14(7))
- ORIGINAL REQUIREMENTS**

Disclosure of financial performance measures and efficiency performance measures under requirement 14 (7) of the Electricity Information Disclosure Requirements 2008

	2009	2008	2007	2006
Efficiency performance measures				
(a) Direct line costs per kilometre	\$2,740	\$2,548	\$2,185	\$2,108
(b) Indirect line costs per electricity consumer	\$36.70	\$33.89	\$30.52	\$27.84

