

Electricity Invercargill Limited

DEFAULT PRICE QUALITY PATH COMPLIANCE STATEMENT

FOR THE ASSESSMENT DATE 31 MARCH 2012

*Pursuant to the Commerce Act (Electricity Distribution Default Price-
Quality Path) Determination 2010*

31 May 2012

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1) Compliance with the Price Path (Clause 11.1(a))

Electricity Invercargill Limited does comply with the price path at the assessment date, 31 March 2012, as specified in the *Commerce Act (Electricity Distribution Default Price-Quality Path) Determination 2010*.

Clause 8.4 - The notional revenue (NR_t) of a Non-exempt EDB at any time during the Assessment Period must not exceed the allowable notional revenue (R_t) for the Assessment Period.

Compliance is demonstrated in the following tables. The first table demonstrates that notional revenue derived using posted prices at the end of the Assessment Period is less than allowable notional revenue. The second table demonstrates that the maximum notional revenue during the Assessment Period does not exceed allowable notional revenue thus illustrating that at no time during the Assessment Period is the price path breached.

Test:	$\frac{NR_{2012}}{R_{2012}} \leq 1$
NR_{2012} :	\$12,262,979
R_{2012} :	\$12,369,091
Result:	0.9914 < 1
Result:	<i>Price Path has not been breached</i>

Test:	$\frac{NR_{Max}}{R_{2012}} \leq 1$
NR_{Max} :	\$12,262,979
R_{2012} :	\$12,369,091
Result:	0.9914 < 1
Result:	<i>Price Path has not been breached</i>

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

2) Compliance with the Quality Standards (Clause 11.1(a))

Electricity Invercargill Limited does not comply with all requirements of the quality standards at the assessment date, 31 March 2012, as specified in the *Commerce Act (Electricity Distribution Default Price-Quality Path) Determination 2010*.

Clause 9.2 - A Non-exempt EDB's Assessed Values for an Assessment Period must not exceed its Reliability Limits for that Assessment Period.

Compliance is demonstrated in the following tables. The first table demonstrates compliance with the SAIDI Limit and the second table compliance with the SAIFI limit.

Test:	$\frac{SAIDI_{Assess\ 2012}}{SAIDI_{Limit}} \leq 1$	
SAIDI _{Assess 2012}		63.6322
SAIDI _{Limit}		45.6450
	1.3941	>1
Clause 9.1(a) Result:		<i>Exceeds Limit</i>

Test:	$\frac{SAIFI_{Assess\ 2012}}{SAIFI_{Limit}} \leq 1$	
SAIFI _{Assess 2012}		1.2950
SAIFI _{Limit}		1.1322
	1.1438	>1
Clause 9.1(a) Result:		<i>Exceeds Limit</i>

Supporting evidence is presented in Appendices D and E.

Prior Period Reliability Assessment (9.1(b))

Clause 9.1.(b) requires: compliance with annual reliability assessments for the two immediately preceding extant Assessment Periods

SAIDI _{Assess} 2011	44.7686	SAIFI _{Assess} 2011	1.18
SAIDI _{Limit}	45.6450	SAIFI _{Limit}	1.13
0.9808	< 1	1.0441	> 1
	<i>Does not Exceed Limit</i>		<i>Exceeds Limit</i>

Compliance Summary

Clause 9.1 A Non-exempt EDB must, in respect of each Assessment Period, either:

(a) comply with the annual reliability assessment specified in clause 9.2; or

(b) have complied with those annual reliability assessments for the two immediately preceding extant Assessment Periods

	SAIDI	SAIFI	Compliance
Compliance with 9.1(a)	Exceeds Limit	Exceeds Limit	<i>Does not Comply</i>
or			
Compliance with 9.1(b)	Does not Exceed Limit	Exceeds Limit	<i>Does not Comply</i>
Clause 9.1 Result:		<i>Does not Comply</i>	

Electricity Invercargill Limited (EIL) is an underground network and has one of New Zealand's lowest SAIFI and SAIDI limits at 1.13 times and 45.65 minutes based on outages for the reference period for the five years ended 31 March 2009.

The Default Price Quality Path is designed to remove statistically abnormal events from the quality reliability limit calculation by adjusting for Major Event Days that exceed Boundary Calculations. The current objective statistical approach used to arrive at Boundary Calculations has perverse outcomes for EDBs with large numbers of non-event days such as EIL. EIL had 105 event days in the five year (1825 day) reference period or 5.7%.

EIL's Boundary Calculations for SAIDI and SAIFI are 40.70 minutes and 1.18 times which represent 89% and 105% of the SAIDI and SAIFI limits respectively.

EIL has experienced four significant outages over the two years ended 31 March 2012. On 19 January 2012 the largest outage occurred and affected over 7,000 customers this resulted in an excess of 393,000 customer minutes (a SAIDI of 22.8 minutes and SAIFI of 0.406 times). The outage amounted to 50% of the SAIDI limit and 36% of the SAIFI limit for the year.


Due to the Boundary Calculation being 89% and 105% this outage and others that occurred during the year were not normalised as a Major Event Day.

Director Certification (Clause 11.1(c))

We Neil Douglas Boniface and Philip James Mulvey, being directors of Electricity Invercargill Limited certify that, having made all reasonable enquiry, to the best of our knowledge and belief, the attached Annual Compliance Statement of Electricity Invercargill Limited, and related information, prepared for the purposes of the *Commerce Act (Electricity Distribution Default Price-Quality Path) Determination 2010* are true and accurate.



Neil Douglas Boniface



Philip James Mulvey

31 May 2012



Independent Auditors' Report **to the readers of the Annual Compliance Statement of Electricity Invercargill Limited for the assessment period ended on 31 March 2012**

The Auditor-General is the auditor of Electricity Invercargill Limited (the Company). The Auditor-General has appointed me, Robert Harris, using the staff and resources of PricewaterhouseCoopers, to provide an opinion, on her behalf, on Electricity Invercargill Limited's Annual Compliance Statement for the assessment period ended on 31 March 2012 on pages 2 to 5 and 9 to 41 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 Electricity Invercargill Limited for the assessment period ended on 31 March 2012 and dated 31 May 2012 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 Electricity Invercargill Limited 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 2 and 9 to 37 of the Annual Compliance Statement.

In relation to the SAIDI and SAIFI statistics for the Reference Period and the Assessment Period ended on 31 March 2012, including the calculation of the Reliability Limits and the Assessed Values, which are relevant to the quality standards set out in clause 9 of the Determination, our audit included examination, on a test basis, of evidence relevant to the amounts and disclosures contained on pages 3 to 5 and 38 to 41 of the Annual Compliance Statement.



Independent Auditors' Report **Electricity Invercargill Limited**

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 Electricity Invercargill 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 Electricity Invercargill 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 the provision of other professional advisory services. We are not aware of any relationships between our firm and Electricity Invercargill Limited that, in our professional judgment, may reasonably be thought to impair our independence.

Opinion

In our opinion, the Annual Compliance Statement of Electricity Invercargill Limited for the Assessment Period ended on 31 March 2012, has been prepared, in all material respects, in accordance with the Determination.

Our audit was completed on 31 May 2012 and our opinion is expressed as at that date.

A handwritten signature in black ink, appearing to read 'Robert Harris', is written in a cursive style.

Robert Harris
On behalf of the Auditor-General
Christchurch, New Zealand

PricewaterhouseCoopers

Appendix A – Price Path Compliance Calculations (Clause 11.1(b)(i))

Clause 8.4

Notional Revenue for the year ending March 2012		
Term	Description	Value \$
$P_{2012} * Q_{2010}$	Prices at 31 March 2012 multiplied by 31 March 2010 Base Quantities	17,050,115
K_{2012}	Transmission Charges for year ending 31 March 2012	4,622,741
	Avoided Transmission Charges for year ending 31 March 2012	-
	Rates for year ending 31 March 2012	92,969
	Electricity Authority Levies for year ending 31 March 2012	43,822
	Commerce Act Levies for year ending 31 March 2012 + 1/5 of Commerce Act Levies for year ending 31 March 2010	27,604
NR_{2012}	Notional Revenue for the year ending 31 March 2012	12,262,979

Supported by P*Q schedules presented in Appendix B

Maximum Notional Revenue for the year ending March 2012		
Term	Description	Value \$
$P_{Max} * Q_{2010}$	Maximum Prices between 1 April 2011 and 31 March 2012 multiplied by 31 March 2010 Base Quantities	17,050,115
K_{2012}	Transmission Charges for year ending 31 March 2012	4,622,741
	Avoided Transmission Charges for year ending 31 March 2012	-
	Rates for year ending 31 March 2012	92,969
	Electricity Authority Levies for year ending 31 March 2012	43,822
	Commerce Act Levies for year ending 31 March 2012 + 1/5 of Commerce Act Levies for year ending 31 March 2010	27,604
NR_{Max}	Notional Revenue for the year ending 31 March 2012	12,262,979

Supported by P*Q schedules presented in Appendix B

Allowable Notional Revenue 2012		
Term	Description	Value \$
$P_{2011} * Q_{2010}$	Maximum Prices between 1 April 2010 and 31 March 2011 multiplied by 31 March 2010 Base Quantities	16,288,983
K_{2011}	Transmission Charges for year ending 31 March 2011	4,338,225
	Avoided Transmission Charges for 2011	-
	Rates for year ending 31 March 2011	83,676
	Electricity Commission Levies for year ending 31 March 2011	36,745
	Commerce Act Levies for year ending 31 March 2011 + 1/5 of Commerce Act Levies for year ending 31 March 2010	38,533
$R_{2011} - NR_{2011}$	Revenue Differential for year ending 31 March 2011	360,828
X	X Factor	0
$(1 + \Delta CPI_{2012})$	Average change in Consumer Price Index	1.0178
R_{2012}	Allowable Notional Revenue under the CPI-X Price Path for the year ending 31 March 2012	12,369,091

Supported by P*Q schedules presented in Appendix B

ΔCPI_{2012}			
Numerator		Denominator	
$CPI_{Dec2009}$	1093	$CPI_{Dec2008}$	1072
$CPI_{Mar2010}$	1097	$CPI_{Mar2009}$	1075
$CPI_{Jun2010}$	1099	$CPI_{Jun2009}$	1081
$CPI_{Sep2010}$	1111	$CPI_{Sep2009}$	1095
Total	4400	Total	4323
ΔCPI_{2012}	1.78%		

Revenue Differential 2011		
Term	Description	Value \$
R_{2011}	Allowable Notional Revenue under the CPI-X Price Path for the year ending 31 March 2011	11,714,126
NR_{2011}	Notional Revenue for the year ending 31 March 2011	11,353,298
$R_{2011} - NR_{2011}$	Allowable Notional Revenue less Notional Revenue for the year ending 31 March 2011	360,828

Appendix B – Price and Quantity Schedules (Clause 11.1(b)(i))

NR₂₀₁₂

Notional Revenue at Assessment Date (31 March 2012):

Notional Revenue at the Assessment Date (31 March 2012)

Customer Name	Capacity Code	Numbers	Fixed Charge per Day	Annual Fixed Charge
EIL City		31-Mar-10	31-Mar-12	
Single phase				
1-7.5 kVA (35 amp)	ND08P	14	\$ 0.5495	\$ 2,808
1-7.5 kVA (35 amp)	ND08Q	165	\$ 0.3822	\$ 23,018
7.5-20 kVA (80 amp)	ND20P	554	\$ 1.0154	\$ 205,324
7.5-20 kVA (80 amp)	ND20Q	11062	\$ 0.7050	\$ 2,846,529
20kVA (80 amp) Low	NDL20P	150	\$ 0.1500	\$ 8,213
20kVA (80 amp) Low	NDL20Q	2248	\$ -	\$ -
1-7.5 kVA (35 amp) Low	NDL08P	3	\$ 0.1500	\$ 164
1-7.5 kVA (35 amp) Low	NDL08Q	45	\$ -	\$ -
Non-Domestic Single Phase				
0-1 kVA	NS001L	2	\$ 0.0839	\$ 61
0-1 kVA	NS001P	32	\$ 0.3942	\$ 4,604
8 kVA 1 Phase - All Peak	NS008P	158	\$ 0.5495	\$ 31,690
8 kVA 1 Phase - With Off Peak	NS008Q	13	\$ 0.3822	\$ 1,814
20 kVA 1 Phase - All Peak	NS020P	287	\$ 1.0154	\$ 106,368
20 kVA 1 Phase - With Off Peak	NS020Q	118	\$ 0.7050	\$ 30,364

Three phase									
0-15kVA (20 amp)	NT015P	55	\$	0.8485	\$	17,034			
0-15kVA	NT015Q	9	\$	0.5495	\$	1,805			
15-30 kVA (45 amp)	NT030P	526	\$	1.4217	\$	272,952			
15-30 kVA	NT030Q	151	\$	0.9676	\$	53,329			
30-50 kVA	NT050P	277	\$	2.9030	\$	293,508			
30-50 kVA	NT050Q	79	\$	1.9712	\$	56,840			
50-75 kVA	NT075P	98	\$	5.9613	\$	213,236			
50-75 kVA	NT075Q	15	\$	4.3367	\$	23,743			
75-100 kVA	NT100P	61	\$	7.2515	\$	161,455			
75-100 kVA	NT100Q	8	\$	5.2565	\$	15,349			
Total									
Bluff									
Single Phase									
1-7.5 kVA (35 amp)	BD08P	3	\$	0.5495	\$	602			
1-7.5 kVA (35 amp)	BD08Q	6	\$	0.3822	\$	837			
7.5-20 kVA (80 amp)	BD20P	130	\$	1.0154	\$	48,181			
7.5-20 kVA (80 amp)	BD20Q	588	\$	0.7050	\$	151,307			
20kVA (80 amp) Low	BDL20P	55	\$	0.1500	\$	3,011			
20kVA (80 amp) Low	BDL20Q	106	\$	-	\$	-			
1-7.5 kVA (35 amp) Low	BDL08P	1	\$	0.1500	\$	55			
1-7.5 kVA (35 amp) Low	BDL08Q	2	\$	-	\$	-			
Non-Domestic Single Phase									
0-1 kVA	BS001L	1	\$	0.0839	\$	31			
0-1 kVA	BS001P	0	\$	0.3942	\$	-			

8 kVA 1 Phase - All Peak	BS008P		9	\$	0.5495	\$	1,805
8 kVA 1 Phase - With Off Peak	BS008Q		0	\$	0.3822	\$	-
20 kVA 1 Phase - All Peak	BS020P		31	\$	1.0154	\$	11,489
20 kVA 1 Phase - With Off Peak	BS020Q		2	\$	0.7050	\$	515
Three phase							
0-15kVA (20 amp)	BT015P		3	\$	0.8485	\$	929
0-15kVA	BT015Q		0	\$	0.5495	\$	-
15-30 kVA (45 amp)	BT030P		36	\$	1.4217	\$	18,681
15-30 kVA	BT030Q		7	\$	0.9676	\$	2,472
30-50 kVA	BT050P		11	\$	2.9030	\$	11,656
30-50 kVA	BT050Q		4	\$	1.9712	\$	2,878
50-75 kVA	BT075P		8	\$	5.9613	\$	17,407
50-75 kVA	BT075Q		1	\$	4.3367	\$	1,583
75-100 kVA	BT100P		4	\$	7.2515	\$	10,587
75-100 kVA	BT100Q		0	\$	5.2565	\$	-
Total Group Customers Fixed Charges						\$	4,654,233
Variable Charges	Day/MWH	\$/MWH	Total				
Domestic & Commercial	154,160.28	\$	58.91	\$	9,081,979.53		
EIL 20 KVA Low	11,277.51	\$	95.30	\$	1,074,771.50		
EIL 8 KVA Low	188.99	\$	78.63	\$	14,861.05		
						\$	10,171,612.09

Individual Line Charge Customers	Annual Fixed Charge	Annual Line Charge
ICP Number Non TOU		
931326NV-837	\$3,219	
931775NV-0FE	\$6,414	
931776NV-C3E	\$4,642	
934525NV-5D1	\$1,899	

Half Hour Metered Individual	Units	Fixed	Units	Variable	Units	Fixed	Units	Variable	Fixed	Variable	Total
920755NV-4EA	No ICPs	1	Annual Day MWh	345.67	\$/annum	\$9,667	\$/MWh	\$24.22	\$9,667.47	\$8,371.22	\$18,038.69
930503NV-F8B	No ICPs	1	Annual Day MWh	62.22	\$/annum	\$2,233	\$/MWh	\$39.31	\$2,232.64	\$2,445.77	\$4,678.41
931749NV-418	No ICPs	1	Annual Day MWh	287.51	\$/annum	\$7,899	\$/MWh	\$29.15	\$7,899.06	\$8,381.08	\$16,280.15
931777NV-07B	No ICPs	1	Annual Day MWh	1890.45	\$/annum	\$38,246	\$/MWh	\$22.06	\$38,245.97	\$41,699.96	\$79,945.93
933534NV-759	No ICPs	1	Annual Day MWh	337.80	\$/annum	\$6,415	\$/MWh	\$20.75	\$6,415.43	\$7,008.08	\$13,423.51
721862NV-A61	No ICPs	1	Annual Day MWh	216.54	\$/annum	\$3,791	\$/MWh	\$17.17	\$3,790.57	\$3,717.11	\$7,507.68
734110NV-971	No ICPs	1	Annual Day MWh	316.74	\$/annum	\$7,839	\$/MWh	\$26.80	\$7,838.69	\$8,488.33	\$16,327.02
740373NV-C7F	No ICPs	1	Annual Day MWh	187.81	\$/annum	\$4,709	\$/MWh	\$26.86	\$4,708.69	\$5,043.81	\$9,752.51
740385NV-DE7	No ICPs	1	Annual Day MWh	308.90	\$/annum	\$6,100	\$/MWh	\$19.04	\$6,099.72	\$5,880.93	\$11,980.65
740630NV-71F	No ICPs	1	Annual Day MWh	213.38	\$/annum	\$5,611	\$/MWh	\$27.34	\$5,610.79	\$5,834.33	\$11,445.12
744611NV-08F	No ICPs	1	Annual Day MWh	1.54	\$/annum	\$12,088	\$/MWh	\$48.35	\$12,088.33	\$74.41	\$12,162.74
760735NV-A99	No ICPs	1	Annual Day MWh	107.00	\$/annum	\$3,374	\$/MWh	\$30.26	\$3,373.51	\$3,237.66	\$6,611.17
810201NV-DAD	No ICPs	1	Annual Day MWh	87.23	\$/annum	\$2,890	\$/MWh	\$37.10	\$2,889.74	\$3,236.37	\$6,126.11
825292NV-886	No ICPs	1	Annual Day MWh	659.32	\$/annum	\$16,823	\$/MWh	\$29.38	\$16,823.32	\$19,373.22	\$36,196.54
832431NV-6DE	No ICPs	1	Annual Day MWh	175.33	\$/annum	\$12,735	\$/MWh	\$73.68	\$12,734.94	\$12,918.27	\$25,653.21
835083NV-C88	No ICPs	1	Annual Day MWh	47.48	\$/annum	\$5,257	\$/MWh	\$131.54	\$5,256.54	\$6,245.91	\$11,502.45
880302NV-FAD	No ICPs	1	Annual Day MWh	299.17	\$/annum	\$5,013	\$/MWh	\$16.70	\$5,013.04	\$4,996.29	\$10,009.33
880308NV-D3C	No ICPs	1	Annual Day MWh	215.06	\$/annum	\$3,954	\$/MWh	\$19.09	\$3,953.55	\$4,104.65	\$8,058.20
880314NV-48F	No ICPs	1	Annual Day MWh	222.42	\$/annum	\$6,304	\$/MWh	\$27.07	\$6,304.39	\$6,020.76	\$12,325.15
880329NV-C2C	No ICPs	1	Annual Day MWh	1988.31	\$/annum	\$44,781	\$/MWh	\$20.82	\$44,781.16	\$41,395.26	\$86,176.42

Half Hour Metered Individual	Units	Fixed	Units	Variable	Units	Fixed	Units	Variable	Fixed	Units	Variable	Total
880363NV-C18	No ICPs	1	Annual Day MWh	180.35	\$/annum	\$4,359	\$/MWh	\$24.66	\$4,358.87	\$/MWh	\$4,448.04	\$8,806.91
880397NV-D05	No ICPs	1	Annual Day MWh	351.92	\$/annum	\$17,093	\$/MWh	\$42.61	\$17,092.79	\$/MWh	\$14,995.69	\$32,088.47
880398NV-ZDB	No ICPs	1	Annual Day MWh	99.98	\$/annum	\$5,515	\$/MWh	\$54.42	\$5,514.71	\$/MWh	\$5,441.29	\$10,955.99
900337NV-E53	No ICPs	1	Annual Day MWh	39.92	\$/annum	\$0	\$/MWh	\$0.00	\$0.00	\$/MWh	\$0.00	\$-
7229001NV-0AF	No ICPs	1	Annual Day MWh	109.21	\$/annum	\$3,684	\$/MWh	\$35.81	\$3,684.19	\$/MWh	\$3,911.21	\$7,595.40
7301102NV-5CA	No ICPs	1	Annual Day MWh	59.71	\$/annum	\$1,572	\$/MWh	\$33.13	\$1,571.94	\$/MWh	\$1,978.09	\$3,550.03
7301164NV-BB5	No ICPs	1	Annual Day MWh	204.13	\$/annum	\$3,961	\$/MWh	\$19.73	\$3,960.56	\$/MWh	\$4,027.03	\$7,987.59
7301908NV-756	No ICPs	1	Annual Day MWh	229.51	\$/annum	\$4,125	\$/MWh	\$18.39	\$4,125.44	\$/MWh	\$4,219.59	\$8,345.04
7301973NV-CDF	No ICPs	1	Annual Day MWh	15.57	\$/annum	\$3,883	\$/MWh	\$16.92	\$3,882.91	\$/MWh	\$263.31	\$4,146.22
7341792NV-7BE	No ICPs	1	Annual Day MWh	208.73	\$/annum	\$4,380	\$/MWh	\$20.30	\$4,379.52	\$/MWh	\$4,237.89	\$8,617.41
7406951NV-064	No ICPs	1	Annual Day MWh	73.71	\$/annum	\$1,859	\$/MWh	\$26.31	\$1,859.39	\$/MWh	\$1,939.69	\$3,799.08
7551948NV-7E0	No ICPs	1	Annual Day MWh	318.25	\$/annum	\$8,819	\$/MWh	\$30.07	\$8,818.64	\$/MWh	\$9,568.76	\$18,387.40
7757907NV-783	No ICPs	1	Annual Day MWh	458.19	\$/annum	\$11,220	\$/MWh	\$23.86	\$11,219.74	\$/MWh	\$10,932.65	\$22,152.39
8102959NV-5D5	No ICPs	1	Annual Day MWh	426.84	\$/annum	\$10,005	\$/MWh	\$25.74	\$10,005.44	\$/MWh	\$10,984.83	\$20,990.27
8305375NV-D2C	No ICPs	1	Annual Day MWh	42.45	\$/annum	\$60	\$/MWh	\$58.91	\$60.43	\$/MWh	\$2,500.78	\$2,561.21
8425758NV-FE5	No ICPs	1	Annual Day MWh	305.68	\$/annum	\$6,469	\$/MWh	\$20.81	\$6,469.23	\$/MWh	\$6,362.19	\$12,831.42
8803047NV-B57	No ICPs	1	Annual Day MWh	93.02	\$/annum	\$2,979	\$/MWh	\$32.75	\$2,978.91	\$/MWh	\$3,046.10	\$6,025.01
8803164NV-3C6	No ICPs	1	Annual Day MWh	193.30	\$/annum	\$4,650	\$/MWh	\$24.31	\$4,650.40	\$/MWh	\$4,699.54	\$9,349.93
8803165NV-F83	No ICPs	1	Annual Day MWh	112.95	\$/annum	\$2,486	\$/MWh	\$21.60	\$2,485.72	\$/MWh	\$2,439.63	\$4,925.35
8803283NV-7B5	No ICPs	1	Annual Day MWh	420.71	\$/annum	\$7,374	\$/MWh	\$16.95	\$7,374.04	\$/MWh	\$7,132.06	\$14,506.10

Half Hour Metered Individual	Units	Fixed	Units	Variable	Units	Fixed	Units	Variable	Units	Fixed	Variable	Total
8803625NV-224	No ICPs	1	Annual Day MWh	116.21	\$/annum	\$2,303	\$/MWh	\$21.91	\$/MWh	\$2,302.58	\$2,546.25	\$4,848.83
9003051NV-DBD	No ICPs	1	Annual Day MWh	699.09	\$/annum	\$14,332	\$/MWh	\$21.46	\$/MWh	\$14,332.38	\$15,003.06	\$29,335.44
9003081NV-OFF	No ICPs	1	Annual Day MWh	341.80	\$/annum	\$7,454	\$/MWh	\$22.43	\$/MWh	\$7,454.09	\$7,668.21	\$15,122.30
9003082NV-C3F	No ICPs	1	Annual Day MWh	224.00	\$/annum	\$4,928	\$/MWh	\$22.71	\$/MWh	\$4,928.34	\$5,087.67	\$10,016.01
9003083NV-07A	No ICPs	1	Annual Day MWh	730.07	\$/annum	\$15,630	\$/MWh	\$21.66	\$/MWh	\$15,630.45	\$15,813.07	\$31,443.53
9003143NV-E91	No ICPs	1	Annual Day MWh	5.68	\$/annum	\$4,152	\$/MWh	\$20.68	\$/MWh	\$4,152.37	\$117.49	\$4,269.86
9003212NV-9DF	No ICPs	1	Annual Day MWh	156.56	\$/annum	\$3,125	\$/MWh	\$20.27	\$/MWh	\$3,125.38	\$3,172.70	\$6,298.08
9003385NV-2F6	No ICPs	1	Annual Day MWh	233.03	\$/annum	\$5,131	\$/MWh	\$22.05	\$/MWh	\$5,131.35	\$5,138.29	\$10,269.63
9003503NV-035	No ICPs	1	Annual Day MWh	175.86	\$/annum	\$6,226	\$/MWh	\$35.68	\$/MWh	\$6,225.81	\$6,274.72	\$12,500.53
73015753NV-A0E	No ICPs	1	Annual Day MWh	221.79	\$/annum	\$4,979	\$/MWh	\$22.42	\$/MWh	\$4,979.26	\$4,971.74	\$9,951.00
90030815NV-060	No ICPs	1	Annual Day MWh	142.12	\$/annum	\$6,490	\$/MWh	\$41.48	\$/MWh	\$6,489.66	\$5,895.62	\$12,385.28
721876NV-1C6	No ICPs	1	Annual Day MWh	46.38	\$/annum	\$3,504	\$/MWh	\$40.15	\$/MWh	\$3,504.09	\$1,862.39	\$5,366.48
850948NV-9C2	No ICPs	1	Annual Day MWh	70.05	\$/annum	\$1,394	\$/MWh	\$21.61	\$/MWh	\$1,394.28	\$1,513.43	\$2,907.71
900327NV-4FE	No ICPs	1	Annual Day MWh	159.54	\$/annum	\$2,755	\$/MWh	\$18.57	\$/MWh	\$2,755.39	\$2,962.00	\$5,717.39
734165NV-163	No ICPs	1	Annual Day MWh	928.66	\$/annum	\$19,386	\$/MWh	\$21.23	\$/MWh	\$19,386.24	\$19,719.16	\$39,105.41
744655NV-320	No ICPs	1	Annual Day MWh	254.52	\$/annum	\$5,449	\$/MWh	\$22.48	\$/MWh	\$5,448.56	\$5,722.09	\$11,170.65
900330NV-399	No ICPs	1	Annual Day MWh	1592.07	\$/annum	\$28,288	\$/MWh	\$17.52	\$/MWh	\$28,288.39	\$27,887.35	\$56,175.74
7302953NV-36A	No ICPs	1	Annual Day MWh	212.64	\$/annum	\$5,886	\$/MWh	\$29.10	\$/MWh	\$5,885.64	\$6,186.92	\$12,072.56
7341266NV-3A6	No ICPs	1	Annual Day MWh	103.39	\$/annum	\$2,470	\$/MWh	\$24.31	\$/MWh	\$2,469.76	\$2,513.20	\$4,982.96
7341276NV-90B	No ICPs	1	Annual Day MWh	169.47	\$/annum	\$4,039	\$/MWh	\$23.09	\$/MWh	\$4,039.26	\$3,913.20	\$7,952.46

Half Hour Metered Individual	Units	Fixed	Units	Variable	Units	Fixed	Units	Variable	Units	Fixed	Variable	Total
866558NV-6AF	No ICPs	1	Annual Day MWh	159.67	\$/annum	\$4,404	\$/MWh	\$26.87	\$/MWh	\$4,403.73	\$4,290.15	\$8,693.88
8803298NV-3CC	No ICPs	1	Annual Day MWh	395.41	\$/annum	\$11,324	\$/MWh	\$26.40	\$/MWh	\$11,323.73	\$10,438.67	\$21,762.39
9003053NV-D38	No ICPs	1	Annual Day MWh	493.67	\$/annum	\$11,326	\$/MWh	\$23.18	\$/MWh	\$11,325.54	\$11,443.67	\$22,769.20
9003244NV-058	No ICPs	1	Annual Day MWh	582.90	\$/annum	\$10,616	\$/MWh	\$18.74	\$/MWh	\$10,616.17	\$10,924.99	\$21,541.16
722709NV-6AA	No ICPs	1	Annual Day MWh	20.82	\$/annum	\$4,633	\$/MWh	\$224.84	\$/MWh	\$4,633.09	\$4,681.88	\$9,314.98
734188NV-482	No ICPs	1	Annual Day MWh	818.94	\$/annum	\$13,644	\$/MWh	\$16.72	\$/MWh	\$13,643.62	\$13,691.20	\$27,334.82
734318NV-162	No ICPs	1	Annual Day MWh	202.78	\$/annum	\$4,572	\$/MWh	\$26.80	\$/MWh	\$4,571.59	\$5,434.02	\$10,005.60
744103NV-5A5	No ICPs	1	Annual Day MWh	847.36	\$/annum	\$18,663	\$/MWh	\$21.87	\$/MWh	\$18,663.10	\$18,535.38	\$37,198.48
744608NV-473	No ICPs	1	Annual Day MWh	491.79	\$/annum	\$9,909	\$/MWh	\$20.31	\$/MWh	\$9,908.89	\$9,990.52	\$19,899.41
754696NV-0EE	No ICPs	1	Annual Day MWh	203.30	\$/annum	\$4,848	\$/MWh	\$22.56	\$/MWh	\$4,847.71	\$4,585.87	\$9,433.58
831121NV-B96	No ICPs	1	Annual Day MWh	84.58	\$/annum	\$3,926	\$/MWh	\$51.15	\$/MWh	\$3,926.46	\$4,326.27	\$8,252.73
850908NV-B67	No ICPs	1	Annual Day MWh	1478.78	\$/annum	\$26,783	\$/MWh	\$17.91	\$/MWh	\$26,782.56	\$26,483.19	\$53,265.76
880316NV-40A	No ICPs	1	Annual Day MWh	195.45	\$/annum	\$5,993	\$/MWh	\$35.07	\$/MWh	\$5,993.48	\$6,853.90	\$12,847.38
880317NV-84F	No ICPs	1	Annual Day MWh	142.17	\$/annum	\$4,477	\$/MWh	\$46.18	\$/MWh	\$4,476.58	\$6,565.93	\$11,042.51
880321NV-E38	No ICPs	1	Annual Day MWh	348.47	\$/annum	\$6,911	\$/MWh	\$18.71	\$/MWh	\$6,910.71	\$6,520.87	\$13,431.58
880323NV-EBD	No ICPs	1	Annual Day MWh	187.48	\$/annum	\$4,330	\$/MWh	\$22.98	\$/MWh	\$4,330.16	\$4,307.34	\$8,637.50
880361NV-C9D	No ICPs	1	Annual Day MWh	1069.28	\$/annum	\$18,957	\$/MWh	\$17.33	\$/MWh	\$18,956.73	\$18,535.55	\$37,492.28
900305NV-92E	No ICPs	1	Annual Day MWh	347.12	\$/annum	\$12,675	\$/MWh	\$37.11	\$/MWh	\$12,674.74	\$12,881.91	\$25,556.65
900306NV-5EE	No ICPs	1	Annual Day MWh	282.05	\$/annum	\$13,035	\$/MWh	\$43.39	\$/MWh	\$13,035.18	\$12,236.76	\$25,271.94
900308NV-675	No ICPs	1	Annual Day MWh	712.44	\$/annum	\$24,698	\$/MWh	\$35.74	\$/MWh	\$24,697.51	\$25,462.24	\$50,159.75

Half Hour Metered Individual	Units	Fixed	Units	Variable	Units	Fixed	Units	Variable	Fixed	Variable	Total
900313NV-20C	No ICs	1	Annual Day MWh	412.50	\$/annum	\$8,417	\$/MWh	\$24.27	\$8,417.44	\$10,010.92	\$18,428.36
900325NV-47B	No ICs	1	Annual Day MWh	1765.42	\$/annum	\$28,190	\$/MWh	\$15.90	\$28,190.02	\$28,072.26	\$56,262.28
900342NV-641	No ICs	1	Annual Day MWh	327.45	\$/annum	\$6,330	\$/MWh	\$19.30	\$6,329.64	\$6,318.27	\$12,647.91
900350NV-C69	No ICs	1	Annual Day MWh	176.46	\$/annum	\$3,543	\$/MWh	\$21.82	\$3,543.48	\$3,850.07	\$7,393.55
900383NV-DEB	No ICs	1	Annual Day MWh	196.84	\$/annum	\$8,461	\$/MWh	\$48.63	\$8,461.24	\$9,572.79	\$18,034.03
900384NV-021	No ICs	1	Annual Day MWh	933.50	\$/annum	\$20,311	\$/MWh	\$20.95	\$20,311.06	\$19,557.67	\$39,868.73
7302313NV-BC5	No ICs	1	Annual Day MWh	29.57	\$/annum	\$1,439	\$/MWh	\$45.16	\$1,438.87	\$1,335.54	\$2,774.41
7341272NV-801	No ICs	1	Annual Day MWh	134.13	\$/annum	\$3,465	\$/MWh	\$25.99	\$3,464.65	\$3,485.92	\$6,950.57
7341793NV-BFB	No ICs	1	Annual Day MWh	118.41	\$/annum	\$2,975	\$/MWh	\$22.35	\$2,974.86	\$2,646.91	\$5,621.77
7447181NV-71E	No ICs	1	Annual Day MWh	93.48	\$/annum	\$2,317	\$/MWh	\$23.76	\$2,317.18	\$2,220.95	\$4,538.13
8305967NV-D0E	No ICs	1	Annual Day MWh	134.48	\$/annum	\$11,729	\$/MWh	\$87.10	\$11,728.93	\$11,712.43	\$23,441.37
8365737NV-155	No ICs	1	Annual Day MWh	227.41	\$/annum	\$11,436	\$/MWh	\$27.74	\$11,435.62	\$6,308.83	\$17,744.44
8509006NV-D55	No ICs	1	Annual Day MWh	254.32	\$/annum	\$4,418	\$/MWh	\$18.13	\$4,418.20	\$4,611.36	\$9,029.55
8509026NV-000	No ICs	1	Annual Day MWh	521.21	\$/annum	\$10,566	\$/MWh	\$21.16	\$10,565.57	\$11,027.82	\$21,593.39
8509962NV-AA6	No ICs	1	Annual Day MWh	62.37	\$/annum	\$1,688	\$/MWh	\$28.21	\$1,688.27	\$1,759.38	\$3,447.65
8548111NV-903	No ICs	1	Annual Day MWh	140.64	\$/annum	\$3,370	\$/MWh	\$24.29	\$3,369.66	\$3,416.21	\$6,785.87
900314NV-B53	No ICs	1	Annual Day MWh	69.13	\$/annum	\$653	\$/MWh	\$94.37	\$652.67	\$6,524.34	\$7,177.01
900317NV-793	No ICs	1	Annual Day MWh	495.33	\$/annum	\$10,288	\$/MWh	\$20.64	\$10,288.03	\$10,224.91	\$20,512.94
9003235NV-940	No ICs	1	Annual Day MWh	987.89	\$/annum	\$21,618	\$/MWh	\$21.99	\$21,618.38	\$21,727.64	\$43,346.02
9003603NV-336	No ICs	1	Annual Day MWh	664.20	\$/annum	\$12,662	\$/MWh	\$19.82	\$12,661.79	\$13,166.59	\$25,828.38

Half Hour Metered Individual	Units	Fixed	Units	Variable	Units	Fixed	Units	Variable	Fixed	Units	Variable	Total
724179NV-031	No ICPs	1	Annual Day MWh	26.96	\$/annum	\$1,519	\$/MWh	\$49.20	\$1,518.72	\$/MWh	\$1,326.25	\$2,844.97
734460NV-929	No ICPs	1	Annual Day MWh	358.04	\$/annum	\$6,361	\$/MWh	\$20.44	\$6,361.15	\$/MWh	\$7,320.11	\$13,681.26
734802NV-A50	No ICPs	1	Annual Day MWh	212.51	\$/annum	\$4,817	\$/MWh	\$23.63	\$4,816.62	\$/MWh	\$5,021.03	\$9,837.65
740649NV-C13	No ICPs	1	Annual Day MWh	111.70	\$/annum	\$3,048	\$/MWh	\$25.37	\$3,047.77	\$/MWh	\$2,833.60	\$5,881.38
760737NV-A1C	No ICPs	1	Annual Day MWh	432.91	\$/annum	\$13,031	\$/MWh	\$31.88	\$13,031.00	\$/MWh	\$13,802.77	\$26,833.77
880309NV-179	No ICPs	1	Annual Day MWh	324.06	\$/annum	\$7,145	\$/MWh	\$21.50	\$7,145.33	\$/MWh	\$6,967.79	\$14,113.12
900351NV-02C	No ICPs	1	Annual Day MWh	543.81	\$/annum	\$8,325	\$/MWh	\$15.55	\$8,325.06	\$/MWh	\$8,455.58	\$16,780.65
7205085NV-6A2	No ICPs	1	Annual Day MWh	135.28	\$/annum	\$2,649	\$/MWh	\$20.27	\$2,649.14	\$/MWh	\$2,742.77	\$5,391.91
7317032NV-617	No ICPs	1	Annual Day MWh	261.01	\$/annum	\$6,630	\$/MWh	\$23.31	\$6,630.15	\$/MWh	\$6,083.11	\$12,713.26
7403085NV-205	No ICPs	1	Annual Day MWh	261.25	\$/annum	\$6,282	\$/MWh	\$23.97	\$6,282.47	\$/MWh	\$6,262.47	\$12,544.94
7447592NV-D72	No ICPs	1	Annual Day MWh	73.16	\$/annum	\$2,431	\$/MWh	\$34.66	\$2,430.58	\$/MWh	\$2,535.80	\$4,966.38
7757994NV-4A4	No ICPs	1	Annual Day MWh	173.59	\$/annum	\$5,303	\$/MWh	\$31.32	\$5,303.03	\$/MWh	\$5,436.81	\$10,739.84
8144266NV-0A8	No ICPs	1	Annual Day MWh	277.98	\$/annum	\$6,798	\$/MWh	\$23.68	\$6,798.36	\$/MWh	\$6,583.69	\$13,382.05
8305981NV-63B	No ICPs	1	Annual Day MWh	559.00	\$/annum	\$16,935	\$/MWh	\$29.23	\$16,934.65	\$/MWh	\$16,340.00	\$33,274.65
8509025NV-CC0	No ICPs	1	Annual Day MWh	702.98	\$/annum	\$12,109	\$/MWh	\$17.44	\$12,109.27	\$/MWh	\$12,257.50	\$24,366.77
8803032NV-345	No ICPs	1	Annual Day MWh	169.17	\$/annum	\$4,047	\$/MWh	\$24.65	\$4,047.30	\$/MWh	\$4,169.57	\$8,216.87
9003071NV-0E8	No ICPs	1	Annual Day MWh	1109.20	\$/annum	\$15,649	\$/MWh	\$14.20	\$15,649.25	\$/MWh	\$15,748.50	\$31,397.75
Total Half Hour Metered Individual												\$2,236,182.34

P2012*Q2010	\$ 17,050,115.37
Transmission (31 March 2012)	\$ 4,622,740.68
Rates (31 March 2012)	\$ 92,969.07
EC Levies (31 March 2012)	\$ 43,822.35
CA Levies (31 March 2012)	\$ 27,604.13
P₂₀₁₂*Q₂₀₁₀ - K₂₀₁₂	\$ 12,262,979.14

R_{max}

Maximum Notional Revenue at Assessment Date (31 March 2012):

As a small number of prices have increased over the assessment period, Maximum Notional Revenue is the same as Notional Revenue at the Assessment Date (included in the NR 2012 table above).

Allowable Notional Revenue at Assessment Date (31 March 2012):

Notional Revenue at the Assessment Date (31 March 2012)

Customer Name	Capacity Code	Numbers	Fixed Charge per Day	Annual Fixed Charge
EIL City		31-Mar-10	31-Mar-11	
Single phase				
1-7.5 kVA (35 amp)	ND08P	14	\$ 0.5237	\$ 2,676
1-7.5 kVA (35 amp)	ND08Q	165	\$ 0.3643	\$ 21,940
7.5-20 kVA (80 amp)	ND20P	554	\$ 0.9678	\$ 195,699
7.5-20 kVA (80 amp)	ND20Q	11062	\$ 0.6719	\$ 2,712,884
20kVA (80 amp) Low	NDL20P	150	\$ 0.1500	\$ 8,213
20kVA (80 amp) Low	NDL20Q	2248	\$ -	\$ -
1-7.5 kVA (35 amp) Low	NDL08P	3	\$ 0.1500	\$ 164
1-7.5 kVA (35 amp) Low	NDL08Q	45	\$ -	\$ -
Non-Domestic Single Phase				
0-1 kVA	NS001L	2	\$ 0.0799	\$ 58
0-1 kVA	NS001P	32	\$ 0.3757	\$ 4,388
8 kVA 1 Phase - All Peak	NS008P	158	\$ 0.5237	\$ 30,202
8 kVA 1 Phase - With Off Peak	NS008Q	13	\$ 0.3643	\$ 1,729
20 kVA 1 Phase - All Peak	NS020P	287	\$ 0.9678	\$ 101,382
20 kVA 1 Phase - With Off Peak	NS020Q	118	\$ 0.6719	\$ 28,939

Three phase									
0-15kVA (20 amp)	NT015P		55	\$	0.8087	\$	16,235		
0-15kVA	NT015Q		9	\$	0.5237	\$	1,720		
15-30 kVA (45 amp)	NT030P		526	\$	1.3550	\$	260,146		
15-30 kVA	NT030Q		151	\$	0.9222	\$	50,827		
30-50 kVA	NT050P		277	\$	2.7669	\$	279,747		
30-50 kVA	NT050Q		79	\$	1.8788	\$	54,175		
50-75 kVA	NT075P		98	\$	5.6818	\$	203,238		
50-75 kVA	NT075Q		15	\$	4.1333	\$	22,630		
75-100 kVA	NT100P		61	\$	6.9115	\$	153,885		
75-100 kVA	NT100Q		8	\$	5.0100	\$	14,629		
Total									
Bluff									
Single Phase									
1-7.5 kVA (35 amp)	BD08P		3	\$	0.5237	\$	573		
1-7.5 kVA (35 amp)	BD08Q		6	\$	0.3643	\$	798		
7.5-20 kVA (80 amp)	BD20P		130	\$	0.9678	\$	45,922		
7.5-20 kVA (80 amp)	BD20Q		588	\$	0.6719	\$	144,203		
20kVA (80 amp) Low	BDL20P		55	\$	0.1500	\$	3,011		
20kVA (80 amp) Low	BDL20Q		106	\$	-	\$	-		
1-7.5 kVA (35 amp) Low	BDL08P		1	\$	0.1500	\$	55		
1-7.5 kVA (35 amp) Low	BDL08Q		2	\$	-	\$	-		
Non-Domestic Single Phase									
0-1 kVA	BS001L		1	\$	0.0799	\$	29		
0-1 kVA	BS001P		0	\$	0.3757	\$	-		
8 kVA 1 Phase - All Peak	BS008P		9	\$	0.5237	\$	1,720		

8 kVA 1 Phase - With Off Peak	BS008Q	0	\$	0.3643	\$	-
20 kVA 1 Phase - All Peak	BS020P	31	\$	0.9678	\$	10,951
20 kVA 1 Phase - With Off Peak	BS020Q	2	\$	0.6719	\$	490
Three phase						
0-15kVA (20 amp)	BT015P	3	\$	0.8087	\$	886
0-15kVA	BT015Q	0	\$	0.5237	\$	-
15-30 kVA (45 amp)	BT030P	36	\$	1.3550	\$	17,805
15-30 kVA	BT030Q	7	\$	0.9222	\$	2,356
30-50 kVA	BT050P	11	\$	2.7669	\$	11,109
30-50 kVA	BT050Q	4	\$	1.8788	\$	2,743
50-75 kVA	BT075P	8	\$	5.6818	\$	16,591
50-75 kVA	BT075Q	1	\$	4.1333	\$	1,509
75-100 kVA	BT100P	4	\$	6.9115	\$	10,091
75-100 kVA	BT100Q	0	\$	5.0100	\$	-
Total Group Customers Fixed Charges						\$ 4,436,348
Variable Charges	Day/MWH		Total			
Domestic & Commercial	154,160.28	56.15	\$	8,656,099.44		
EIL 20 KVA Low	11,277.51	90.83	\$	1,024,335.96		
EIL 8 KVA Low	188.99	74.95	\$	14,165.03		
						\$ 9,694,600.43

Individual Line Charge Customers		Annual Fixed Charge	Annual Line Charge
ICP Number Non TOU			
931326NV-837	\$3,540		
931775NV-0FE	\$6,250		
931776NV-C3E	\$3,470		
934525NV-5D1	\$2,186		
930505NV-E04	-\$2,408		

931760NV-71C	\$5,279
930921NV-E57	\$4,782
730158NV-F40	-\$1,108
734846NV-9FF	\$1,309
734360NV-62B	-\$5,429
7350693NV-BBE	\$875
7350005NV-3D0	\$204
800449NV-3FB	\$330
730262NV-92A	\$2,864
724187NV-3BD	-\$4,568
734325NV-9C1	\$751
744586NV-1A1	\$3,766
744610NV-CCA	-\$9
750191NV-4A6	-\$1,963
880360NV-0D8	-\$3,723
7501257NV-2E9	\$894
7501996NV-A4D	-\$1,799
8665382NV-F7A	-\$6,101
8665408NV-7A3	\$3,152
8803601NV-E7B	-\$8,478
8803767NV-900	-\$963
7433294NV-FC6	-\$1,142
754690NV-161	\$5,306
743331NV-CBF	-\$1,510
7302979NV-CAE	-\$2,212
8541431NV-DF3	\$3,130
722703NV-43B	\$1,752
731881NV-4FA	\$1,105
734326NV-501	\$457
735249NV-D8B	\$2,206
740394NV-B0F	-\$1,176

744502NV-5E1		\$4,673	
744592NV-A06		\$4,245	
900358NV-E7D		\$3,107	
900319NV-3D3		\$5,807	
9003243NV-D92		-\$11,040	
9003573NV-568		-\$233	
900319NV-09D		-\$4,710	
734470NV-384		\$3,180	
880327NV-FB7		-\$27,574	
880336NV-95F		-\$20,874	
880344NV-C87		-\$13,025	
880375NV-73A		\$4,188	
900356NV-DE6		-\$3,242	
900390NV-B86		\$3,046	
734355NV-C9C		-\$1,040	
9003995NV-251		-\$3,500	
		-\$	45,970

Half Hour Metered Individual	Units	Fixed	Units	Variable	Units	Fixed	Units	Variable	Fixed	Variable	Total
9406011NV-187	No ICPs	1	Annual Day MWh	1114.04	\$/annum	\$27,533.74	\$/MWh	\$27.87	\$27,534	\$31,046	\$58,580.04
9406013NV-102	No ICPs	1	Annual Day MWh	972.51	\$/annum	\$28,556.70	\$/MWh	\$24.51	\$28,557	\$23,838	\$52,395.06
9408016NV-48D	No ICPs	1	Annual Day MWh	3763.64	\$/annum	\$94,158.34	\$/MWh	\$24.98	\$94,158	\$94,024	\$188,182.67
920755NV-4EA	No ICPs	1	Annual Day MWh	345.67	\$/annum	\$8,694.64	\$/MWh	\$24.61	\$8,695	\$8,506	\$17,201.07
930503NV-F8B	No ICPs	1	Annual Day MWh	62.22	\$/annum	\$2,726.35	\$/MWh	\$43.78	\$2,726	\$2,724	\$5,449.97
931749NV-418	No ICPs	1	Annual Day MWh	287.51	\$/annum	\$11,300.94	\$/MWh	\$41.40	\$11,301	\$11,902	\$23,202.44
931777NV-07B	No ICPs	1	Annual Day MWh	1890.45	\$/annum	\$40,123.09	\$/MWh	\$20.95	\$40,123	\$39,609	\$79,731.73

Half Hour Metered Individual	Units	Fixed	Units	Variable	Units	Fixed	Units	Variable	Fixed	Variable	Total
933534NV-759	No ICPs	1	Annual Day MWh	337.80	\$/annum	\$10,330.25	\$/MWh	\$28.78	\$10,330	\$9,720	\$20,050.45
721862NV-A61	No ICPs	1	Annual Day MWh	216.54	\$/annum	\$3,274.28	\$/MWh	\$15.39	\$3,274	\$3,333	\$6,607.72
734110NV-971	No ICPs	1	Annual Day MWh	316.74	\$/annum	\$7,676.40	\$/MWh	\$24.21	\$7,676	\$7,667	\$15,343.22
740373NV-C7F	No ICPs	1	Annual Day MWh	187.81	\$/annum	\$5,795.95	\$/MWh	\$31.07	\$5,796	\$5,836	\$11,631.81
740385NV-DE7	No ICPs	1	Annual Day MWh	308.90	\$/annum	\$5,879.88	\$/MWh	\$19.14	\$5,880	\$5,912	\$11,791.86
740630NV-71F	No ICPs	1	Annual Day MWh	213.38	\$/annum	\$5,877.29	\$/MWh	\$27.10	\$5,877	\$5,782	\$11,659.20
744611NV-08F	No ICPs	1	Annual Day MWh	1.54	\$/annum	\$11,390.98	\$/MWh	\$45.56	\$11,391	\$70	\$11,461.09
760735NV-A99	No ICPs	1	Annual Day MWh	107.00	\$/annum	\$3,512.05	\$/MWh	\$33.42	\$3,512	\$3,576	\$7,088.24
810201NV-DAD	No ICPs	1	Annual Day MWh	87.23	\$/annum	\$2,904.13	\$/MWh	\$32.57	\$2,904	\$2,841	\$5,745.60
825292NV-886	No ICPs	1	Annual Day MWh	659.32	\$/annum	\$14,932.86	\$/MWh	\$23.04	\$14,933	\$15,194	\$30,126.54
832431NV-6DE	No ICPs	1	Annual Day MWh	175.33	\$/annum	\$12,741.02	\$/MWh	\$74.70	\$12,741	\$13,098	\$25,838.55
835083NV-C88	No ICPs	1	Annual Day MWh	47.48	\$/annum	\$3,698.37	\$/MWh	\$80.40	\$3,698	\$3,818	\$7,516.04
880302NV-FAD	No ICPs	1	Annual Day MWh	299.17	\$/annum	\$4,728.01	\$/MWh	\$15.66	\$4,728	\$4,685	\$9,412.72
880308NV-D3C	No ICPs	1	Annual Day MWh	215.06	\$/annum	\$3,714.70	\$/MWh	\$17.22	\$3,715	\$3,703	\$7,417.35
880314NV-48F	No ICPs	1	Annual Day MWh	222.42	\$/annum	\$5,751.22	\$/MWh	\$25.94	\$5,751	\$5,770	\$11,521.33
880329NV-C2C	No ICPs	1	Annual Day MWh	1988.31	\$/annum	\$42,497.65	\$/MWh	\$21.60	\$42,498	\$42,938	\$85,435.87
880363NV-C18	No ICPs	1	Annual Day MWh	180.35	\$/annum	\$4,220.54	\$/MWh	\$23.12	\$4,221	\$4,170	\$8,390.86
880397NV-D05	No ICPs	1	Annual Day MWh	351.92	\$/annum	\$15,287.53	\$/MWh	\$58.82	\$15,288	\$20,698	\$35,985.84
880398NV-ZDB	No ICPs	1	Annual Day MWh	99.98	\$/annum	\$5,727.88	\$/MWh	\$56.04	\$5,728	\$5,604	\$11,331.41
900337NV-E53	No ICPs	1	Annual Day MWh	39.92	\$/annum	\$1,582.65	\$/MWh	\$43.11	\$1,583	\$1,721	\$3,303.68

Half Hour Metered Individual	Units	Fixed	Units	Variable	Units	Fixed	Units	Variable	Fixed	Units	Variable	Fixed	Variable	Total
7229001NV-0AF	No ICPs	1	Annual Day MWh	109.21	\$/annum	\$3,847.77	\$/MWh	\$34.08	\$3,848	\$/MWh	\$34.08	\$3,848	\$3,722	\$7,569.90
7301102NV-5CA	No ICPs	1	Annual Day MWh	59.71	\$/annum	\$1,649.55	\$/MWh	\$27.50	\$1,650	\$/MWh	\$27.50	\$1,650	\$1,642	\$3,291.78
7301164NV-BB5	No ICPs	1	Annual Day MWh	204.13	\$/annum	\$3,587.92	\$/MWh	\$17.77	\$3,588	\$/MWh	\$17.77	\$3,588	\$3,628	\$7,215.87
7301908NV-756	No ICPs	1	Annual Day MWh	229.51	\$/annum	\$3,882.26	\$/MWh	\$16.91	\$3,882	\$/MWh	\$16.91	\$3,882	\$3,882	\$7,764.07
7301973NV-CDF	No ICPs	1	Annual Day MWh	15.57	\$/annum	\$3,894.51	\$/MWh	\$16.97	\$3,895	\$/MWh	\$16.97	\$3,895	\$264	\$4,158.61
7341792NV-7BE	No ICPs	1	Annual Day MWh	208.73	\$/annum	\$4,656.35	\$/MWh	\$22.14	\$4,656	\$/MWh	\$22.14	\$4,656	\$4,621	\$9,277.37
7406951NV-064	No ICPs	1	Annual Day MWh	73.71	\$/annum	\$1,987.64	\$/MWh	\$25.56	\$1,988	\$/MWh	\$25.56	\$1,988	\$1,884	\$3,871.91
7551948NV-7E0	No ICPs	1	Annual Day MWh	318.25	\$/annum	\$8,111.45	\$/MWh	\$25.27	\$8,111	\$/MWh	\$25.27	\$8,111	\$8,042	\$16,153.58
7757907NV-783	No ICPs	1	Annual Day MWh	458.19	\$/annum	\$10,964.87	\$/MWh	\$24.37	\$10,965	\$/MWh	\$24.37	\$10,965	\$11,164	\$22,129.22
8102959NV-5D5	No ICPs	1	Annual Day MWh	426.84	\$/annum	\$9,518.40	\$/MWh	\$22.33	\$9,518	\$/MWh	\$22.33	\$9,518	\$9,531	\$19,049.69
8305375NV-D2C	No ICPs	1	Annual Day MWh	42.45	\$/annum	\$67.48	\$/MWh	\$56.15	\$67	\$/MWh	\$56.15	\$67	\$2,384	\$2,451.10
8425758NV-FE5	No ICPs	1	Annual Day MWh	305.68	\$/annum	\$5,998.17	\$/MWh	\$19.88	\$5,998	\$/MWh	\$19.88	\$5,998	\$6,077	\$12,074.70
8803047NV-B57	No ICPs	1	Annual Day MWh	93.02	\$/annum	\$2,992.46	\$/MWh	\$31.66	\$2,992	\$/MWh	\$31.66	\$2,992	\$2,945	\$5,937.60
8803164NV-3C6	No ICPs	1	Annual Day MWh	193.30	\$/annum	\$4,171.81	\$/MWh	\$21.38	\$4,172	\$/MWh	\$21.38	\$4,172	\$4,132	\$8,304.21
8803165NV-F83	No ICPs	1	Annual Day MWh	112.95	\$/annum	\$2,330.87	\$/MWh	\$20.84	\$2,331	\$/MWh	\$20.84	\$2,331	\$2,354	\$4,685.20
8803283NV-7B5	No ICPs	1	Annual Day MWh	420.71	\$/annum	\$7,229.21	\$/MWh	\$17.62	\$7,229	\$/MWh	\$17.62	\$7,229	\$7,412	\$14,640.95
8803625NV-224	No ICPs	1	Annual Day MWh	116.21	\$/annum	\$2,158.85	\$/MWh	\$18.69	\$2,159	\$/MWh	\$18.69	\$2,159	\$2,172	\$4,331.32
9003051NV-DBD	No ICPs	1	Annual Day MWh	699.09	\$/annum	\$14,628.55	\$/MWh	\$20.90	\$14,629	\$/MWh	\$20.90	\$14,629	\$14,610	\$29,238.17
9003081NV-OFF	No ICPs	1	Annual Day MWh	341.80	\$/annum	\$7,717.58	\$/MWh	\$22.45	\$7,718	\$/MWh	\$22.45	\$7,718	\$7,672	\$15,389.47
9003082NV-C3F	No ICPs	1	Annual Day MWh	224.00	\$/annum	\$5,153.50	\$/MWh	\$22.76	\$5,154	\$/MWh	\$22.76	\$5,154	\$5,099	\$10,252.06

Half Hour Metered Individual	Units	Fixed	Units	Variable	Units	Fixed	Units	Variable	Fixed	Variable	Total
9003083NV-07A	No ICPs	1	Annual Day MWh	730.07	\$/annum	\$14,607.49	\$/MWh	\$20.40	\$14,607	\$14,895	\$29,502.00
9003143NV-E91	No ICPs	1	Annual Day MWh	5.68	\$/annum	\$7,667.56	\$/MWh	\$61.84	\$7,668	\$351	\$8,018.80
9003212NV-9DF	No ICPs	1	Annual Day MWh	156.56	\$/annum	\$2,831.34	\$/MWh	\$18.43	\$2,831	\$2,886	\$5,717.20
9003385NV-2F6	No ICPs	1	Annual Day MWh	233.03	\$/annum	\$4,521.94	\$/MWh	\$18.75	\$4,522	\$4,369	\$8,890.90
9003503NV-035	No ICPs	1	Annual Day MWh	175.86	\$/annum	\$4,817.72	\$/MWh	\$28.05	\$4,818	\$4,932	\$9,750.18
73015753NV-A0E	No ICPs	1	Annual Day MWh	221.79	\$/annum	\$4,191.35	\$/MWh	\$18.33	\$4,191	\$4,066	\$8,257.19
90030815NV-060	No ICPs	1	Annual Day MWh	142.12	\$/annum	\$6,058.30	\$/MWh	\$43.58	\$6,058	\$6,194	\$12,252.78
721876NV-1C6	No ICPs	1	Annual Day MWh	46.38	\$/annum	\$3,085.31	\$/MWh	\$50.64	\$3,085	\$2,349	\$5,434.27
850948NV-9C2	No ICPs	1	Annual Day MWh	70.05	\$/annum	\$1,419.16	\$/MWh	\$19.47	\$1,419	\$1,364	\$2,783.09
900327NV-4FE	No ICPs	1	Annual Day MWh	159.54	\$/annum	\$2,377.83	\$/MWh	\$17.37	\$2,378	\$2,772	\$5,149.48
734165NV-163	No ICPs	1	Annual Day MWh	928.66	\$/annum	\$19,826.83	\$/MWh	\$21.32	\$19,827	\$19,798	\$39,625.10
744655NV-320	No ICPs	1	Annual Day MWh	254.52	\$/annum	\$5,240.82	\$/MWh	\$20.34	\$5,241	\$5,178	\$10,418.47
900330NV-399	No ICPs	1	Annual Day MWh	1592.07	\$/annum	\$24,000.27	\$/MWh	\$15.06	\$24,000	\$23,974	\$47,974.57
7302953NV-36A	No ICPs	1	Annual Day MWh	212.64	\$/annum	\$5,596.24	\$/MWh	\$25.72	\$5,596	\$5,469	\$11,065.29
7341266NV-3A6	No ICPs	1	Annual Day MWh	103.39	\$/annum	\$2,654.66	\$/MWh	\$25.11	\$2,655	\$2,596	\$5,250.79
7341276NV-90B	No ICPs	1	Annual Day MWh	169.47	\$/annum	\$4,174.16	\$/MWh	\$24.04	\$4,174	\$4,075	\$8,248.67
866558NV-6AF	No ICPs	1	Annual Day MWh	159.67	\$/annum	\$4,699.18	\$/MWh	\$30.95	\$4,699	\$4,942	\$9,640.90
8803298NV-3CC	No ICPs	1	Annual Day MWh	395.41	\$/annum	\$12,591.03	\$/MWh	\$28.95	\$12,591	\$11,447	\$24,037.71
9003053NV-D38	No ICPs	1	Annual Day MWh	493.67	\$/annum	\$10,454.80	\$/MWh	\$21.22	\$10,455	\$10,478	\$20,932.40
9003244NV-058	No ICPs	1	Annual Day MWh	582.90	\$/annum	\$10,182.41	\$/MWh	\$17.18	\$10,182	\$10,013	\$20,195.53

Half Hour Metered Individual	Units	Fixed	Units	Variable	Units	Fixed	Units	Variable	Fixed	Variable	Total
722709NV-6AA	No ICPs	1	Annual Day MWh	20.82	\$/annum	\$4,530.26	\$/MWh	\$209.56	\$4,530	\$4,364	\$8,893.94
734188NV-482	No ICPs	1	Annual Day MWh	818.94	\$/annum	\$13,013.74	\$/MWh	\$14.83	\$13,014	\$12,145	\$25,158.59
734318NV-162	No ICPs	1	Annual Day MWh	202.78	\$/annum	\$6,369.08	\$/MWh	\$31.71	\$6,369	\$6,430	\$12,798.69
744103NV-5A5	No ICPs	1	Annual Day MWh	847.36	\$/annum	\$17,467.58	\$/MWh	\$22.23	\$17,468	\$18,839	\$36,306.63
744608NV-473	No ICPs	1	Annual Day MWh	491.79	\$/annum	\$9,547.33	\$/MWh	\$19.52	\$9,547	\$9,599	\$19,146.10
754696NV-0EE	No ICPs	1	Annual Day MWh	203.30	\$/annum	\$4,368.46	\$/MWh	\$21.33	\$4,368	\$4,336	\$8,704.83
831121NV-B96	No ICPs	1	Annual Day MWh	84.58	\$/annum	\$4,478.54	\$/MWh	\$50.92	\$4,479	\$4,307	\$8,785.73
850908NV-B67	No ICPs	1	Annual Day MWh	1478.78	\$/annum	\$24,861.76	\$/MWh	\$16.66	\$24,862	\$24,639	\$49,501.13
880316NV-40A	No ICPs	1	Annual Day MWh	195.45	\$/annum	\$5,787.68	\$/MWh	\$29.77	\$5,788	\$5,819	\$11,606.29
880317NV-84F	No ICPs	1	Annual Day MWh	142.17	\$/annum	\$6,112.08	\$/MWh	\$36.86	\$6,112	\$5,240	\$11,352.28
880321NV-E38	No ICPs	1	Annual Day MWh	348.47	\$/annum	\$5,799.12	\$/MWh	\$17.19	\$5,799	\$5,991	\$11,789.84
880323NV-EBD	No ICPs	1	Annual Day MWh	187.48	\$/annum	\$3,987.28	\$/MWh	\$21.44	\$3,987	\$4,019	\$8,006.25
880361NV-C9D	No ICPs	1	Annual Day MWh	1069.28	\$/annum	\$17,417.80	\$/MWh	\$16.50	\$17,418	\$17,646	\$35,063.39
900305NV-92E	No ICPs	1	Annual Day MWh	347.12	\$/annum	\$12,841.89	\$/MWh	\$37.22	\$12,842	\$12,921	\$25,762.70
900306NV-5EE	No ICPs	1	Annual Day MWh	282.05	\$/annum	\$12,308.27	\$/MWh	\$43.04	\$12,308	\$12,138	\$24,446.43
900308NV-675	No ICPs	1	Annual Day MWh	712.44	\$/annum	\$24,479.71	\$/MWh	\$35.53	\$24,480	\$25,316	\$49,795.40
900313NV-20C	No ICPs	1	Annual Day MWh	412.50	\$/annum	\$10,208.81	\$/MWh	\$24.53	\$10,209	\$10,119	\$20,327.58
900325NV-47B	No ICPs	1	Annual Day MWh	1765.42	\$/annum	\$27,414.42	\$/MWh	\$15.22	\$27,414	\$26,875	\$54,289.82
900342NV-641	No ICPs	1	Annual Day MWh	327.45	\$/annum	\$6,395.81	\$/MWh	\$19.77	\$6,396	\$6,475	\$12,870.73
900350NV-C69	No ICPs	1	Annual Day MWh	176.46	\$/annum	\$4,062.56	\$/MWh	\$22.87	\$4,063	\$4,036	\$8,098.20

Half Hour Metered Individual	Units	Fixed	Units	Variable	Units	Fixed	Units	Variable	Fixed	Units	Variable	Fixed	Variable	Total
900383NV-DEB	No ICPs	1	Annual Day MWh	196.84	\$/annum	\$9,126.32	\$/MWh	\$46.90	\$9,126	\$/MWh	\$46.90	\$9,126	\$9,231	\$18,357.49
900384NV-021	No ICPs	1	Annual Day MWh	933.50	\$/annum	\$17,853.40	\$/MWh	\$19.73	\$17,853	\$/MWh	\$19.73	\$17,853	\$18,418	\$36,271.22
7302313NV-BC5	No ICPs	1	Annual Day MWh	29.57	\$/annum	\$1,436.86	\$/MWh	\$45.79	\$1,437	\$/MWh	\$45.79	\$1,437	\$1,354	\$2,790.95
7341272NV-801	No ICPs	1	Annual Day MWh	134.13	\$/annum	\$3,441.94	\$/MWh	\$25.97	\$3,442	\$/MWh	\$25.97	\$3,442	\$3,483	\$6,924.83
7341793NV-BFB	No ICPs	1	Annual Day MWh	118.41	\$/annum	\$2,757.20	\$/MWh	\$22.95	\$2,757	\$/MWh	\$22.95	\$2,757	\$2,718	\$5,474.70
7447181NV-71E	No ICPs	1	Annual Day MWh	93.48	\$/annum	\$2,044.18	\$/MWh	\$22.54	\$2,044	\$/MWh	\$22.54	\$2,044	\$2,107	\$4,150.71
8305967NV-D0E	No ICPs	1	Annual Day MWh	134.48	\$/annum	\$10,900.44	\$/MWh	\$76.76	\$10,900	\$/MWh	\$76.76	\$10,900	\$10,323	\$21,222.94
8365737NV-155	No ICPs	1	Annual Day MWh	227.41	\$/annum	\$13,085.10	\$/MWh	\$23.49	\$13,085	\$/MWh	\$23.49	\$13,085	\$5,342	\$18,427.38
8509006NV-D55	No ICPs	1	Annual Day MWh	254.32	\$/annum	\$4,290.97	\$/MWh	\$17.01	\$4,291	\$/MWh	\$17.01	\$4,291	\$4,327	\$8,617.88
8509026NV-000	No ICPs	1	Annual Day MWh	521.21	\$/annum	\$10,955.72	\$/MWh	\$20.92	\$10,956	\$/MWh	\$20.92	\$10,956	\$10,905	\$21,860.32
8509962NV-AA6	No ICPs	1	Annual Day MWh	62.37	\$/annum	\$1,571.74	\$/MWh	\$25.78	\$1,572	\$/MWh	\$25.78	\$1,572	\$1,608	\$3,179.42
8548111NV-903	No ICPs	1	Annual Day MWh	140.64	\$/annum	\$3,377.59	\$/MWh	\$23.90	\$3,378	\$/MWh	\$23.90	\$3,378	\$3,361	\$6,738.53
9003114NV-B53	No ICPs	1	Annual Day MWh	69.13	\$/annum	\$2,318.99	\$/MWh	\$23.15	\$2,319	\$/MWh	\$23.15	\$2,319	\$1,600	\$3,919.13
9003117NV-793	No ICPs	1	Annual Day MWh	495.33	\$/annum	\$10,964.56	\$/MWh	\$22.33	\$10,965	\$/MWh	\$22.33	\$10,965	\$11,061	\$22,025.26
9003235NV-940	No ICPs	1	Annual Day MWh	987.89	\$/annum	\$19,275.86	\$/MWh	\$19.20	\$19,276	\$/MWh	\$19.20	\$19,276	\$18,967	\$38,243.30
9003603NV-336	No ICPs	1	Annual Day MWh	664.20	\$/annum	\$13,019.14	\$/MWh	\$19.36	\$13,019	\$/MWh	\$19.36	\$13,019	\$12,857	\$25,875.94
724179NV-031	No ICPs	1	Annual Day MWh	26.96	\$/annum	\$1,379.91	\$/MWh	\$58.35	\$1,380	\$/MWh	\$58.35	\$1,380	\$1,573	\$2,952.77
734460NV-929	No ICPs	1	Annual Day MWh	358.04	\$/annum	\$6,995.85	\$/MWh	\$20.00	\$6,996	\$/MWh	\$20.00	\$6,996	\$7,162	\$14,158.22
734802NV-A50	No ICPs	1	Annual Day MWh	212.51	\$/annum	\$6,170.34	\$/MWh	\$28.18	\$6,170	\$/MWh	\$28.18	\$6,170	\$5,987	\$12,157.80
740649NV-C13	No ICPs	1	Annual Day MWh	111.70	\$/annum	\$2,925.41	\$/MWh	\$28.49	\$2,925	\$/MWh	\$28.49	\$2,925	\$3,182	\$6,107.85

Half Hour Metered Individual	Units	Fixed	Units	Variable	Units	Fixed	Units	Variable	Fixed	Variable	Total
760737NV-A1C	No ICPs	1	Annual Day MWh	432.91	\$/annum	\$14,136.23	\$/MWh	\$32.43	\$14,136	\$14,040	\$28,175.75
880309NV-179	No ICPs	1	Annual Day MWh	324.06	\$/annum	\$6,850.10	\$/MWh	\$21.13	\$6,850	\$6,849	\$13,698.69
900351NV-02C	No ICPs	1	Annual Day MWh	543.81	\$/annum	\$8,497.09	\$/MWh	\$15.43	\$8,497	\$8,391	\$16,888.57
7205085NV-6A2	No ICPs	1	Annual Day MWh	135.28	\$/annum	\$2,778.13	\$/MWh	\$20.62	\$2,778	\$2,790	\$5,568.05
7317032NV-617	No ICPs	1	Annual Day MWh	261.01	\$/annum	\$6,938.07	\$/MWh	\$26.78	\$6,938	\$6,990	\$13,928.53
7403085NV-205	No ICPs	1	Annual Day MWh	261.25	\$/annum	\$5,772.51	\$/MWh	\$23.07	\$5,773	\$6,028	\$11,800.07
7447592NV-D72	No ICPs	1	Annual Day MWh	73.16	\$/annum	\$2,776.74	\$/MWh	\$36.41	\$2,777	\$2,663	\$5,440.15
7757994NV-4A4	No ICPs	1	Annual Day MWh	173.59	\$/annum	\$6,429.64	\$/MWh	\$36.72	\$6,430	\$6,375	\$12,804.42
8144266NV-0A8	No ICPs	1	Annual Day MWh	277.98	\$/annum	\$5,929.27	\$/MWh	\$21.42	\$5,929	\$5,955	\$11,884.06
8305981NV-63B	No ICPs	1	Annual Day MWh	559.00	\$/annum	\$15,660.50	\$/MWh	\$27.72	\$15,661	\$15,494	\$31,154.64
8509025NV-CC0	No ICPs	1	Annual Day MWh	702.98	\$/annum	\$11,894.59	\$/MWh	\$16.58	\$11,895	\$11,659	\$23,553.31
8803032NV-345	No ICPs	1	Annual Day MWh	169.17	\$/annum	\$4,121.78	\$/MWh	\$24.54	\$4,122	\$4,151	\$8,272.82
9003071NV-0E8	No ICPs	1	Annual Day MWh	1109.20	\$/annum	\$17,620.52	\$/MWh	\$15.98	\$17,621	\$17,720	\$35,340.11
Total Half Hour Metered Individual											\$2,204,004.84

P2011*Q2010											\$ 16,288,983.22
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Transmission (31 March 2011)	\$ 4,338,225.09
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Rates (31 March 2011)	\$ 83,676.19
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EC Levies (31 March 2011)	\$ 36,744.62
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CA Levies (31 March 2011)	\$ 38,532.61
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P 2011* Q 2010 - K 2011	\$ 11,791,804.70
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<i>ACPI₂₀₁₂</i>		
Numerator	Denominator	
<i>CPI Dec 2009</i>	1093	<i>CPI Dec 2008</i>
<i>CPI Mar 2010</i>	1097	<i>CPI Mar 2009</i>
<i>CPI Jun 2010</i>	1099	<i>CPI Jun 2009</i>
<i>CPI Sep,2010</i>	1111	<i>CPI Sep,2009</i>
Total	4400	Total
<i>ACPI₂₀₁₂</i>	1.78%	

$(1 + \Delta CPI_{2012})$	Average change in Consumer Price Index over 2010	1.0178
$(1-X)$	1-X Factor	1.0
R_{2012}	Allowable Notional Revenue under the CPI-X Price Path for the year ended 31 March 2012	\$ 12,369,091.50
NR_{2012} / R_{2012}	Expression must be less than or equal to 1 to avoid breaching 5(1)(a)	0.9914
$R_{2012} - NR_{2012}$	Value of Compliance or (Breach)	\$ 106,112.36

Appendix C – Pass Through Costs (Clause 11.1(b)(ii))

Pass Through Costs for year ending March 2012				
K ₂₀₁₂	Actual (\$)	Forecast (\$)	Variance (\$)	Variance (%)
Transmission	4,622,741	4,648,238	(25,498)	(0.6%)
Avoided Transmission	-	-	-	0.0%
Rates	92,969	79,020	13,949	15.0%
Electricity Authority Levies	43,822	33,450	10,372	23.7%
Commerce Act Levies	27,604	44,976	(17,372)	(62.9%)
Total Pass Through Costs	4,787,136	4,805,684	(18,548)	(0.4%)

Rates were above forecast due to higher than expected increases from the local councils. Commerce Act levies are down on budget due to a 40% decrease in the charges from the June 2011 quarter onwards.

Appendix D – Quality Standard Compliance Calculations (Clause 11.1(b)(iv))

Reliability Data (Before Normalisation)

Year	SAIDI (Interruption Duration)			SAIFI (Interruption Frequency)		
	Class B	Class C	Total	Class B	Class C	Total
2005	2.11	13.28	15.39	0.03	0.25	0.27
2006	0.21	18.87	19.08	0.00	0.54	0.54
2007	0.32	35.33	35.65	0.00	1.21	1.21
2008	-	54.78	54.78	0.00	1.15	1.15
2009	0.01	32.98	32.98	0.00	0.85	0.85
	Reference Period Total SAIDI		157.88	Reference Period Total SAIFI		4.02
	Reference Period Average SAIDI		31.58	Reference Period Average SAIFI		0.80
2011	6.59	38.18	44.77	0.03	1.15	1.18
2012	10.24	53.40	63.63	0.04	1.25	1.29

Reliability Limit Calculations (using Reference Period Dataset)

SAIDI Boundary Calculations		
α_{SAIDI}	-0.7416	The average of the natural logarithm (ln) of each daily SAIDI Value in the non-zero data set
β_{SAIDI}	1.7791	The standard deviation of the natural logarithm (ln) of each daily SAIDI Value in the non-zero data set
$B_{SAIDI} = e^{(\alpha_{SAIDI} + 2.5 \cdot \beta_{SAIDI})}$	40.6957	SAIDI Boundary Value

SAIFI Boundary Calculations		
α_{SAIFI}	-4.3292	The average of the natural logarithm (ln) of each daily SAIFI Value in the non-zero data set
β_{SAIFI}	1.7979	The standard deviation of the natural logarithm (ln) of each daily SAIFI Value in the non-zero data set
$B_{SAIFI} = e^{(\alpha_{SAIFI} + 2.5 \cdot \beta_{SAIFI})}$	1.1801	SAIFI Boundary Value

Event Days exceeding SAIDI Boundary Value within the Reference Dataset

Date	Pre-Normalised SAIDI	Pre-Normalised SAIFI	Normalised SAIDI	Normalised SAIFI
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-

SAIDI Limit

μ_{SAIDI}	31.5760	The average annual SAIDI Value in the Normalised Reference Dataset
σ_{SAIDI}	14.0690	The standard deviation of daily SAIDI Values in the Normalised Reference Dataset multiplied by $\sqrt{365}$
$SAIDI_{Limit} = \mu_{SAIDI} + \sigma_{SAIDI}$	45.6450	SAIDI Limit Value

SAIFI Limit

μ_{SAIFI}	0.8047	The average annual SAIFI Value in the Normalised Reference Dataset
σ_{SAIFI}	0.3275	The standard deviation of daily SAIFI Values in the Normalised Reference Dataset multiplied by $\sqrt{365}$
$SAIFI_{Limit} = \mu_{SAIFI} + \sigma_{SAIFI}$	1.1322	SAIFI Limit Value

Event Days exceeding SAIDI Boundary Value within the 2012 Assessment Dataset

Date	Pre-Normalised SAIDI	Pre-Normalised SAIFI	Normalised SAIDI	Normalised SAIFI
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-
			-	-

Assessed SAIDI Value 2012

SAIDI ₂₀₁₂	63.6322	The sum of daily SAIDI Values in the 1 April 2011 - 31 March 2012 Normalised Assessment Dataset
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Assessed SAIFI Value 2012

SAIFI ₂₀₁₂	1.2950	The sum of daily SAIFI Values in the 1 April 2011 - 31 March 2012 Normalised Assessment Dataset
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Prior Period Assessed Values

Assessed SAIDI Value 2011

SAIDI ₂₀₁₁	44.7686	The sum of daily SAIDI Values in the 1 April 2010 - 31 March 2011 Normalised Assessment Dataset
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Assessed SAIFI Value 2011

SAIFI ₂₀₁₁	1.1821	The sum of daily SAIFI Values in the 1 April 2010 - 31 March 2011 Normalised Assessment Dataset
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Appendix E – Policies and Procedures for Recording SAIDI and SAIFI (Clause 11.1(b)(v))

Electricity Invercargill Limited contracts PowerNet to manage its network via an Outsourcing Agreement.

PowerNet has a number of ISO 9002 procedures that govern the operational processes that surround the interruption, restoration and quality of supply to its customers. These procedures document the process by which managing, recording and reporting of outages is performed by PowerNet. This is carried out by following a series of flow charts, documents, forms and instructions contained within the following procedures:

PNM 65 – Planned Outages

PNM 69 – Network Faults, Defects and Supply Complaints

PNM 71 – Use of Operating Orders

Key items within these procedures that relate to the recording and reporting of SAIDI and SAIFI statistics include:

- Responsibilities for recording faults and outages at the system control operator level through to reviewing and reporting of faults and outages daily by management, weekly at operations meetings and monthly at board meetings.
- Methods by which notification of planned and unplanned outages are identified and captured from various sources such as customers, network equipment, contractors, Transpower, the public or emergency services.
- The use of Operating Orders for planned maintenance and unplanned fault restoration and how the information from these orders flow through to the Outage Reporting System in the form of duration of outages and number of customers affected.
- The recording of all faults and outages, however for the reporting of SAIDI and SAIFI only the inclusion of outages of a duration exceeding one minute or affecting more than three customers is recorded.
- The method of calculating SAIDI and SAIFI for outages which are progressively restored.
- The preparation, retention and archiving of supporting records and data.