

Information Disclosure by Aurora Energy Limited as at 31 March 2010

Pursuant to the
COMMERCE ACT (ELECTRICITY DISTRIBUTION THRESHOLDS) NOTICE 2004,
the AMENDMENT NOTICE 2006 and the AMENDMENT NOTICE 2009

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Information Disclosure Disclaimer

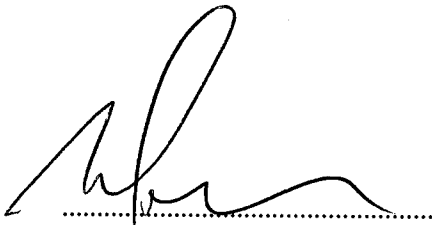
Information disclosed in this document has been prepared solely for the purposes of the Commerce Act (Electricity Distribution Thresholds) Notice 2004, the Amendment Notice 2006 and the Amendment Notice 2009.

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


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

A CERTIFICATION OF THRESHOLD COMPLIANCE STATEMENT

We, Raymond Stuart Polson and Ross Douglas Liddell being Directors of Aurora Energy Limited, certify that, having made all reasonable enquiry, to the best of our knowledge and belief, the attached threshold compliance statement of Aurora Energy Limited, and related information, prepared for the purposes of the Commerce Act (Electricity Distribution Thresholds) Notice 2004 complies with the requirements of that Notice:



.....
Raymond Stuart Polson



.....
Ross Douglas Liddell

Date 12 May 2010

Aurora Energy Limited complies with all the requirements for the price path thresholds and the SAIDI and SAIFI reliability thresholds at 31 March 2010 as specified in the Commerce Act (Electricity Distribution Thresholds) Notice 2004 and subsequent amendments.

B PRICE PATH THRESHOLD

Compliance with two thresholds under the price path is required and Aurora complies with both thresholds.

Clause 5 (1) (a) The Notional Revenue of a distribution business at each assessment date (calculated in accordance with the numerator of the left-hand side of the following expression) is not to exceed the Allowable Notional Revenue of the distribution business under the CPI-X price path at that assessment date (calculated in accordance with the denominator of the left-hand side of the following expression):

Test:	$\frac{NR_{2010}}{R_{2010}}$	≤ 1
Result:	\$39,898,150 / \$40,012,648	< 1
Result:	0.9971	< 1
Result:	Threshold is not breached	

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

Clause 5 (1) (b) The Notional Revenue of a distribution business at any time during an assessment period is not to exceed the greater of the Allowable Notional Revenue of the distribution business at the assessment date on which that assessment period ends and the Allowable Notional Revenue of the distribution business at the previous assessment date under this clause (or, if the previous assessment date is the reference date, under clause 5 of the initial Notice).

Test:	$\frac{NR_{Max}}{Max(R_{2009}, R_{2010})}$	≤ 1
Result:	\$39,898,150 / \$40,012,648	< 1
Result:	0.9971	< 1
Result:	Threshold is not breached	

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

Detailed calculations of the $\Sigma P_{i,2010} Q_i$ at 31 March 2010 are attached, being:

⇒ the maximum $\Sigma P_{i,2010} Q_i$ during the period 1 April 2009 to 31 March 2010

Appendix B → This sheet shows $\Sigma P_{i,2010} Q_i$ for the prices at 1 April 2008 and 1 April 2009 and summarises revenues from appendices C and D. An adjustment of \$48,682 has been made in the Frankton pricing area resulting from application of the prudent discount policy that applies in the Frankton Sub area as per the Aurora Use of System Pricing Methodology.

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

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

Excluded Services

The following are excluded services for the calculation of Notional Revenue:

- (a) Connection, disconnection, or reconnection services. Aurora obtains no revenue from the provision of such services since these are carried out by other parties. The contractors charge electricity retailers or consumers as appropriate.
- (b) "Non conveyance" goods and services. Aurora does not provide services such as energy use monitoring services, consulting services or the provision of information not directly related to the provision of electricity distribution. Aurora does own some buildings, for which a market-based rental is charged to the tenants.
- (c) "Other" goods and services. Aurora does earn income in the form of capital contributions associated with new connections. In all such cases, the capital contribution paid by the consumer or developer is the residual cost of the network extension (after a contribution by Aurora to the total cost of the network extension). In addition, the consumer selects the "design and build" contractor for the network extension and, thus, would normally select the contractor tendering the lowest total cost of the network extension.
- (d) The provision of services associated with the embedded network for Heritage Estate Te Anau. This small 180-lot network was won in open competition in 2005 after the developer requested tenders for the design, build and operation of the electricity network in the subdivision.

Transmission Charges

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

- (a) Transpower Connection, Interconnection, and New Investment charges.
- (b) Avoided transmission charges paid to embedded generators.

Loss and Constraint Rental Rebates for off take grid exit points are excluded as these are passed through to retailers each month on the basis of their share of monthly transmission charges. HVDC charges and Loss and Constraint Rental Rebates associated with input grid exit points are excluded as these are recovered / passed through to embedded generators.

C QUALITY THRESHOLD

Compliance with two thresholds under the quality test is required and Aurora complies with both the SAIDI and the SAIFI threshold.

Clause 6 (1) (a) Interruption Duration (Class B&C)

Test:	$SAIDI_{2010} \leq \left(\frac{SAIDI_{1999} + SAIDI_{2000} + SAIDI_{2001} + SAIDI_{2002} + SAIDI_{2003}}{5} \right)$		
Result:	72.47	<	106.20
Result:	SAIDI does not breach the threshold		

SAIDI is the sum of the planned and unplanned interruption minutes per network connection for events occurring within the Aurora network. The SAIDI for the year ended 31 March 2010 was 72.47 minutes which is less than the average SAIDI of 106.20 minutes for the five years ended 31 March 2003.

Aurora, therefore, complies with the interruption duration threshold. Supporting evidence is presented in Appendix E.

Clause 6 (1) (b) Interruption Frequency (Class B&C)

Test:	$SAIFI_{2010} \leq \left(\frac{SAIFI_{1999} + SAIFI_{2000} + SAIFI_{2001} + SAIFI_{2002} + SAIFI_{2003}}{5} \right)$		
Result:	1.34	<	1.62
Result:	SAIFI does not breach the threshold		

SAIFI is the sum of the planned and unplanned frequency of interruptions per network connection for events occurring within the Aurora network. The SAIFI for the year ended 31 March 2010 was 1.34 which is less than the average SAIFI of 1.62 interruptions per annum for the 5 year period ended 31 March 2003.

Aurora, therefore, complies with the interruption frequency threshold. Supporting evidence is presented in Appendix E.

D QUALITY POLICIES AND PROCEDURES

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

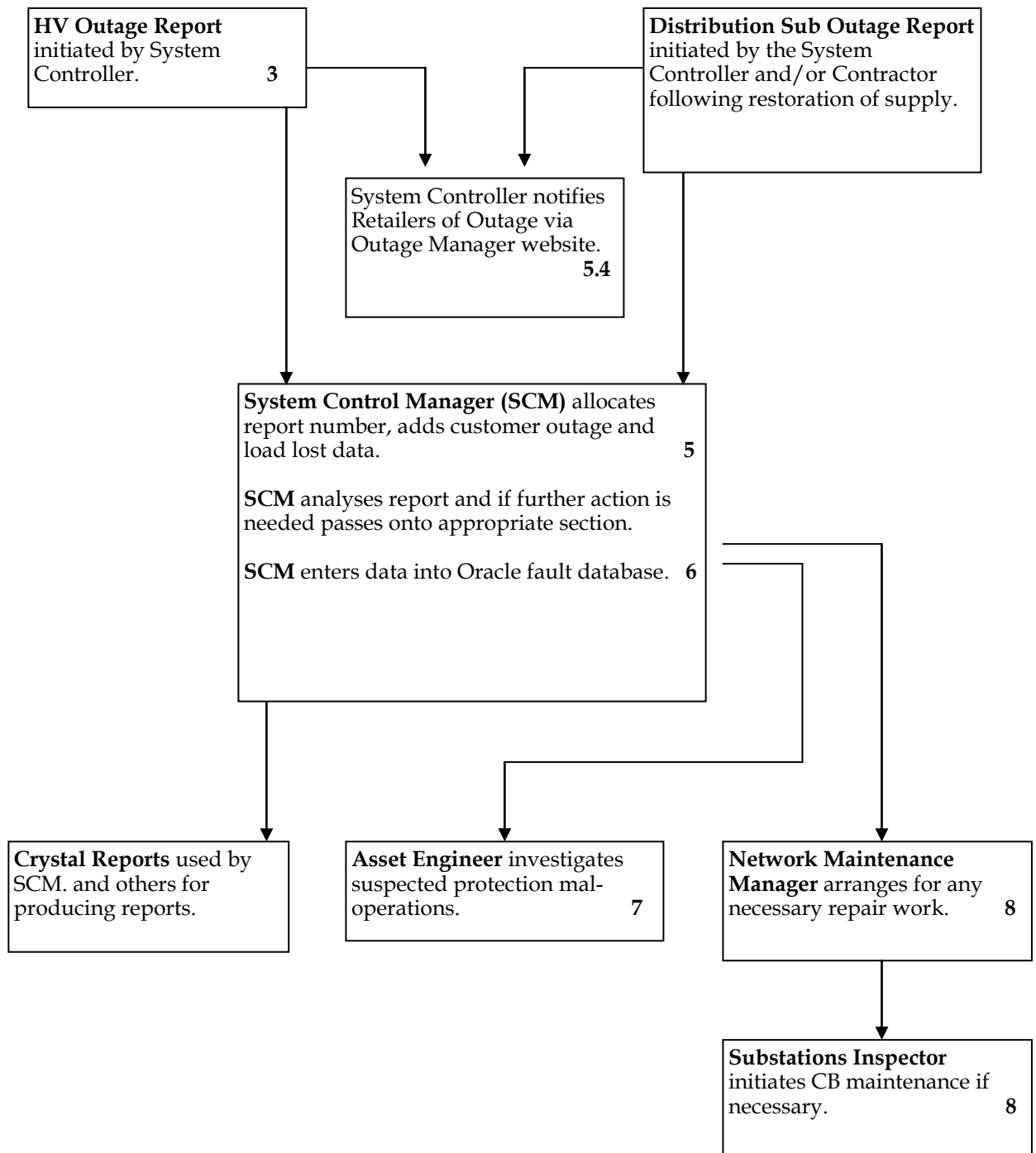


Figure 1 - Flow Diagram for Processing Outage Reports

The duty System Controller is responsible for initiating a fault report as soon as the fault occurs and, when completed, attaching the relevant information such as switching instructions, SCADA print-outs, etc. The System Control Manager also peruses the daily report from the after hours telephone answering service to ensure that reports for outages involving single HV fuses or LV fuses supplying multiple consumers are captured. All details on the fault reports are subsequently checked by the System Control Manager. He is also responsible for entering data from the report into the *DELTA* outage database. This database is used to collect data on all outages where equipment is removed from service. It therefore includes all planned interruptions and unplanned interruptions as well as those involving all HV fuses and where LV fuses supply multiple ICPs. Momentary interruptions due to circuit reclosers at zone substations less than one minute are also included. Momentary interruptions due to reclosers in the HV network that are not connected to SCADA are recorded in the database if recorded by multiple UTL devices. The outage database holds the customer-minutes interrupted for each outage along with date, time, cause, voltage of faulted circuit, load lost and number of customers affected.

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

Each month a summary of outages (including details of the major outages) is reported to the directors of Aurora Energy Ltd. A separate report on outage performance is also included in the Quarterly Asset Performance Report to the directors of Aurora Energy Ltd. At the end of March each year an extract of all outages is imported into MS Excel where further analysis is carried out prior to the production of the reports for publication for the Information Disclosure Requirements. These reports are scrutinised by the System Control Managers and the Network Services Manager for consistency of coding and to ensure that all interruptions less than 1 minute or involving LV circuits are not included in the Class B or C interruptions.

- those statistics have been calculated based on the source data provided to us. We have not performed audit procedures on the source data.

Relationship and interests

Other than as auditors of the threshold compliance statement, we have no relationship with or interests in Aurora Energy Limited.

Opinions

1. Unqualified opinion

We have obtained all the information and explanations we have required.

Price Path Threshold

In our opinion, having made all reasonable enquiry, to the best of our knowledge the amounts or details set out in the threshold compliance statement relating to the price path threshold set out in clause 5 of the Notice and related information have been prepared in accordance with the Notice, and give a true and fair view of the performance of Aurora Energy Limited against the threshold for the assessment period ended 31 March 2010.

Quality Threshold: SAIDI and SAIFI statistics

In our opinion, having made all reasonable enquiry, to the best of our knowledge:

- a) the SAIDI and SAIFI statistics for the assessment period ended 31 March 2010 which are relevant to those parts of the quality threshold that are set out in clauses 6(1)(a) and 6(1)(b) of the Notice and related information have been calculated or prepared in accordance with the Notice and in accordance with Aurora Energy Limited's policies and procedures for recording SAIDI and SAIFI statistics as disclosed in the threshold compliance statement, and fairly represent the performance of Aurora Energy Limited for the assessment period ended 31 March 2010;
- b) the SAIDI and SAIFI statistics for the years ended 31 March 1999, 2000, 2001, 2002 and 2003 which are relevant to those parts of the quality threshold that are set out in clauses 6(1)(a) and 6(1)(b) of the Notice, have been correctly taken from the information disclosed by Aurora Energy Limited in accordance with the Electricity (Information Disclosure) Regulations 1999. Those statistics have been properly calculated based on the unaudited source data.

2. Qualified opinion

The scope of our audit work was subjected to the following limitation:

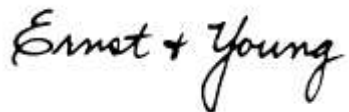
- The quality threshold data published by Aurora Energy Limited as at 30 September 2003 and for the years ended 31 March 2004, 2005, 2006, 2007 and 2008 included a qualified audit opinion from PricewaterhouseCoopers due to:
 - No independent evidence being available for the period to support the completeness and accuracy of recorded faults.
 - Control over the completeness and accuracy of ICP data included in the SAIDI and SAIFI calculations is limited throughout the period.

The qualified PricewaterhouseCoopers' opinion and the lack of available audit evidence, means that there are no practical audit procedures that we could adopt to confirm independently that all outage and ICP data was properly recorded for inclusion in the quality threshold disclosure information.

In these respects alone we have not obtained all the information and explanations that we have required.

Because of the potential effect on the limitations in the evidence available to us, we are unable to form an opinion as to whether the amounts or details set out in the SAIDI and SAIFI statistics for the assessment period ended on 31 March 2010, together with the SAIDI and SAIFI statistics for the years ended 31 March 1999, 2000, 2001, 2002 and 2003, give a true and fair view of the performance of Aurora Energy Limited against those parts of the quality threshold that are set out in clauses 6(1)(a) and 6(1)(b) of the Notice for the assessment period ended on 31 March 2010.

Our audit was completed on 12 May 2010 and our unqualified and qualified opinions are expressed as at that date.

A handwritten signature of 'Ernst & Young' in a cursive script.

Ernst & Young
Christchurch

12 May 2010

APPENDIX A

Clause 5 (1) (a) NR2010

Notional Revenue for the year ending 31 March 2010		
Term	Description	(\$)
$\sum P_{i,2010} Q_i$	Prices at 31 March 2010 multiplied by 31 March 2003 Base Quantities	61,524,564
K_{2010}	Transmission Charges for year ending 31 March 2010	20,936,188
	Rates for year ending 31 March 2010	519,475
	Electricity Commission Levies for year ending 31 March 2010	170,751
$NR_{2010} = \sum P_{i,2010} Q_i - K_{2010}$	Notional Revenue for the year ending 31 March 2010	39,898,150

R₂₀₀₄

Maximum Notional Revenue at the reference date which would not have caused the distribution business to breach the price path under the Initial Notice		
Term	Description	(\$)
$\sum P_{i,0} x Q_{i,0}$	Prices at 6 September 2003 multiplied by 31 March 2003 Base Quantities	51,093,709
C_{T2003}	Budget Transmission Charges for year ending 31 March 2004	14,890,000
C_{R2003}	Budget Rates for year ending 31 March 2004	309,000
R_{2004}	Maximum Revenue at 31 March 2004 that would not have caused a breach under the Initial Notice	35,894,709

Note: All notation in the table above except R₂₀₀₄ comes from the Initial Notice.

Test for 5 (1) (a) - $(NR_{2010} / R_{2010} \leq 1)$

Allow able Notional Revenue under CPI-X price path		
Term	Description	(\$)
X	X Factor	1%
R_{2004}	Maximum Revenue at 31 March 2004 that would not have caused a breach under the Initial Notice	35,894,709
$(I + \Delta CPI_{2005})$	Average change in Consumer Price Index over 2004	1.0229
$(I-X)$	1-X Factor	0.99
R_{2005}	Allow able Notional Revenue under the CPI-X Price Path for the year ended 31 March 2005	36,349,619
$(I + \Delta CPI_{2006})$	Average change in Consumer Price Index over 2005	1.0304
$(I-X)$	1-X Factor	0.99
R_{2006}	Allow able Notional Revenue under the CPI-X Price Path for the year ended 31 March 2006	37,079,029
$(I + \Delta CPI_{2007})$	Average change in Consumer Price Index over 2006	1.0337
$(I-X)$	1-X Factor	0.99
R_{2007}	Allow able Notional Revenue under the CPI-X Price Path for the year ended 31 March 2007	37,943,620
$(I + \Delta CPI_{2008})$	Average change in Consumer Price Index over 2007	1.0238
$(I-X)$	1-X Factor	0.99
R_{2008}	Allow able Notional Revenue under the CPI-X Price Path for the year ended 31 March 2008	38,456,762
$(I + \Delta CPI_{2009})$	Average change in Consumer Price Index over 2008	1.0396
$(I-X)$	1-X Factor	0.99
R_{2009}	Allow able Notional Revenue under the CPI-X Price Path for the year ended 31 March 2009	39,579,452
$(I + \Delta CPI_{2010})$	Average change in Consumer Price Index over 2009	1.0212
$(I-X)$	1-X Factor	0.99
R_{2010}	Allow able Notional Revenue under the CPI-X Price Path for the year ended 31 March 2010	40,012,648
NR_{2010} / R_{2010}	Expression must be less than or equal to 1 to avoid breaching 5(1)(a)	0.9971
$R_{2010} - NR_{2010}$	Value of Compliance or (Breach)	114,498

For presentation purposes, the CPI Index has been presented to four decimal places, however, for the calculation of R_{2010} , the full index (with no rounding) has been applied.

ΔCPI_{2005}			
Numerator		Denominator	
<i>CPI</i> _{Q1,2004}	928	<i>CPI</i> _{Q1,2003}	913
<i>CPI</i> _{Q2,2004}	935	<i>CPI</i> _{Q2,2003}	913
<i>CPI</i> _{Q3,2004}	941	<i>CPI</i> _{Q3,2003}	918
<i>CPI</i> _{Q4,2004}	949	<i>CPI</i> _{Q4,2003}	924
Total	3753	Total	3669
ΔCPI_{2005}	2.29%		

Source: Statistics New Zealand All Groups SE9A Index (Note this index was rebased to June 2006 - Consumers Price Index Review information paper published on 28 September 2006. The 2006 September quarter CPI was the first index published using the new base)

ΔCPI_{2006}			
Numerator		Denominator	
<i>CPI</i> _{Q1,2005}	953	<i>CPI</i> _{Q1,2004}	928
<i>CPI</i> _{Q2,2005}	962	<i>CPI</i> _{Q2,2004}	935
<i>CPI</i> _{Q3,2005}	973	<i>CPI</i> _{Q3,2004}	941
<i>CPI</i> _{Q4,2005}	979	<i>CPI</i> _{Q4,2004}	949
Total	3867	Total	3753
ΔCPI_{2006}	3.04%		

Source: Statistics New Zealand All Groups SE9A Index (Note this index was rebased to June 2006 - Consumers Price Index Review information paper published on 28 September 2006. The 2006 September quarter CPI was the first index published using the new base)

ΔCPI_{2007}			
Numerator		Denominator	
<i>CPI</i> _{Q1,2006}	985	<i>CPI</i> _{Q1,2005}	953
<i>CPI</i> _{Q2,2006}	1000	<i>CPI</i> _{Q2,2005}	962
<i>CPI</i> _{Q3,2006}	1007	<i>CPI</i> _{Q3,2005}	973
<i>CPI</i> _{Q4,2006}	1005	<i>CPI</i> _{Q4,2005}	979
Total	3997	Total	3867
ΔCPI_{2007}	3.37%		

Source: Statistics New Zealand All Groups SE9A Index (Note this index was rebased to June 2006 - Consumers Price Index Review information paper published on 28 September 2006. The 2006 September quarter CPI was the first index published using the new base)

ΔCPI_{2008}			
Numerator		Denominator	
<i>CPI</i> _{Q1,2007}	1010	<i>CPI</i> _{Q1,2006}	985
<i>CPI</i> _{Q2,2007}	1020	<i>CPI</i> _{Q2,2006}	1000
<i>CPI</i> _{Q3,2007}	1025	<i>CPI</i> _{Q3,2006}	1007
<i>CPI</i> _{Q4,2007}	1037	<i>CPI</i> _{Q4,2006}	1005
Total	4092	Total	3997
ΔCPI_{2008}	2.38%		

Source: Statistics New Zealand All Groups SE9A Index (Note this index was rebased to June 2006 - Consumers Price Index Review information paper published on 28 September 2006. The 2006 September quarter CPI was the first index published using the new base)

ΔCPI_{2009}			
Numerator		Denominator	
<i>CPI</i> _{Q1,2008}	1044	<i>CPI</i> _{Q1,2007}	1010
<i>CPI</i> _{Q2,2008}	1061	<i>CPI</i> _{Q2,2007}	1020
<i>CPI</i> _{Q3,2008}	1077	<i>CPI</i> _{Q3,2007}	1025
<i>CPI</i> _{Q4,2008}	1072	<i>CPI</i> _{Q4,2007}	1037
Total	4254	Total	4092
ΔCPI_{2009}	3.96%		

ΔCPI_{2010}			
Numerator		Denominator	
<i>CPI</i> _{Q1,2009}	1075	<i>CPI</i> _{Q1,2008}	1044
<i>CPI</i> _{Q2,2009}	1081	<i>CPI</i> _{Q2,2008}	1061
<i>CPI</i> _{Q3,2009}	1095	<i>CPI</i> _{Q3,2008}	1077
<i>CPI</i> _{Q4,2009}	1093	<i>CPI</i> _{Q4,2008}	1072
Total	4344	Total	4254
ΔCPI_{2010}	2.12%		

Clause 5 (1) (b)

NR_{Max}

Maximum Notional Revenue for the period 1 April 2009 to 31 March 2010. P x Q using 31 March 2010 Prices and 31 March 2003 Base Quantities if there has been no change in prices over this period, otherwise the prices which generate the maximum notional revenue over the period when using 31 March 2003 quantities		
Term	Description	(\$)
$\sum P_{Max} Q_i$	Maximum Price Between 1 April 2009 and 31 March 2010 multiplied by 31 March 2003 Base Quantities	61,524,564
K_{2010}	Transmission Charges for year ending 31 March 2010	20,936,188
	Rates Charges for year ending 31 March 2010	519,475
	Electricity Commission Levies for year ending 31 March 2010	170,751
NR_{Max}	Maximum Notional Revenue for 1 April 2009 to 31 March 2010	39,898,150

Test for 5 (1) (b) - $(NR_{Max} / \text{Max}(R_{2009}, R_{2010})) \leq 1$

Notional Revenue during the period is not to exceed the maximum of the Allowable Notional Revenue at the end of the assessment period and the Allowable Notional Revenue at the end of the previous assessment period		
Term	Description	(\$)
NR_{Max}	Maximum Notional Revenue for 1 April 2009 to 31 March 2010	39,898,150
R_{2009}	Allowable Notional Revenue at 31 March 2009	39,579,452
R_{2010}	Allowable Notional Revenue at 31 March 2010	40,012,648
$\text{Max}(R_{2009}, R_{2010})$	Maximum of the Allowable Notional Revenue at 31 March 2009 and the Allowable Notional Revenue at 31 March 2010	40,012,648
$NR_{Max} / \text{Max}(R_{2009}, R_{2010})$	If expression is greater than 1, Clause 5 (1) (b) is breached	0.9971
$\text{Max}(R_{2009}, R_{2010}) - NR_{Max}$	Value of Compliance or (Breach)	114,498

APPENDIX B

Area	Description	\$ 1 Apr 08	\$ 1 Apr 09	Source Data	Ref
HalfwayBush&SouthDunedin	Std Domestic variable	20,872,949	20,325,841	Retailers	1
	Std Domestic fixed	2,415,612	2,415,612	Gentrack	A
	Capacity fixed	15,643,182	15,139,399	Gentrack	B
	Street Lighting	297,191	310,610	Gentrack	C
		39,228,934	38,191,462		
Frankton	Std Domestic variable	4,287,310	4,108,697	Retailers	3
	Std Domestic fixed	348,003	348,003	Gentrack	G
	Capacity fixed	412,748	397,937	Gentrack	H
	General 400V fixed	-	-	Gentrack	I
	Demand Metered HHR	-	-	Retailers	13
	General 400V variable profile	-	-	Retailers	5
	General 400V variable HHR	-	-	Retailers	11
	Transition 1 capacity L3-L5	2,459,197	2,330,102	Retailers	15
	Transition 1 capacity L2	1,930,090	1,878,867	Retailers	17
	Transition 1 variable profile	-	-	Retailers	7
	Transition 1 variable HHR	-	-	Retailers	19
	General 400V fixed L1	-	-	Retailers	21
	General 400V variable profile L1	-	-	Retailers	9
	Transition 2 capacity & variable L1	681,330	653,531	Retailers	25
	QLDC St Ltg	69,795	68,684	Retailers	23
	Prudent Discount Policy FKN Sub area	(45,720)	(48,682)		
		10,142,753	9,737,139		
Clyde&Cromwell	Std Domestic variable	6,880,898	7,540,870	Retailers	2
	Std Domestic fixed	539,333	539,333	Gentrack	D
	Capacity fixed	457,290	489,711	Gentrack	E
	General 400V fixed	-	-	Gentrack	F
	Demand Metered HHR	-	-	Retailers	12
	General 400V variable profile	-	-	Retailers	4
	General 400V variable HHR	-	-	Retailers	10
	Transition 1 capacity L3-L5	1,463,787	1,551,596	Retailers	14
	Transition 1 capacity L2	2,198,596	2,385,013	Retailers	16
	Transition 1 variable profile	-	-	Retailers	6
	Transition 1 variable HHR	-	-	Retailers	18
	General 400V fixed L1	-	-	Retailers	20
	General 400V variable profile L1	-	-	Retailers	8
	Transition 2 capacity & variable L1	945,098	1,018,366	Retailers	24
	CODC St Lighting	69,033	71,072	Retailers	22
	12,554,035	13,595,963			
Grand Total		61,925,722	61,524,564		

APPENDIX C

Area	Load Group		Base Quantity as at 31 March 2003	Price \$ 1/4/08			Network \$			Transmission \$			Notional Rev \$			Price \$ 1/4/09			Network \$			Transmission \$			Notional Rev \$					
				Network	Transmission		1/04/2008	1/04/2008	1/04/2008	1/04/2008	1/04/2008	1/04/2008	1/04/2008	1/04/2008	1/04/2008	1/04/2008	1/04/2008	1/04/2008	1/04/2008	1/04/2008	1/04/2008	1/04/2008	1/04/2008	1/04/2008	1/04/2008	1/04/2008	1/04/2008	1/04/2008	1/04/2008	
Dunedin	Standard Domestic 15	Number	44,014	54.73			2,408,895	-				2,408,895	54.73				2,408,895	-					2,408,895	-						2,408,895
Dunedin		Total Capacity kVA	660,225				-	-				-					-	-					-	-						-
Dunedin	Standard Domestic 8	Number	448	15.00			6,716	-				6,716	15.00				6,716	-					6,716	-					6,716	
Dunedin		Total Capacity kVA	3,582				-	-				-					-	-					-	-						-
					A		2,415,612	-				2,415,612					2,415,612	-					2,415,612	-					2,415,612	
Dunedin	L0	Number	68	105.68	55.20		7,142	3,731				10,873	102.51	53.65			6,928	3,626				10,554								
Dunedin		Total Capacity kVA	68				-	-				-					-	-					-	-						-
Dunedin	LOA	Number	58	219.40	119.39		12,707	6,915				19,622	212.82	116.05			12,326	6,721				19,047								
Dunedin		Total Capacity kVA	116				-	-				-					-	-					-	-						-
Dunedin	Load Group 1	Number	3,623	10.20			36,954	-				36,954	9.89				35,831	-				35,831								35,831
Dunedin		Total Capacity kVA	54,344	11.27	2.87		612,454	155,967				768,421	11.53	2.18			626,583	118,469				745,053								745,053
Dunedin		Total CPD kW	8,365	84.50	68.20		706,848	570,498				1,277,346	81.97	68.20			685,685	570,498				1,256,182								1,256,182
Dunedin	Load Group 1A	Number	215	10.20			2,190	-				2,190	9.89				2,124	-				2,124								2,124
Dunedin		Total Capacity kVA	1,718	12.76	3.72		21,922	6,391				28,313	12.98	3.02			22,300	5,188				27,488								27,488
Dunedin		Total CPD kW	211	84.50	68.20		17,820	14,383				32,203	81.97	68.20			17,287	14,383				31,670								31,670
Dunedin	Load Group 2	Number	2,447	20.00			48,938	-				48,938	19.40				47,470	-				47,470								47,470
Dunedin		Total Capacity kVA	125,856	16.62	2.31		2,091,725	290,727				2,382,453	16.69	1.68			2,100,535	211,438				2,311,973								2,311,973
Dunedin		Total CPD kW	22,589	84.50	68.20		1,908,804	1,540,597				3,449,401	73.14	68.20			1,652,189	1,540,597				3,192,786								3,192,786
Dunedin		Other Charge	(658)	1			(658)	-				(658)	1				(658)	-				(658)								(658)
Dunedin	Load Group 3	Number	101	400.00			40,333	-				40,333	388.00				39,123	-				39,123								39,123
Dunedin		Total Capacity kVA	19,811	24.19	4.32		479,230	85,584				564,814	23.84	3.82			472,296	75,678				547,975								547,975
Dunedin		Total KVA-KM	1,320	0.27			356	-				356	0.27				356	-				356								356
Dunedin		Total CPD kW	5,758	62.00	66.93		356,992	385,379				742,371	57.01	66.93			328,260	385,379				713,639								713,639
Dunedin		Other Charge	(4,039)	1			(4,039)	-				(4,039)	1				(4,039)	-				(4,039)								(4,039)
Dunedin	Load Group 3A	Number	88	400.00			35,333	-				35,333	388.00				34,273	-				34,273								34,273
Dunedin		Total Capacity kVA	28,654	22.39	4.32		641,571	123,787				765,357	22.02	3.82			630,968	109,460				740,428								740,428
Dunedin		Total KVA-KM	2,212	0.27			597	-				597	0.27				597	-				597								597
Dunedin		Total CPD kW	9,581	62.00	66.93		594,022	641,256				1,235,278	57.01	66.93			546,213	641,256				1,187,469								1,187,469
Dunedin		Other Charge	(1,742)	1			(1,742)	-				(1,742)	1.38				(2,412)	-				(2,412)								(2,412)
Dunedin	Load Group 4	Number	55	1,000.00			54,750	-				54,750	970.00				53,108	-				53,108								53,108
Dunedin		Total Capacity kVA	38,752	13.96	4.17		540,978	161,596				702,574	12.48	3.73			483,625	144,545				628,170								628,170
Dunedin		Total KVA-KM	2,653	0.27			716	-				716	0.27				716	-				716								716
Dunedin		Total CPD kW	12,181	44.26	66.93		539,142	815,291				1,354,433	44.80	66.93			545,720	815,291				1,361,011								1,361,011
Dunedin		Other Charge	185,371	1			185,371	-				185,371	1.38				256,668	-				256,668								256,668
Dunedin	Load Group 5	Number	9	1,000.00			9,250	-				9,250	970.00				8,973	-				8,973								8,973
Dunedin		Total Capacity kVA	36,375	7.98	4.80		290,273	174,600				464,873	7.10	4.31			258,263	156,776				415,039								415,039
Dunedin		Total KVA-KM	4,113	0.27			1,110	-				1,110	0.27				1,110	-				1,110								1,110
Dunedin		Total CPD kW	14,129	28.13	66.93		397,442	945,637				1,343,079	28.61	66.93			404,224	945,637				1,349,861								1,349,861
Dunedin		Other Charge	92,310	1			92,310	-				92,310	1.38				127,814	-				127,814								127,814
					B		9,720,845	5,922,338				15,643,182					9,394,456	5,744,943				15,139,399								15,139,399
Dunedin	Street Lighting	Fixed	1	C	213,712	83,479	213,712	83,479				297,191	226,570	84,040			226,570	84,040				310,610								310,610
CYD/CML	Standard Domestic 15	Number	9,853	54.73			539,255	-				539,255	54.73				539,255	-				539,255								539,255
CYD/CML		Total Capacity kVA	147,795				-	-				-					-	-				-	-							-
CYD/CML	Standard Domestic 8	Number	5	15.00			79	-				79	15.00				79	-				79								79
CYD/CML		Total Capacity kVA	42				-	-				-					-	-				-	-							-
					D		539,333	-				539,333					539,333	-				539,333								539,333

Area	Load Group		Base Quantity as at 31 March 2003	Price \$ 1/4/08		Network \$	Transmission \$	Notional Rev \$	Price \$ 1/4/09		Network \$	Transmission \$	Notional Rev \$
				Network	Transmission	1/04/2008	1/04/2008	1/04/2008	Network	Transmission	1/04/2009	1/04/2009	1/04/2009
Capacity based													
CYD/CML	Load Group 0	Number	96	148.96	49.30	14,350	4,749	19,099	171.30	42.20	16,502	4,065	20,567
CYD/CML		Total Capacity kVA	96			-	-	-			-	-	-
CYD/CML	Load Group 0A	Number	153	284.00	124.10	43,476	18,998	62,473	326.60	106.23	49,997	16,262	66,259
CYD/CML		Total Capacity kVA	306			-	-	-			-	-	-
CYD/CML	Load Group 1	Number	76	12.00		916	-	916	12.00		916	-	916
CYD/CML		Total Capacity kVA	1,145	20.10	1.26	23,015	1,443	24,457	22.02	0.18	25,213	206	25,419
CYD/CML		Total CPD kW	155	135.40	68.20	20,923	10,539	31,461	155.26	68.20	23,992	10,539	34,530
CYD/CML	Load Group 1A	Number	20	12.00		237	-	237	12.00	-	237	-	237
CYD/CML		Total Capacity kVA	158	21.90	2.22	3,460	351	3,811	24.09	1.00	3,806	158	3,964
CYD/CML		Total CPD kW	20	135.40	68.20	2,737	1,379	4,116	155.26	68.20	3,139	1,379	4,518
CYD/CML	Load Group 2	Number	113	24.00		2,722	-	2,722	24.00	-	2,722	-	2,722
CYD/CML		Total Capacity kVA	4,909	24.26	1.33	119,102	6,530	125,632	27.40	0.10	134,518	491	135,009
CYD/CML		Total CPD kW	560	122.28	68.20	68,489	38,199	106,688	144.00	65.00	80,654	36,407	117,061
CYD/CML		Other Charge	-	1		-	-	-	1		-	-	-
CYD/CML	Load Group 3	Number	5	480.00		2,520	-	2,520	480.00	-	2,520	-	2,520
CYD/CML		Total Capacity kVA	1,022	39.03	3.32	39,872	3,392	43,264	41.58	0.14	42,477	143	42,620
CYD/CML		Total KVA-KM	355	0.30		106	-	106	0.33		117	-	117
CYD/CML		Total CPD kW	87	115.12	66.93	9,977	5,801	15,778	145.00	66.93	12,567	5,801	18,367
CYD/CML		Other Charge	-	1		-	-	-	1.38		-	-	-
CYD/CML	Load Group 3A	Number	-	480.00		-	-	-	480.00	-	-	-	-
CYD/CML		Total Capacity kVA	-	36.52	3.32	-	-	-	38.70	0.14	-	-	-
CYD/CML		Total KVA-KM	-	0.30		-	-	-	0.33		-	-	-
CYD/CML		Total CPD kW	-	115.12	66.93	-	-	-	145.00	66.93	-	-	-
CYD/CML		Other Charge	-	1		-	-	-	1.38		-	-	-
CYD/CML	Load Group 4	Number	0	1,260.00		420	-	420	1,260.00	-	420	-	420
CYD/CML		Total Capacity kVA	167	30.50	4.15	5,083	692	5,775	31.10	0.75	5,183	125	5,308
CYD/CML		Total KVA-KM	27	0.30		8	-	8	0.33		9	-	9
CYD/CML		Total CPD kW	42	99.60	66.93	4,150	2,789	6,939	123.80	66.93	5,158	2,789	7,947
CYD/CML		Other Charge	867	1		867	-	867	1.38		1,200	-	1,200
CYD/CML	Load Group 5	Number	-	1,260.00		-	-	-	1,260.00	-	-	-	-
CYD/CML		Total Capacity kVA	-	20.58	4.15	-	-	-	20.78	0.75	-	-	-
CYD/CML		Total KVA-KM	-	0.30		-	-	-	0.33		-	-	-
CYD/CML		Total CPD kW	-	82.50	66.93	-	-	-	104.24	66.93	-	-	-
CYD/CML		Other Charge	-	1		-	-	-	1.38		-	-	-
				E		362,431	94,859	457,290			411,348	78,364	489,711
General 400V pre 1 May 03													
CYD/CML	GLV	Number	2,688			-	-	-			-	-	-
CYD/CML		Total Capacity kVA	92,710			-	-	-			-	-	-
CYD/CML		Total CPD kW	9,106			-	-	-			-	-	-
CYD/CML		Other Charge	217			-	-	-			-	-	-
				F		-	-	-			-	-	-

Area	Load Group		Base Quantity		Price \$ 1/4/08			Price \$ 1/4/09					
			as at 31 March 2003	Network	Transmission	Network \$	Transmission \$	Notional Rev \$	Network \$	Transmission \$	Notional Rev \$		
						1/04/2008	1/04/2008	1/04/2008			1/04/2009	1/04/2009	1/04/2009
FKN	Standard Domestic 15	Number	6,348	54.73		347,403	-	347,403	54.73		347,403	-	347,403
FKN		Total Capacity kVA	95,214			-	-	-			-	-	-
FKN		Adjustment Total	554	1		554	-	554	1		554	-	554
FKN	Standard Domestic 8	Number	3	15.00		46	-	46	15.00		46	-	46
FKN		Total Capacity kVA	25			-	-	-			-	-	-
				G		348,003	-	348,003			348,003	-	348,003
FKN	Load Group 0	Number	44	112.20	62.40	4,946	2,751	7,697	115.57	53.79	5,095	2,371	7,466
FKN		Total Capacity kVA	44			-	-	-			-	-	-
FKN	Load Group 0A	Number	139	203.30	141.30	28,208	19,605	47,813	209.40	121.80	29,054	16,900	45,954
FKN		Total Capacity kVA	278			-	-	-			-	-	-
FKN	Load Group 1	Number	73	10.00		733	-	733	10.30		755	-	755
FKN		Total Capacity kVA	1,100	12.78	9.16	14,058	10,076	24,134	15.66	5.40	17,226	5,940	23,166
FKN		Total CPD kW	154	88.00	68.20	13,569	10,516	24,085	81.23	68.20	12,525	10,516	23,041
FKN	Load Group 1A	Number	14	10.00		144	-	144	10.30		148	-	148
FKN		Total Capacity kVA	105	14.21	10.08	1,487	1,055	2,542	17.14	5.79	1,794	606	2,400
FKN		Total CPD kW	16	88.00	68.20	1,450	1,124	2,573	81.23	68.20	1,338	1,124	2,462
FKN	Load Group 2	Number	110	16.26		1,791	-	1,791	16.75		1,845	-	1,845
FKN		Total Capacity kVA	4,934	16.53	7.59	81,563	37,451	119,014	18.10	4.04	89,310	19,934	109,244
FKN		Total CPD kW	715	94.20	68.20	67,318	48,738	116,056	97.02	68.20	69,334	48,738	118,072
FKN		Other Charge	(71)	1		(71)	-	(71)	1		(71)	-	(71)
FKN	Load Group 3	Number	2	380.00		760	-	760	380.00		760	-	760
FKN		Total Capacity kVA	380	30.65	16.88	11,647	6,414	18,061	35.43	9.69	13,463	3,682	17,146
FKN		Total KVA-KM	65	0.30		20	-	20	0.30		20	-	20
FKN		Total CPD kW	90	63.50	66.93	5,683	5,990	11,673	59.65	66.93	5,339	5,990	11,329
FKN		Other Charge	-	1		-	-	-	1.38		-	-	-
FKN	Load Group 3A	Number	1	380.00		412	-	412	380.00		412	-	412
FKN		Total Capacity kVA	425	28.65	16.88	12,176	7,174	19,350	33.37	9.69	14,182	4,118	18,301
FKN		Total KVA-KM	82	0.30		25	-	25	0.30		25	-	25
FKN		Total CPD kW	122	63.50	66.93	7,758	8,177	15,934	59.65	66.93	7,287	8,177	15,464
FKN		Other Charge	-	1		-	-	-	1.38		-	-	-
FKN	Load Group 4	Number	-	1,000.00		-	-	-	1,000.00		-	-	-
FKN		Total Capacity kVA	-	18.48	20.75	-	-	-	21.24	11.41	-	-	-
FKN		Total KVA-KM	-	0.30		-	-	-	0.30		-	-	-
FKN		Total CPD kW	-	59.10	66.93	-	-	-	61.71	66.93	-	-	-
FKN		Other Charge	-	1		-	-	-	1.38		-	-	-
FKN	Load Group 5	Number	-	1,000.00		-	-	-	1,000.00		-	-	-
FKN		Total Capacity kVA	-	8.80	16.90	-	-	-	8.36	11.27	-	-	-
FKN		Total KVA-KM	-	0.30		-	-	-	0.30		-	-	-
FKN		Total CPD kW	-	45.32	66.93	-	-	-	47.92	66.93	-	-	-
FKN		Other Charge	-	1		-	-	-	1.38		-	-	-
				H		253,677	159,071	412,748			269,841	128,096	397,937
FKN	GLV	Number	1,809			-	-	-			-	-	-
FKN		Total Capacity kVA	65,233			-	-	-			-	-	-
FKN		Total CPD kW	10,212			-	-	-			-	-	-
FKN		Other Charge	2,167			-	-	-			-	-	-
				I				-					-

APPENDIX D

Area	GXP	Description	Tariff	Base Quantity as at 31 March 2003	Price c/kWh 1 Apr 08			Network \$			Transmission \$			Price c/kWh 1 Apr 09		
					Network	Trans.		1/04/2008	1/04/2008	\$ 1 Apr 08	Network	Trans.		1/04/2009	1/04/2009	\$ 1 Apr 09
Dunedin	Standard Domestic DN	General Purpose (Summer)	SH010S	5,581,136	5.06	1.08	282,405	60,276	342,682	4.92	1.10	274,592	61,392	335,984		
Dunedin	Standard Domestic DN	General Purpose (Winter)	SH010W	5,620,414	5.53	3.65	310,809	205,145	515,954	5.40	3.62	303,502	203,459	506,961		
Dunedin	Standard Domestic DN	Seasonal Day (Summer)	SH011S	935,680	4.88	1.37	45,661	12,819	58,480	4.72	1.33	44,164	12,445	56,609		
Dunedin	Standard Domestic DN	Seasonal Day (Winter)	SH011W	1,142,532	5.18	4.20	59,183	47,986	107,170	5.01	4.08	57,241	46,615	103,856		
Dunedin	Standard Domestic DN	Seasonal Night (Summer)	SH012S	143,805	0.60	-	863	-	863	0.56	-	805	-	805		
Dunedin	Standard Domestic DN	Seasonal Night (Winter)	SH012W	136,885	0.60	-	821	-	821	0.56	-	767	-	767		
Dunedin	Standard Domestic DN	General Purpose & 16 hour Water Heat (Summer)	SH016S	194,025,809	2.81	1.32	5,452,125	2,561,141	8,013,266	2.69	1.33	5,219,294	2,580,543	7,799,838		
Dunedin	Standard Domestic DN	General Purpose & 16 hour Water Heat (Winter)	SH016W	186,867,965	4.13	2.06	7,717,647	3,849,480	11,567,127	3.96	2.07	7,399,971	3,868,167	11,268,138		
Dunedin	Standard Domestic DN	Night + 3 hour other load	SH024	8,719,442	1.54	0.51	134,279	44,469	178,749	1.46	0.50	127,304	43,597	170,901		
Dunedin	Standard Domestic DN	Night Rate	SH028	14,639,683	0.60	-	87,838	-	87,838	0.56	-	81,982	-	81,982		
				417,813,351	1		14,091,633	6,781,316	20,872,949			13,509,623	6,816,219	20,325,841		
Central	Standard Domestic CYD/CML	General Purpose (Summer)	CC101S	23,817,518	7.51	1.37	1,788,696	326,300	2,114,996	8.62	1.09	2,053,070	259,611	2,312,681		
Central	Standard Domestic CYD/CML	General Purpose (Winter)	CC101W	24,563,901	9.92	3.40	2,436,739	835,173	3,271,912	11.73	2.79	2,881,346	685,333	3,566,678		
Central	Standard Domestic CYD/CML	Night + 5 hour other load	CC103	1,574,599	4.29	1.55	67,550	24,406	91,957	5.30	1.28	83,454	20,155	103,609		
Central	Standard Domestic CYD/CML	Night + 3 hour other load	CC104	4,054,650	3.64	0.85	147,589	34,465	182,054	4.33	0.68	175,566	27,572	203,138		
Central	Standard Domestic CYD/CML	Std Water Heating 16 hour	CC106	22,198,284	3.90	1.10	865,733	244,181	1,109,914	4.70	0.89	1,043,319	197,565	1,240,884		
Central	Standard Domestic CYD/CML	Night rate	CC108	2,057,378	3.47	-	71,391	-	71,391	3.50	-	72,008	-	72,008		
Central	Standard Domestic CYD/CML	Peak Water Heating 20 hour	CC109	524,057	5.62	1.76	29,452	9,223	38,675	6.50	1.49	34,064	7,808	41,872		
				78,790,387	2		5,407,150	1,473,748	6,880,898			6,342,827	1,198,043	7,540,870		
Central	Standard Domestic FKN	General Purpose (Summer)	FKN201S	17,002,543	5.40	2.10	918,137	357,053	1,275,191	5.87	1.44	998,049	244,837	1,242,886		
Central	Standard Domestic FKN	General Purpose (Winter)	FKN201W	19,905,953	6.46	4.78	1,285,925	951,505	2,237,429	7.23	3.72	1,439,200	740,501	2,179,702		
Central	Standard Domestic FKN	Night + 5 hour other load	FKN203	1,680,492	2.21	1.81	37,139	30,417	67,556	2.20	1.48	36,971	24,871	61,842		
Central	Standard Domestic FKN	Night + 3 hour other load	FKN204	2,332,439	1.38	1.27	32,188	29,622	61,810	1.36	1.01	31,721	23,558	55,279		
Central	Standard Domestic FKN	Std Water Heating 16 hour	FKN206	19,469,090	1.53	1.52	297,877	295,930	593,807	1.44	1.23	280,355	239,470	519,825		
Central	Standard Domestic FKN	Night rate	FKN208	1,813,455	1.23	-	22,305	-	22,305	1.20	-	21,761	-	21,761		
Central	Standard Domestic FKN	Peak Water Heating 20 hour	FKN209	532,089	3.44	2.05	18,304	10,908	29,212	3.46	1.69	18,410	8,992	27,403		
				62,736,061	3		2,611,875	1,675,435	4,287,310			2,826,468	1,282,229	4,108,697		
Central	Non Standard Domestic CYD/CML	General Purpose	CC110	29,775,456	-	-	-	-	-	-	-	-	-	-		
Central	Non Standard Domestic CYD/CML	GP Seasonal Day (Summer)	CC111	6,196,309	-	-	-	-	-	-	-	-	-	-		
Central	Non Standard Domestic CYD/CML	GP Seasonal Day (Winter)	CC111	5,278,304	-	-	-	-	-	-	-	-	-	-		
Central	Non Standard Domestic CYD/CML	GP Seasonal Night (Summer)	CC112	3,127,893	-	-	-	-	-	-	-	-	-	-		
Central	Non Standard Domestic CYD/CML	GP Seasonal Night (Winter)	CC112	2,142,854	-	-	-	-	-	-	-	-	-	-		
Central	Non Standard Domestic CYD/CML	General Purpose + Water Heat	CC116	-	-	-	-	-	-	-	-	-	-	-		
Central	Non Standard Domestic CYD/CML	Night + 5 hour other load	CC123	1,262,745	-	-	-	-	-	-	-	-	-	-		
Central	Non Standard Domestic CYD/CML	Night + 3 hour other load	CC124	-	-	-	-	-	-	-	-	-	-	-		
Central	Non Standard Domestic CYD/CML	Std Water Heating 16 hour	CC126	5,554,732	-	-	-	-	-	-	-	-	-	-		
Central	Non Standard Domestic CYD/CML	Night + 3 hour Water Heating	CC127	514,644	-	-	-	-	-	-	-	-	-	-		
Central	Non Standard Domestic CYD/CML	Night rate	CC128	368,761	-	-	-	-	-	-	-	-	-	-		
Central	Non Standard Domestic CYD/CML	Peak Water Heating 20 hour	CC129	2,364,524	-	-	-	-	-	-	-	-	-	-		
				56,586,222	4		-	-	-			-	-	-		
Central	Non Standard Domestic FKN	General Purpose	FKN210	33,391,114	-	-	-	-	-	-	-	-	-	-		
Central	Non Standard Domestic FKN	GP Seasonal Day (Summer)	FKN211	5,565,924	-	-	-	-	-	-	-	-	-	-		
Central	Non Standard Domestic FKN	GP Seasonal Day (Winter)	FKN211	5,193,929	-	-	-	-	-	-	-	-	-	-		
Central	Non Standard Domestic FKN	GP Seasonal Night (Summer)	FKN212	2,073,374	-	-	-	-	-	-	-	-	-	-		
Central	Non Standard Domestic FKN	GP Seasonal Night (Winter)	FKN212	2,551,725	-	-	-	-	-	-	-	-	-	-		
Central	Non Standard Domestic FKN	General Purpose + Water Heat	FKN216	-	-	-	-	-	-	-	-	-	-	-		
Central	Non Standard Domestic FKN	Night + 5 hour other load	FKN223	1,840,051	-	-	-	-	-	-	-	-	-	-		
Central	Non Standard Domestic FKN	Night + 3 hour other load	FKN224	-	-	-	-	-	-	-	-	-	-	-		
Central	Non Standard Domestic FKN	Std Water Heating 16 hour	FKN226	2,605,890	-	-	-	-	-	-	-	-	-	-		
Central	Non Standard Domestic FKN	Night + 3 hour Water Heating	FKN227	787,901	-	-	-	-	-	-	-	-	-	-		
Central	Non Standard Domestic FKN	Night rate	FKN228	354,467	-	-	-	-	-	-	-	-	-	-		
Central	Non Standard Domestic FKN	Peak Water Heating 20 hour	FKN229	2,948,631	-	-	-	-	-	-	-	-	-	-		
				57,313,006	5		-	-	-			-	-	-		

Area	GXP	Description	Tariff	Base Quantity as at 31 March 2003	Price c/kWh 1 Apr 08		Network \$		Transmission \$		Price c/kWh 1 Apr 09		Network \$		Transmission \$	
					Network	Trans.	1/04/2008	1/04/2008	\$ 1 Apr 08	Network	Trans.	1/04/2009	1/04/2009	\$ 1 Apr 09		
Transition 1																
Non Standard Domestic Central ICPs Profile kWh by load group post 1 May 03																
			Load Group													
Central	Transition 1 Profile > 16 KVA CYD/CML		L2	36,781,931	-	-	-	-	-	-	-	-	-	-	-	-
Central	Transition 1 Profile > 16 KVA CYD/CML		L3	6,482,227	-	-	-	-	-	-	-	-	-	-	-	-
Central	Transition 1 Profile > 16 KVA CYD/CML		L3A	687,414	-	-	-	-	-	-	-	-	-	-	-	-
Central	Transition 1 Profile > 16 KVA CYD/CML		L4	246,180	-	-	-	-	-	-	-	-	-	-	-	-
Central	Transition 1 Profile > 16 KVA CYD/CML		L5	-	-	-	-	-	-	-	-	-	-	-	-	-
				44,197,752	6											
Central	Transition 1 Profile > 16 KVA FKN		L2	37,621,670	-	-	-	-	-	-	-	-	-	-	-	-
Central	Transition 1 Profile > 16 KVA FKN		L3	5,471,158	-	-	-	-	-	-	-	-	-	-	-	-
Central	Transition 1 Profile > 16 KVA FKN		L3A	3,032,806	-	-	-	-	-	-	-	-	-	-	-	-
Central	Transition 1 Profile > 16 KVA FKN		L4	-	-	-	-	-	-	-	-	-	-	-	-	-
Central	Transition 1 Profile > 16 KVA FKN		L5	-	-	-	-	-	-	-	-	-	-	-	-	-
				46,125,634	7											
Remaining Non Std Domestic GLV kWh post 1 May 03																
Central	ProfileCapacity < 16 KVA CYD/CML General Purpose		CC110	9,300,261	-	-	-	-	-	-	-	-	-	-	-	-
Central	ProfileCapacity < 16 KVA CYD/CML GP Seasonal Day (Summer)		CC111	201,239	-	-	-	-	-	-	-	-	-	-	-	-
Central	ProfileCapacity < 16 KVA CYD/CML GP Seasonal Day (Winter)		CC111	98,442	-	-	-	-	-	-	-	-	-	-	-	-
Central	ProfileCapacity < 16 KVA CYD/CML GP Seasonal Night (Summer)		CC112	149,534	-	-	-	-	-	-	-	-	-	-	-	-
Central	ProfileCapacity < 16 KVA CYD/CML GP Seasonal Night (Winter)		CC112	48,559	-	-	-	-	-	-	-	-	-	-	-	-
Central	ProfileCapacity < 16 KVA CYD/CML General Purpose + Water Heat		CC116	-	-	-	-	-	-	-	-	-	-	-	-	-
Central	ProfileCapacity < 16 KVA CYD/CML Night + 5 hour other load		CC123	232,404	-	-	-	-	-	-	-	-	-	-	-	-
Central	ProfileCapacity < 16 KVA CYD/CML Night + 3 hour other load		CC124	-	-	-	-	-	-	-	-	-	-	-	-	-
Central	ProfileCapacity < 16 KVA CYD/CML Std Water Heating 16 hour		CC126	1,803,090	-	-	-	-	-	-	-	-	-	-	-	-
Central	ProfileCapacity < 16 KVA CYD/CML Night + 3 hour Water Heating		CC127	207,287	-	-	-	-	-	-	-	-	-	-	-	-
Central	ProfileCapacity < 16 KVA CYD/CML Night rate		CC128	82,951	-	-	-	-	-	-	-	-	-	-	-	-
Central	ProfileCapacity < 16 KVA CYD/CML Peak Water Heating 20 hour		CC129	229,053	-	-	-	-	-	-	-	-	-	-	-	-
				12,352,820	8											
				56,550,572												
Central	ProfileCapacity < 16 KVA FKN General Purpose		FKN110	8,630,590	-	-	-	-	-	-	-	-	-	-	-	-
Central	ProfileCapacity < 16 KVA FKN GP Seasonal Day (Summer)		FKN111	200,282	-	-	-	-	-	-	-	-	-	-	-	-
Central	ProfileCapacity < 16 KVA FKN GP Seasonal Day (Winter)		FKN111	200,282	-	-	-	-	-	-	-	-	-	-	-	-
Central	ProfileCapacity < 16 KVA FKN GP Seasonal Night (Summer)		FKN112	99,122	-	-	-	-	-	-	-	-	-	-	-	-
Central	ProfileCapacity < 16 KVA FKN GP Seasonal Night (Winter)		FKN112	99,122	-	-	-	-	-	-	-	-	-	-	-	-
Central	ProfileCapacity < 16 KVA FKN General Purpose + Water Heat		FKN116	-	-	-	-	-	-	-	-	-	-	-	-	-
Central	ProfileCapacity < 16 KVA FKN Night + 5 hour other load		FKN123	449,322	-	-	-	-	-	-	-	-	-	-	-	-
Central	ProfileCapacity < 16 KVA FKN Night + 3 hour other load		FKN124	-	-	-	-	-	-	-	-	-	-	-	-	-
Central	ProfileCapacity < 16 KVA FKN Std Water Heating 16 hour		FKN126	1,139,095	-	-	-	-	-	-	-	-	-	-	-	-
Central	ProfileCapacity < 16 KVA FKN Night + 3 hour Water Heating		FKN127	275,424	-	-	-	-	-	-	-	-	-	-	-	-
Central	ProfileCapacity < 16 KVA FKN Night rate		FKN128	155,286	-	-	-	-	-	-	-	-	-	-	-	-
Central	ProfileCapacity < 16 KVA FKN Peak Water Heating 20 hour		FKN129	254,858	-	-	-	-	-	-	-	-	-	-	-	-
				11,503,383	9											
				57,629,017												
GLV Totals from Consumption Sheet HHR data pre 1 May 03																
Central	Summer Day CYD/CML kWh			1,201,351	-	-	-	-	-	-	-	-	-	-	-	-
Central	Winter Day CYD/CML kWh			711,247	-	-	-	-	-	-	-	-	-	-	-	-
Central	Summer Night CYD/CML kWh			442,186	-	-	-	-	-	-	-	-	-	-	-	-
Central	Winter Night CYD/CML kWh			228,504	-	-	-	-	-	-	-	-	-	-	-	-
				2,583,288	10											
Central	Summer Day FKN kWh			2,004,151	-	-	-	-	-	-	-	-	-	-	-	-
Central	Winter Day FKN kWh			1,535,742	-	-	-	-	-	-	-	-	-	-	-	-
Central	Summer Night FKN kWh			640,739	-	-	-	-	-	-	-	-	-	-	-	-
Central	Winter Night FKN kWh			636,032	-	-	-	-	-	-	-	-	-	-	-	-
				4,816,663	11											

Area	GXP	Description	Tariff	Base Quantity as at 31 March 2003	Price c/kWh 1 Apr 08		Network \$	Transmission \$	Price c/kWh 1 Apr 09		Network \$	Transmission \$		
					Network	Trans.	1/04/2008	1/04/2008	\$ 1 Apr 08	Network	Trans.	1/04/2009	1/04/2009	\$ 1 Apr 09
Demand Metered Totals HHR data pre 1 May 03														
Central	Demand Metered CYD/CML	Fixed Charge	LV	2										
Central	Demand Metered CYD/CML	Fixed Charge	BLV	14										
Central	Demand Metered CYD/CML	Fixed Charge	HV	2										
Central	Demand Metered CYD/CML	Day kWh	LV	496,694										
Central	Demand Metered CYD/CML	Day kWh	BLV	8,399,677										
Central	Demand Metered CYD/CML	Day kWh	HV	1,134,058										
Central	Demand Metered CYD/CML	Night kWh	LV	253,409										
Central	Demand Metered CYD/CML	Night kWh	BLV	3,463,379										
Central	Demand Metered CYD/CML	Night kWh	HV	368,776										
Central	Demand Metered CYD/CML	Network Demand kW	LV	140										
Central	Demand Metered CYD/CML	Network Demand kW	BLV	2,814										
Central	Demand Metered CYD/CML	Network Demand kW	HV	503										
Central	Demand Metered CYD/CML	Transmission Demand kW	LV	186										
Central	Demand Metered CYD/CML	Transmission Demand kW	BLV	2,740										
Central	Demand Metered CYD/CML	Transmission Demand kW	HV	1,022										
					12									
Central	Demand Metered FKN	Fixed Charge	LV	1										
Central	Demand Metered FKN	Fixed Charge	BLV	29										
Central	Demand Metered FKN	Fixed Charge	HV	2										
Central	Demand Metered FKN	Day kWh	LV	199,420										
Central	Demand Metered FKN	Day kWh	BLV	25,125,791										
Central	Demand Metered FKN	Day kWh	HV	2,546,546										
Central	Demand Metered FKN	Night kWh	LV	91,467										
Central	Demand Metered FKN	Night kWh	BLV	9,609,897										
Central	Demand Metered FKN	Night kWh	HV	1,034,253										
Central	Demand Metered FKN	Network Demand kW	LV	59										
Central	Demand Metered FKN	Network Demand kW	BLV	7,590										
Central	Demand Metered FKN	Network Demand kW	HV	1,136										
Central	Demand Metered FKN	Transmission Demand kW	LV	71										
Central	Demand Metered FKN	Transmission Demand kW	BLV	8,676										
Central	Demand Metered FKN	Transmission Demand kW	HV	2,523										
					13									
Transition 1 ICPs post 1 May 03														
> 150 KVA Modeling Sheet ICPs & 3 L2 ICPs from Consumption Sheet Post 1 May 03														
			Load Group											
Central	CYD/CML	Count May 03	L2	1	24.00	-	24	-	24	24.00	24	-	24	
Central	CYD/CML	Count May 03	L3	38	480.00		18,240	-	18,240	480.00	18,240	-	18,240	
Central	CYD/CML	Count May 03	L3A	14	480.00		6,720	-	6,720	480.00	6,720	-	6,720	
Central	CYD/CML	Count May 03	L4	8	1,260.00		10,080	-	10,080	1,260.00	10,080	-	10,080	
Central	CYD/CML	Count May 03	L5	-	1,260.00		-	-	-	1,260.00	-	-	-	
Central	CYD/CML	Capacity kVA May 03	L2	69	24.26	1.33	1,674	92	1,766	27.40	0.10	1,891	7	1,898
Central	CYD/CML	Capacity kVA May 03	L3	6,880	39.03	3.32	268,526	22,842	291,368	41.58	0.14	286,070	963	287,034
Central	CYD/CML	Capacity kVA May 03	L3A	4,156	36.52	3.32	151,777	13,798	165,575	38.70	0.14	160,837	582	161,419
Central	CYD/CML	Capacity kVA May 03	L4	5,750	30.50	4.15	175,375	23,863	199,238	31.10	0.75	178,825	4,313	183,138
Central	CYD/CML	Capacity kVA May 03	L5	-	20.58	4.15	-	-	-	20.78	0.75	-	-	-
Central	CYD/CML	KVA-KM May 03	L2	11	-	-	-	-	-	-	-	-	-	-
Central	CYD/CML	KVA-KM May 03	L3	231,252	0.30	-	69,376	-	69,376	0.33	-	76,313	-	76,313
Central	CYD/CML	KVA-KM May 03	L3A	122,164	0.30	-	36,649	-	36,649	0.33	-	40,314	-	40,314
Central	CYD/CML	KVA-KM May 03	L4	188,645	0.30	-	56,594	-	56,594	0.33	-	62,253	-	62,253
Central	CYD/CML	KVA-KM May 03	L5	-	0.30	-	-	-	-	0.33	-	-	-	-
Central	CYD/CML	CPD KW May 03	L2	39	122.28	68.20	4,769	2,660	7,429	144.00	65.00	5,616	2,535	8,151
Central	CYD/CML	CPD KW May 03	L3	1,100	115.12	66.93	126,632	73,623	200,255	145.00	66.93	159,500	73,623	233,123
Central	CYD/CML	CPD KW May 03	L3A	1,232	115.12	66.93	141,828	82,458	224,286	145.00	66.93	178,640	82,458	261,098
Central	CYD/CML	CPD KW May 03	L4	1,058	99.60	66.93	105,377	70,812	176,189	123.80	66.93	130,980	70,812	201,792
Central	CYD/CML	CPD KW May 03	L5	-	82.50	66.93	-	-	-	104.24	66.93	-	-	-
					14		1,173,640	290,146	1,463,787			1,316,304	235,292	1,551,596

Area	GXP	Description	Tariff	Base Quantity as at 31 March 2003	Price c/kWh 1 Apr 08			Network \$			Transmission \$			Price c/kWh 1 Apr 09			Network \$			Transmission \$		
					Network		Trans.	1/04/2008		1/04/2008		\$ 1 Apr 08		Network		Trans.	1/04/2009		1/04/2009		\$ 1 Apr 09	
Central	FKN	Count May 03	L2	2	16.26			33	-	33			16.75			34	-	34				
Central	FKN	Count May 03	L3	27	380.00			10,260	-	10,260			380.00			10,260	-	10,260				
Central	FKN	Count May 03	L3A	24	380.00			9,120	-	9,120			380.00			9,120	-	9,120				
Central	FKN	Count May 03	L4	15	1,000.00			15,000	-	15,000			1,000.00			15,000	-	15,000				
Central	FKN	Count May 03	L5	1	1,000.00			1,000	-	1,000			1,000.00			1,000	-	1,000				
Central	FKN	Capacity kVA May 03	L2	278	16.53	7.59		4,595	2,110	6,705			18.10	4.04		5,032	1,123	6,155				
Central	FKN	Capacity kVA May 03	L3	5,106	30.65	16.88		156,499	86,189	242,688			35.43	9.69		180,906	49,477	230,383				
Central	FKN	Capacity kVA May 03	L3A	7,858	28.65	16.88		225,132	132,643	357,775			33.37	9.69		262,221	76,144	338,365				
Central	FKN	Capacity kVA May 03	L4	11,750	18.48	20.75		217,140	243,813	460,953			21.24	11.41		249,570	134,068	383,638				
Central	FKN	Capacity kVA May 03	L5	3,000	8.80	16.90		26,400	50,700	77,100			8.36	11.27		25,080	33,810	58,890				
Central	FKN	KVA-KM May 03	L2	25	-			-	-	-			-			-	-	-				
Central	FKN	KVA-KM May 03	L3	68,097	0.30			20,429	-	20,429			0.30			20,429	-	20,429				
Central	FKN	KVA-KM May 03	L3A	73,581	0.30			22,074	-	22,074			0.30			22,074	-	22,074				
Central	FKN	KVA-KM May 03	L4	166,028	0.30			49,808	-	49,808			0.30			49,808	-	49,808				
Central	FKN	KVA-KM May 03	L5	37,440	0.30			11,232	-	11,232			0.30			11,232	-	11,232				
Central	FKN	CPD KW May 03	L2	100	94.20	68.20		9,420	6,820	16,240			97.02	68.20		9,702	6,820	16,522				
Central	FKN	CPD KW May 03	L3	1,429	63.50	66.93		90,742	95,643	186,384			59.65	66.93		85,240	95,643	180,883				
Central	FKN	CPD KW May 03	L3A	2,515	63.50	66.93		159,703	168,329	328,031			59.65	66.93		150,020	168,329	318,349				
Central	FKN	CPD KW May 03	L4	4,298	59.10	66.93		254,012	287,665	541,677			61.71	66.93		265,230	287,665	552,895				
Central	FKN	CPD KW May 03	L5	915	45.32	66.93		41,459	61,228	102,687			47.92	66.93		43,838	61,228	105,066				
					15			1,324,057	1,135,140	2,459,197						1,415,795	914,307	2,330,102				
16 - 150 KVA GLV from CSV Files & Profile Data - Transition 1 ICPs Pre 1 April 2007																						
Central	CYD/CML	Count May 03	L2	717	24.00	-		17,208	-	17,208			24.00			17,208	-	17,208				
Central	CYD/CML	Capacity kVA May 03	L2	44,416	24.26	1.33		1,077,532	59,073	1,136,605			27.40	0.10		1,216,998	4,442	1,221,440				
Central	CYD/CML	KVA-KM May 03	L2	19,908	-			-	-	-			-			-	-	-				
Central	CYD/CML	CPD KW May 03	L2	5,485	122.28	68.20		670,706	374,077	1,044,783			144.00	65.00		789,840	356,525	1,146,365				
Central	CYD/CML	KWH	L2	-	-			-	-	-			-			-	-	-				
					16			1,765,446	433,150	2,198,596						2,024,046	360,967	2,385,013				
Central	FKN	Count May 03	L2	660	16.26	-		10,732	-	10,732			16.75	-		11,055	-	11,055				
Central	FKN	Capacity kVA May 03	L2	35,382	16.53	7.59		584,864	268,549	853,414			18.10	4.04		640,414	142,943	783,357				
Central	FKN	KVA-KM May 03	L2	6,969	-			-	-	-			-			-	-	-				
Central	FKN	CPD KW May 03	L2	6,564	94.20	68.20		618,301	447,644	1,065,945			97.02	68.20		636,810	447,644	1,084,455				
Central	FKN	KWH	L2	-	-			-	-	-			-			-	-	-				
					17			1,213,897	716,194	1,930,090						1,288,279	590,588	1,878,867				
Transition 1 kWh Consumption Sheet HHR data by load group																						
Central	CYD/CML	kWh	L2	1,322,020	-			-	-	-			-			-	-	-				
Central	CYD/CML	kWh	L3	1,092,417	-			-	-	-			-			-	-	-				
Central	CYD/CML	kWh	L3A	7,907,377	-			-	-	-			-			-	-	-				
Central	CYD/CML	kWh	L4	6,375,650	-			-	-	-			-			-	-	-				
Central	CYD/CML	kWh	L5	-	-			-	-	-			-			-	-	-				
					18			-	-	-			-			-	-	-				
Central	FKN	kWh	L2	1,797,746	-			-	-	-			-			-	-	-				
Central	FKN	kWh	L3	2,272,681	-			-	-	-			-			-	-	-				
Central	FKN	kWh	L3A	12,963,607	-			-	-	-			-			-	-	-				
Central	FKN	kWh	L4	24,020,798	-			-	-	-			-			-	-	-				
Central	FKN	kWh	L5	2,272,607	-			-	-	-			-			-	-	-				
					19			-	-	-			-			-	-	-				
					43,327,439			-	-	-			-			-	-	-				

Area	GXP	Description	Tariff	Base Quantity as at 31 March 2003	Price c/kWh 1 Apr 08			Network \$			Transmission \$			Price c/kWh 1 Apr 09			Network \$			Transmission \$		
					Network	Trans.		1/04/2008	1/04/2008	\$ 1 Apr 08	Network	Trans.		1/04/2009	1/04/2009	\$ 1 Apr 09						
Count of General 400 V connections post 1 May 2003																						
Central	CYD/CML	Number	L1	1,938	20			-	-	-												
Central	FKN	Number	L1	973	21			-	-	-												
Street Lighting																						
Central	CODC	No	CYD/CML	1,577		12.00	-	18,924	-	18,924				12.00	-	18,924	-	18,924				
	CODC	kWh	CYD/CML	947,248		3.20	1.25	30,312	11,841	42,153				3.44	1.23	32,585	11,651	44,236				
	Transit	No	FKN	74		12.00		884	-	884				12.00		884	-	884				
	Transit	kWh	FKN	67,596		2.33	2.02	1,575	1,365	2,940				2.12	1.93	1,433	1,305	2,738				
	Transit	No	CYD/CML	78		12.00		938	-	938				12.00		938	-	938				
	Transit	kWh	CYD/CML	71,778		3.20	1.25	2,297	897	3,194				3.44	1.23	2,469	883	3,352				
				1,086,622	22			54,930	14,103	69,033						57,234	13,839	71,072				
	QLDC	No	FKN	1,312		12.00	-	15,748	-	15,748				12.00	-	15,748	-	15,748				
	QLDC	kWh	FKN	646,544		2.33	2.02	15,064	13,060	28,125				2.12	1.93	13,707	12,478	26,185				
	QLDC	No	CYD/CML	764		12.00		9,170	-	9,170				12.00		9,170	-	9,170				
	QLDC	kWh	CYD/CML	376,468		3.20	1.25	12,047	4,706	16,753				3.44	1.23	12,951	4,631	17,581				
				1,023,012	23			52,029	17,766	69,795						51,575	17,109	68,684				
15 KVA GLV from CSV Files & Profile Data - Transition 2 ICPs																						
Central	CYD/CML	Count May 03	L1A	8		12.00	-	96	-	96				12.00	-	96	-	96				
Central	CYD/CML	Capacity kVA May 03	L1A	64		21.90	2.22	1,402	142	1,544				24.09	1.00	1,542	64	1,606				
Central	CYD/CML	KVA-KM May 03	L1A	-		-	-	-	-	-				-	-	-	-	-				
Central	CYD/CML	CPD KW May 03	L1A	11.3		135.40	68.20	1,530	771	2,301				155.26	68.20	1,754	771	2,525				
Central	CYD/CML	Count May 03	L1	1,929		12.00	-	23,148	-	23,148				12.00	-	23,148	-	23,148				
Central	CYD/CML	Capacity kVA May 03	L1	13,299		20.10	1.26	267,310	16,757	284,067				22.02	0.18	292,844	2,394	295,238				
Central	CYD/CML	KVA-KM May 03	L1	-		-	-	-	-	-				-	-	-	-	-				
Central	CYD/CML	CPD KW May 03	L1	3,106.9		135.40	68.20	420,674	211,891	632,565				155.26	68.20	482,377	211,891	694,268				
Central	CYD/CML	Count May 03	L2	1		24.00	-	24	-	24				24.00	-	24	-	24				
Central	CYD/CML	Capacity kVA May 03	L2	41.0		24.26	1.33	995	55	1,049				27.40	0.10	1,123	4	1,128				
Central	CYD/CML	KVA-KM May 03	L2	-		-	-	-	-	-				-	-	-	-	-				
Central	CYD/CML	CPD KW May 03	L2	1.6		122.28	68.20	196	109	305				144.00	65.00	230	104	334				
Central	CYD/CML	KWH	L1	12,352,820		-	-	-	-	-				-	-	-	-	-				
					24			715,374	229,724	945,098						803,139	215,227	1,018,366				
Central	FKN	Count May 03	L1A	5		10.00	-	50	-	50				10.30	-	52	-	52				
Central	FKN	Capacity kVA May 03	L1A	40		14.21	10.08	568	403	972				17.14	5.79	686	232	917				
Central	FKN	KVA-KM May 03	L1A	-		-	-	-	-	-				-	-	-	-	-				
Central	FKN	CPD KW May 03	L1A	5.0		88.00	68.20	440	341	781				81.23	68.20	406	341	747				
Central	FKN	Count May 03	L1	968		10.00	-	9,680	-	9,680				10.30	-	9,970	-	9,970				
Central	FKN	Capacity kVA May 03	L1	14,520		12.78	9.16	185,566	133,003	318,569				15.66	5.40	227,383	78,408	305,791				
Central	FKN	KVA-KM May 03	L1	-		-	-	-	-	-				-	-	-	-	-				
Central	FKN	CPD KW May 03	L1	2,248.9		88.00	68.20	197,903	153,375	351,278				81.23	68.20	182,678	153,375	336,053				
Central	FKN	KWH	L1	11,503,383		-	-	-	-	-				-	-	-	-	-				
					25			394,207	287,122	681,330						421,175	232,356	653,531				

41,482,863

APPENDIX E

SAIDI and SAIFI Thresholds for March 2010

Year	SAIDI (Interruption Duration)			SAIFI (Interruption Frequency)		
	Class B	Class C	Total	Class B	Class C	Total
1999	7.90	85.00	92.90	0.06	1.95	2.01
2000	18.90	175.70	194.60	0.12	1.62	1.74
2001	16.70	62.40	79.10	0.11	1.19	1.30
2002	13.80	61.50	75.30	0.17	1.39	1.56
2003	20.50	68.60	89.10	0.15	1.36	1.51
	Five Year Average SAIDI		106.20	Five Year Average SAIFI		1.62
2010	11.17	61.30	72.47	0.09	1.25	1.34