

# *Information Disclosure by Aurora Energy Limited* for the First Assessment Date 6 September 2003

Pursuant to the  
*COMMERCE ACT (ELECTRICITY LINES THRESHOLDS) NOTICE 2003*

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Date: 14 October 2003

**Information Disclosure Disclaimer**

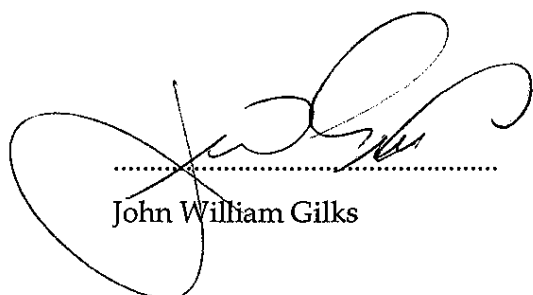
*Information disclosed in this document has been prepared solely for the purposes of the Commerce Act (Electricity Lines Thresholds) Notice 2003.*

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

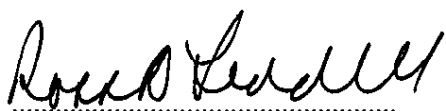
*The information disclosed is for the lines business as described in the Notice. There are other activities of the Company that are not required to be reported under the Notice.*

**A CERTIFICATION OF THRESHOLD COMPLIANCE STATEMENT**

I, John William Gilks 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 Lines Thresholds) Notice 2003 complies with the requirements of that notice.



.....  
John William Gilks



.....

Ross Douglas Liddell

14 October 2003

## B DISCLOSURE OF INFORMATION REQUIRED (Clause 7)

Aurora Energy Limited (Aurora) complies with all requirements at the first assessment date.

Section 5 of the Threshold Notice requires that calculations according to the following two formulae be disclosed. The results are as follows:

- (a) Notional revenue at the first assessment date:

$$\sum P_{i,2003} Q_i - C_{T2003} - C_{R2003} \leq \sum P_i Q_i - C_{T2002} - C_{R2002}$$

The Notional revenue at the first assessment date was \$36.147 million, calculated as follows:

$$\begin{aligned} \sum P_{i,2003} Q_i &= \text{revenue as at 6 September 2003} = \$51.346 \text{ million} \\ C_{T2003} &= \text{budget transmission for year ending 31 March 2004} = \$14.890 \text{ million} \\ C_{R2003} &= \text{budget rates for year ending 31 March 2004} = \$0.309 \text{ million} \end{aligned}$$

The minimum notional revenue during the period commencing 8 August 2001 ending on 6 June 2003 was \$36.147 million, calculated as follows:

$$\begin{aligned} \sum P_i Q_i &= \text{minimum revenue between 8 August 2001 and 6 June 2003 being the revenue as at 1 May 2003 (first reference date)} = \$51.346 \text{ million} \\ C_{T2002} &= \text{budget transmission $ for year ending 31 March 2004} = \$14.890 \text{ million} \\ C_{R2002} &= \text{budget rates $ for year ending 31 March 2004} = \$0.309 \text{ million} \end{aligned}$$

First reference date means the date during the period commencing on 8 August 2001 and ending on 6 June 2003, which results in the lowest value being assigned to notional revenue for that period. The period with the lowest notional revenue is the period commencing 1 May 2003, being the first rate change following the commencement date of 8 August 2001, at which time charges were restructured which resulted in an overall reduction in revenue.

There has been no change in rate between that date and 6 September 2003, therefore, both the notional revenue at the assessment date and the minimum notional revenue during the period 8 August 2001 and 6 June 2003 are the same.

Aurora Energy Limited is therefore in compliance with Section 5(a).

- (b) Notional revenue from the Publication Date to first assessment date:

$$\sum P_{i,2003} Q_i \leq \sum P_i Q_i$$

The minimum notional revenue,  $P_{i,2003} Q_i$  between 7 June 2003 and 6 September 2003 was \$51.346 million.

The notional revenue at the first assessment date, 6 September 2003,  $P_i Q_i$ , was \$51.346 million.

There has been no change in rate between 7 June 2003 and 6 September 2003, therefore, both the notional revenue at the assessment date and the minimum notional revenue during the period 7 June 2003 and 6 September 2003 are the same.

Aurora Energy Limited is therefore in compliance with Section 5(b).

The above two compliance thresholds are all that are required to be published for the first assessment.

Detailed calculations of the notional revenue, being:

- ⇒ the minimum notional revenue during the period 8 August 2001 to 6 June 2003
- ⇒ the notional revenue at 6 September 2003, and
- ⇒ the minimum notional revenue during the period 7 June 2003 and 6 September 2003.

*Appendix A* → this sheet shows notional revenues for the prices at 8 August 2001 and 1 May 2003 and summarises revenues from appendices B and C.

*Appendix B* → supporting calculations for the summary sheet ex Gentrack invoicing.

*Appendix C* → 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.
- (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 owns some commercial properties for which a market-based rental is charged to the tenants.
- (c) "Other" goods and services. Aurora earns income in the form of capital contributions, where a new connection is uneconomic. In all such cases, the capital contribution paid by the consumer 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.

### **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 Rentals and Common Quality Charges are excluded as these are passed through to retailers each month on the basis of their share of monthly transmission line charges.

## AUDITORS' REPORT ON THRESHOLD COMPLIANCE STATEMENT

To the readers of the threshold compliance statement of Aurora Energy Limited.

We have examined the attached statement, being a threshold compliance statement in respect of a price path threshold that was prepared by Aurora Energy Limited for assessment on 6 September 2003 and dated 14 October 2003 for the purposes of information requirements set out in clause 7 of the Commerce Act (Electricity Lines Thresholds) Notice 2003 ("the Notice").

### Directors' Responsibilities

Clause 7 of the Notice requires the Directors of Aurora Energy Limited to prepare a certificate that confirms the compliance, or otherwise, of Aurora Energy Limited with the thresholds set out in clause 4 and 5 of the Notice.

### Auditors' Responsibilities

It is our responsibility to express an independent opinion on the threshold compliance statement certified by the Directors and report our opinion to you.

### Basis of Opinion

Our audit included examination, on a test basis, of evidence relevant to the amounts and disclosures in the attached threshold compliance statement. It also included an assessment of the significant estimates and judgements, if any, made by the lines business in the preparation of the threshold compliance statement and an assessment of whether the basis of preparation had been adequately disclosed.

We planned and performed our audit so as to obtain all the information and explanation which we considered necessary. We obtained sufficient evidence to give reasonable assurance that the statement is free from material misstatements, whether caused by fraud or error or otherwise. In forming our opinion we also evaluated the overall adequacy of the presentation of information in the statement.

We have no relationship with or interests in Aurora Energy Limited other than in our capacity as auditor of the threshold compliance statement.

### Unqualified Opinion

We have obtained all the information and explanations we have required. In our opinion, having made all reasonable enquiries, to the best of our knowledge, the attached threshold compliance statement, and related information, of Aurora Energy Limited, has been prepared in accordance with the Notice, and gives a true and fair view of the performance of Aurora Energy Limited as required by the Notice against the threshold set out in the Notice of Assessment on the 6 September 2003.

Our audit was completed on 14 October 2003 and our opinion is expressed as at that date.



PricewaterhouseCoopers  
DUNEDIN

14 October 2003

Appendix A					
Area	Description	Notional Revenue as at		Source Data	Ref
		8 Aug 01 \$	1 May 03 \$		
HalfwayBush&SouthDunedin	Std Domestic variable	18,057,078	17,886,513	Retailers	1
	Std Domestic fixed	1,970,120	1,951,580	Gentrack	A
	Capacity fixed	12,490,628	12,358,603	Gentrack	B
	Street Lighting	253,395	253,395	Gentrack	C
Frankton	Std Domestic variable	3,628,873	3,593,395	Retailers	3
	Std Domestic fixed	343,369	335,623	Gentrack	G
	Capacity fixed	358,345	351,184	Gentrack	H
	General 400V fixed	309,739	-	Gentrack	I
	Demand Metered HHR	1,714,496	-	Retailers	13
	General 400V variable profile	2,806,587	-	Retailers	5
	General 400V variable HHR	231,103	-	Retailers	11
	Transition 1 capacity L3-L5	-	1,363,583	Retailers	15
	Transition 1 capacity L2	-	1,061,299	Retailers	17
	Transition 1 variable profile	-	926,969	Retailers	7
	Transition 1 variable HHR	-	652,761	Retailers	19
	General 400V fixed L1	-	285,260	Retailers	21
	General 400V variable profile L1	-	558,364	Retailers	9
	QLDC St Ltg	41,336	41,336	Retailers	23
Clyde&Cromwell	Std Domestic variable	4,615,213	4,870,161	Retailers	2
	Std Domestic fixed	532,141	559,339	Gentrack	D
	Capacity fixed	340,946	359,253	Gentrack	E
	General 400V fixed	456,889	-	Gentrack	F
	Demand Metered HHR	628,452	-	Retailers	12
	General 400V variable profile	2,704,854	-	Retailers	4
	General 400V variable HHR	118,399	-	Retailers	10
	Transition 1 capacity L3-L5	-	597,050	Retailers	14
	Transition 1 capacity L2	-	1,002,808	Retailers	16
	Transition 1 variable profile	-	915,651	Retailers	6
	Transition 1 variable HHR	-	320,591	Retailers	18
	General 400V fixed L1	-	461,890	Retailers	20
	General 400V variable profile L1	-	595,897	Retailers	8
	CODC St Lighting	43,482	43,482	Retailers	22
Grand Total		51,645,448	51,345,989		
Decrease in Notional Revenue			(299,459)		

Information Disclosure by Aurora Energy Limited for the First Assessment Date 6 September 2003

**Appendix B**

Area	Load Group		Base Quantity Mar-03	Price \$ 8/8/2001		Price \$ 1/5/03		Notional Rev \$ 8/08/2001	Notional Rev \$ 1/05/2003	
				Network	Transmission	Network	Transmission			
Dunedin	Standard Domestic 15	Number	44,014	44.70		44.28		1,967,433	1,948,947	
Dunedin		Total Capacity kVA	660,225	-				-	-	
Dunedin	Standard Domestic 8	Number	448	6.00		5.88		2,687	2,633	
Dunedin		Total Capacity kVA	3,582	-		-		-	-	
								1,970,120	1,951,580	A
Dunedin	LO	Number	68	92.50	43.00	91.56	42.57	9,158	9,065	
Dunedin		Total Capacity kVA	68	-		-		-	-	
Dunedin	LOA	Number	58	192.00	93.00	190.08	92.07	16,506	16,341	
Dunedin		Total Capacity kVA	116	-		-		-	-	
Dunedin	Load Group 1	Number	3,623	9.00		8.91		32,606	32,280	
Dunedin		Total Capacity kVA	54,344	8.45	1.49	8.37	1.47	540,177	534,743	
Dunedin		Total CPD kW	8,365	73.90	57.64	73.16	57.06	1,100,341	1,089,299	
Dunedin	Load Group 1A	Number	215	9.00		8.91		1,933	1,913	
Dunedin		Total Capacity kVA	1,718	9.78	2.33	9.68	2.31	20,805	20,599	
Dunedin		Total CPD kW	211	73.90	57.64	73.16	57.06	27,741	27,462	
Dunedin	Load Group 2	Number	2,447	15.00		14.85		36,704	36,337	
Dunedin		Total Capacity kVA	125,856	14.60	2.07	14.45	2.05	2,098,018	2,076,623	
Dunedin		Total CPD kW	22,589	55.80	50.82	55.24	50.31	2,408,482	2,384,311	
Dunedin		Other Charge	(658)	1		1		(658)	(658)	
Dunedin	Load Group 3	Number	101	350.00		343.00		35,292	34,586	
Dunedin		Total Capacity kVA	19,811	21.20	4.07	20.98	4.03	500,626	495,475	
Dunedin		Total KVA-KM	1,320	0.16		0.16		211	211	
Dunedin		Total CPD kW	5,758	48.50	49.72	48.02	49.22	565,545	558,902	
Dunedin		Other Charge	(4,039)	1		1		(4,039)	(4,039)	
Dunedin	Load Group 3A	Number	88	350.00		343.00		30,917	30,298	
Dunedin		Total Capacity kVA	28,654	19.65	4.07	19.45	4.03	679,681	672,804	
Dunedin		Total KVA-KM	2,212	0.16		0.16		354	354	
Dunedin		Total CPD kW	9,581	48.50	49.72	48.02	49.22	941,046	931,656	
Dunedin		Other Charge	(1,742)	1		1		(1,742)	(1,742)	
Dunedin	Load Group 4	Number	55	925.00		915.00		50,644	50,096	
Dunedin		Total Capacity kVA	38,752	11.50	4.07	11.39	4.03	603,369	597,556	
Dunedin		Total KVA-KM	2,653	0.16		0.16		424	424	
Dunedin		Total CPD kW	12,181	36.90	49.72	36.53	49.22	1,055,140	1,044,542	
Dunedin		Other Charge	185,371	1		1		185,371	185,371	
Dunedin	Load Group 5	Number	9	925.00	925.00	915.00		17,113	8,464	
Dunedin		Total Capacity kVA	36,375	7.90	4.07	7.82	4.03	435,409	431,044	
Dunedin		Total KVA-KM	4,113	0.16		0.16		658	658	
Dunedin		Total CPD kW	14,129	21.80	49.72	21.58	49.22	1,010,488	1,000,316	
Dunedin		Other Charge	92,310	1		1		92,310	92,310	
								12,490,628	12,358,603	B
Dunedin	Street Lighting	Fixed	253,395	1		1		253,395	253,395	C

Appendix B (continued)										
Area	Load Group		Base Quantity	Price \$ 8/8/2001		Price \$ 1/5/03		Notional Rev \$	Notional Rev \$	
				Mar-03	Network	Transmission	Network	Transmission	8/08/2001	1/05/2003
CYD/CML	Standard Domestic 15	Number	9,853	54.00			56.76		532,062	559,256
CYD/CML		Total Capacity kVA	147,795	-			-		-	-
CYD/CML	Standard Domestic 8	Number	5	15.00			15.74		79	83
CYD/CML		Total Capacity kVA	42	-			-		-	-
									532,141	559,339
Capacity based										
CYD/CML	Load Group 0	Number	96	101.00	44.50		106.45	46.90	14,017	14,773
CYD/CML		Total Capacity kVA	96	-			-		-	-
CYD/CML	Load Group 0A	Number	153	192.00	108.00		202.36	113.83	45,925	48,403
CYD/CML		Total Capacity kVA	306	-			-		-	-
CYD/CML	Load Group 1	Number	76	9.00			9.48		687	724
CYD/CML		Total Capacity kVA	1,145	13.95	2.02		14.70	2.13	18,286	19,270
CYD/CML		Total CPD kW	155	83.90	59.20		88.43	62.40	22,113	23,307
CYD/CML	Load Group 1A	Number	20	9.00			9.48		178	187
CYD/CML		Total Capacity kVA	158	15.28	2.72		16.10	2.86	2,844	2,996
CYD/CML		Total CPD kW	20	83.90	59.20		88.43	62.40	2,893	3,049
CYD/CML	Load Group 2	Number	113	15.00			15.81		1,701	1,793
CYD/CML		Total Capacity kVA	4,909	20.10	2.81		21.18	2.96	112,475	118,513
CYD/CML		Total CPD kW	560	65.80	53.20		69.35	56.07	66,652	70,248
CYD/CML		Other Charge	-	1			1		-	-
CYD/CML	Load Group 3	Number	5	350.00			368.90		1,838	1,937
CYD/CML		Total Capacity kVA	1,022	26.20	5.23		27.61	5.51	32,108	33,835
CYD/CML		Total KVA-KM	355	0.16			0.16		57	57
CYD/CML		Total CPD kW	87	59.00	53.00		62.18	55.86	9,707	10,230
CYD/CML		Other Charge	-	1			1		-	-
CYD/CML	Load Group 3A	Number	-	350.00			368.90		-	-
CYD/CML		Total Capacity kVA	-	24.15	5.23		25.45	5.51	-	-
CYD/CML		Total KVA-KM	-	0.16			0.16		-	-
CYD/CML		Total CPD kW	-	59.00	53.00		62.18	55.86	-	-
CYD/CML		Other Charge	-	1			1		-	-
CYD/CML	Load Group 4	Number	0	925.00			975.00		308	325
CYD/CML		Total KVA-KM	27	0.16			0.16		4	4
CYD/CML		Total Capacity kVA	167	16.50	5.23		17.39	5.51	3,622	3,817
CYD/CML		Total CPD kW	42	59.00	53.00		62.18	55.86	4,667	4,918
CYD/CML		Other Charge	867	1			1		867	867
CYD/CML	Load Group 5	Number	-	925.00			975.00		-	-
CYD/CML		Total Capacity kVA	-	13.90	5.23		14.65	5.51	-	-
CYD/CML		Total KVA-KM	-	0.16			0.16		-	-
CYD/CML		Total CPD kW	-	54.20	53.00		57.12	55.86	-	-
CYD/CML		Other Charge	-	1			1		-	-
									340,946	359,253



Appendix B (continued)										
Area	Load Group		Base Quantity	Price \$ 8/8/2001		Price \$ 1/5/03		Notional Rev \$	Notional Rev \$	
			Mar-03	Network	Transmission	Network	Transmission	8/08/2001	1/05/2003	
General 400V pre 1 May 03										
CYD/CML	GLV	Number	2,688	170.00				456,889	-	
CYD/CML		Total Capacity kVA	92,710	0				-	-	
CYD/CML		Total CPD kW	9,106	0				-	-	
CYD/CML		Other Charge	217	0				-	-	
								456,889	-	F
FKN	Standard Domestic 15	Number	6,348	54.00		52.78		342,770	335,025	
FKN		Total Capacity kVA	95,214	0		0		-	-	
FKN		Adjustment Total	554	1		1		554	554	
FKN	Standard Domestic 8	Number	3	15.00		14.41		46	44	
FKN		Total Capacity kVA	25	0		0		-	-	
FKN		Adjustment Total	-	1		1		-	-	
								343,369	335,623	G
FKN	Load Group 0	Number	44	101.00	51.30	98.98	50.27	6,714	6,579	
FKN		Total Capacity kVA	44	-	-	-	-	-	-	
FKN	Load Group 0A	Number	139	192.00	108.00	188.16	105.84	41,625	40,793	
FKN		Total Capacity kVA	278	-	-	-	-	-	-	
FKN	Load Group 1	Number	73	9.00		8.82		680	647	
FKN		Total Capacity kVA	1,100	13.95	4.05	13.67	3.97	19,800	19,404	
FKN		Total CPD kW	154	83.90	59.20	82.22	58.02	22,065	21,624	
FKN	Load Group 1A	Number	14	9.00		8.82		130	127	
FKN		Total Capacity kVA	105	15.28	4.89	14.97	4.79	2,111	2,068	
FKN		Total CPD kW	16	83.90	59.20	82.22	58.02	2,358	2,310	
FKN	Load Group 2	Number	110	15.00		14.70		1,653	1,619	
FKN		Total Capacity kVA	4,934	20.10	4.92	19.70	4.82	123,455	120,988	
FKN		Total CPD kW	715	65.80	53.20	64.48	52.14	85,041	83,341	
FKN		Other Charge	(71)	1		1		71	71	
FKN	Load Group 3	Number	2	350.00		343.00		700	686	
FKN		Total KVA-KM	65	0.16		0.16		10	10	
FKN		Total Capacity kVA	380	26.20	9.66	25.68	9.47	13,627	13,357	
FKN		Total CPD kW	90	59.00	53.00	57.82	51.94	10,024	9,824	
FKN		Other Charge	-	1		1		-	-	
FKN	Load Group 3A	Number	1	350.00		343.00		379	372	
FKN		Total KVA-KM	82	0.16		0.16		13	13	
FKN		Total Capacity kVA	425	24.15	9.66	23.67	9.47	14,369	14,085	
FKN		Total CPD kW	122	59.00	53.00	57.82	51.94	13,683	13,409	
FKN		Other Charge	-	1		1		-	-	
FKN	Load Group 4	Number	-	925.00		906.50		-	-	
FKN		Total Capacity kVA	-	16.50	9.66	16.17	9.47	-	-	
FKN		Total KVA-KM	-	0.16		0.16		-	-	
FKN		Total CPD kW	-	59.00	53.00	57.82	51.94	-	-	
FKN		Other Charge	-	1		1		-	-	
FKN	Load Group 5	Number	-	925.00		906.50		-	-	
FKN		Total Capacity kVA	-	13.90	9.66	13.62	9.47	-	-	
FKN		Total KVA-KM	-	0.16		0.16		-	-	
FKN		Total CPD kW	-	54.20	53.00	53.12	51.94	-	-	
FKN		Other Charge	-	1		1		-	-	
								358,345	351,184	H
FKN	GLV	Number	1,809	170.00				307,573	-	
FKN		Total Capacity kVA	65,233	-				-	-	
FKN		Total CPD kW	10,212	-				-	-	
FKN		Other Charge	2,167	1				2,167	-	
								309,739	-	I

## Appendix C

Area	GXP	Description	Tariff	Base Quantity	Price 8 Aug 01	Price 1 May 03
				Mar-03	Network Trans. \$ 8 Aug 01	Network Trans. \$ 1 May 03
Dunedin	Standard Domestic DN	General Purpose (Summer) kWh	SH010S	5,581,136	3.41 2.22 314,218	3.72 0.90 257,848
Dunedin	Standard Domestic DN	General Purpose (Winter) kWh	SH010W	5,620,414	3.41 2.22 316,429	3.85 3.10 390,619
Dunedin	Standard Domestic DN	Seasonal Day (Summer) kWh	SH011S	935,680	3.62 0.10 34,807	3.74 1.02 44,538
Dunedin	Standard Domestic DN	Seasonal Day (Winter) kWh	SH011W	1,142,532	3.62 4.89 97,229	4.22 3.56 88,889
Dunedin	Standard Domestic DN	Seasonal Night (Summer) kWh	SH012S	143,805	1.42 0.10 2,185	1.40 0.10 2,157
Dunedin	Standard Domestic DN	Seasonal Night (Winter) kWh	SH012W	136,885	1.42 0.10 2,081	1.40 0.10 2,053
Dunedin	Standard Domestic DN	General Purpose & 16 hour Water Heat (Summer) kWh	SH016S	194,025,809	2.41 1.37 7,334,176	2.22 1.30 6,829,708
Dunedin	Standard Domestic DN	General Purpose & 16 hour Water Heat (Winter) kWh	SH017W	186,867,965	3.22 1.88 9,530,266	3.40 1.87 9,847,942
Dunedin	Standard Domestic DN	Night + 3 hour other load kWh	SH024	8,719,442	1.75 0.58 203,163	1.75 0.58 203,163
Dunedin	Standard Domestic DN	Night Rate kWh	SH028	14,639,683	1.42 0.10 222,523	1.40 0.10 219,595
				417,813,351	16,057,078	17,886,513
			OK			
Central	Standard Domestic CYD/CML	General Purpose (Summer) kWh	CC101S	23,817,518	5.00 2.19 1,712,480	4.94 1.14 1,448,105
Central	Standard Domestic CYD/CML	General Purpose (Winter) kWh	CC101W	24,563,901	5.00 2.19 1,766,144	5.73 3.35 2,230,402
Central	Standard Domestic CYD/CML	Night + 5 hour other load kWh	CC103	1,574,599	2.66 1.33 62,827	2.82 1.40 66,448
Central	Standard Domestic CYD/CML	Night + 3 hour other load kWh	CC104	4,054,650	2.35 0.70 123,667	2.50 0.74 131,371
Central	Standard Domestic CYD/CML	Std Water Heating 16 hour kWh	CC106	22,198,284	2.99 0.98 881,272	3.14 1.01 921,229
Central	Standard Domestic CYD/CML	Night rate kWh	CC108	2,057,378	2.02 0.10 43,616	2.13 0.10 45,880
Central	Standard Domestic CYD/CML	Peak Water Heating 20 hour kWh	CC109	524,057	3.38 1.43 25,207	3.62 1.48 26,727
				78,790,387	4,615,213	4,870,161
			OK			
Central	Standard Domestic FKN	General Purpose (Summer) kWh	FKN201S	17,002,543	5.00 2.19 1,222,483	4.60 1.06 962,344
Central	Standard Domestic FKN	General Purpose (Winter) kWh	FKN201W	19,805,953	5.00 2.19 1,431,238	5.34 3.12 1,684,044
Central	Standard Domestic FKN	Night + 5 hour other load kWh	FKN203	1,680,492	2.66 1.33 67,052	2.57 1.27 64,531
Central	Standard Domestic FKN	Night + 3 hour other load kWh	FKN204	2,332,439	2.35 0.70 71,139	2.27 0.68 68,807
Central	Standard Domestic FKN	Std Water Heating 16 hour kWh	FKN206	19,469,090	2.99 0.98 772,923	2.92 0.94 751,507
Central	Standard Domestic FKN	Night rate kWh	FKN208	1,813,455	2.02 0.10 38,445	1.94 0.10 36,994
Central	Standard Domestic FKN	Peak Water Heating 20 hour kWh	FKN209	532,089	3.38 1.43 25,593	3.36 1.37 25,168
				62,736,061	3,628,873	3,593,395
			OK			
Central	Non Standard Domestic CYD/CML	General Purpose kWh	CC110	29,775,456	3.10 2.19 1,575,122	-
Central	Non Standard Domestic CYD/CML	GP Seasonal Day (Summer) kWh	CC111	6,196,309	3.62 0.10 230,503	-
Central	Non Standard Domestic CYD/CML	GP Seasonal Day (Winter) kWh	CC111	5,278,304	3.62 5.31 471,353	-
Central	Non Standard Domestic CYD/CML	GP Seasonal Night (Summer) kWh	CC112	3,127,893	1.42 0.10 47,544	-
Central	Non Standard Domestic CYD/CML	GP Seasonal Night (Winter) kWh	CC112	2,142,854	1.42 0.10 32,571	-
Central	Non Standard Domestic CYD/CML	General Purpose + Water Heat kWh	CC116	-	3.10 2.19 -	-
Central	Non Standard Domestic CYD/CML	Night + 5 hour other load kWh	CC123	1,262,745	2.06 1.33 42,807	-
Central	Non Standard Domestic CYD/CML	Night + 3 hour other load kWh	CC124	-	1.75 0.70 -	-
Central	Non Standard Domestic CYD/CML	Std Water Heating 16 hour kWh	CC126	5,554,732	2.39 0.98 187,194	-
Central	Non Standard Domestic CYD/CML	Night + 3 hour Water Heating kWh	CC127	514,644	1.75 0.70 12,609	-
Central	Non Standard Domestic CYD/CML	Night rate kWh	CC128	368,761	1.42 0.10 5,605	-
Central	Non Standard Domestic CYD/CML	Peak Water Heating 20 hour kWh	CC129	2,364,524	2.78 1.43 99,546	-
				56,586,222	2,704,854	-
			OK			
Central	Non Standard Domestic FKN	General Purpose kWh	FKN210	33,391,114	3.10 2.19 1,766,390	-
Central	Non Standard Domestic FKN	GP Seasonal Day (Summer) kWh	FKN211	5,565,924	3.62 0.10 207,052	-
Central	Non Standard Domestic FKN	GP Seasonal Day (Winter) kWh	FKN211	5,193,929	3.62 5.31 463,818	-
Central	Non Standard Domestic FKN	GP Seasonal Night (Summer) kWh	FKN212	2,073,374	1.42 0.10 31,515	-
Central	Non Standard Domestic FKN	GP Seasonal Night (Winter) kWh	FKN212	2,551,725	1.42 0.10 38,768	-
Central	Non Standard Domestic FKN	General Purpose + Water Heat kWh	FKN216	-	3.10 2.19 -	-
Central	Non Standard Domestic FKN	Night + 5 hour other load kWh	FKN223	1,840,051	2.06 1.33 62,378	-
Central	Non Standard Domestic FKN	Night + 3 hour other load kWh	FKN224	-	1.75 0.70 -	-
Central	Non Standard Domestic FKN	Std Water Heating 16 hour kWh	FKN226	2,605,890	2.39 0.98 87,618	-
Central	Non Standard Domestic FKN	Night + 3 hour Water Heating kWh	FKN227	787,901	1.75 0.70 19,304	-
Central	Non Standard Domestic FKN	Night rate kWh	FKN228	354,467	1.42 0.10 5,388	-
Central	Non Standard Domestic FKN	Peak Water Heating 20 hour kWh	FKN229	2,948,631	2.78 1.43 124,137	-
				57,313,006	2,806,587	-
			OK			

## Appendix C (continued)

Appendix C (continued)										
Area	GXP	Description	Tariff	Base Quantity	Price 8 Aug 01			Price 1 May 03		
				Mar-03	Network	Trans.	\$ 8 Aug 01	Network	Trans.	\$ 1 May 03
Transition 1										
Non Standard Domestic Central ICPs Profile kWh by load group post 1 May 03										
Central	Transition 1 Profile > 16 KVA CYD/CML	L2		36,781,931	0			1.70	0.40	772,421
Central	Transition 1 Profile > 16 KVA CYD/CML	L3		6,482,227	0			1.13	0.82	126,403
Central	Transition 1 Profile > 16 KVA CYD/CML	L3A		687,414	0			1.10	0.58	11,411
Central	Transition 1 Profile > 16 KVA CYD/CML	L4		246,180	0			1.05	1.15	5,416
Central	Transition 1 Profile > 16 KVA CYD/CML	L5		-	0			1.83	1.12	-
				44,197,752						915,651
			OK							6
Central	Transition 1 Profile > 16 KVA FKN	L2		37,621,670	0			1.70	0.40	790,055
Central	Transition 1 Profile > 16 KVA FKN	L3		5,471,158	0			1.13	0.48	88,086
Central	Transition 1 Profile > 16 KVA FKN	L3A		3,032,806	0			1.10	0.51	48,828
Central	Transition 1 Profile > 16 KVA FKN	L4		-	0			1.05	0.21	-
Central	Transition 1 Profile > 16 KVA FKN	L5		-	0			1.83	1.12	-
				46,125,634						926,969
			OK							7
Remaining Non Std Domestic GLV kWh post 1 May 03										
Central	ProfileCapacity < 16 KVA CYD/CML	General Purpose kWh	CC110	9,300,261	0		-	3.10	2.19	491,984
Central	ProfileCapacity < 16 KVA CYD/CML	GP Seasonal Day (Summer) kWh	CC111	201,239	0		-	3.62	0.10	7,486
Central	ProfileCapacity < 16 KVA CYD/CML	GP Seasonal Day (Winter) kWh	CC111	98,442	0		-	3.62	5.31	8,791
Central	ProfileCapacity < 16 KVA CYD/CML	GP Seasonal Night (Summer) kWh	CC112	149,534	0		-	1.42	0.10	2,273
Central	ProfileCapacity < 16 KVA CYD/CML	GP Seasonal Night (Winter) kWh	CC112	48,559	0		-	1.42	0.10	738
Central	ProfileCapacity < 16 KVA CYD/CML	General Purpose + Water Heat kWh	CC116	-	0		-	3.10	2.19	-
Central	ProfileCapacity < 16 KVA CYD/CML	Night + 5 hour other load kWh	CC123	232,404	0		-	2.06	1.33	7,878
Central	ProfileCapacity < 16 KVA CYD/CML	Night + 3 hour other load kWh	CC124	-	0		-	1.75	0.70	-
Central	ProfileCapacity < 16 KVA CYD/CML	Std Water Heating 16 hour kWh	CC126	1,803,090	0		-	2.39	0.98	60,764
Central	ProfileCapacity < 16 KVA CYD/CML	Night + 3 hour Water Heating kWh	CC127	207,287	0		-	1.75	0.70	5,079
Central	ProfileCapacity < 16 KVA CYD/CML	Night rate kWh	CC128	82,951	0		-	1.42	0.10	1,261
Central	ProfileCapacity < 16 KVA CYD/CML	Peak Water Heating 20 hour kWh	CC129	229,053	0		-	2.78	1.43	9,643
				12,352,820						595,897
			OK							8
				56,550,572						
Central	ProfileCapacity < 16 KVA FKN	General Purpose kWh	FKN110	8,630,590	0		-	3.10	2.19	456,558
Central	ProfileCapacity < 16 KVA FKN	GP Seasonal Day (Summer) kWh	FKN111	200,282	0		-	3.62	0.10	7,450
Central	ProfileCapacity < 16 KVA FKN	GP Seasonal Day (Winter) kWh	FKN111	200,282	0		-	3.62	5.31	17,885
Central	ProfileCapacity < 16 KVA FKN	GP Seasonal Night (Summer) kWh	FKN112	99,122	0		-	1.42	0.10	1,507
Central	ProfileCapacity < 16 KVA FKN	GP Seasonal Night (Winter) kWh	FKN112	99,122	0		-	1.42	0.10	1,507
Central	ProfileCapacity < 16 KVA FKN	General Purpose + Water Heat kWh	FKN116	-	0		-	3.10	2.19	-
Central	ProfileCapacity < 16 KVA FKN	Night + 5 hour other load kWh	FKN123	449,322	0		-	2.06	1.33	15,232
Central	ProfileCapacity < 16 KVA FKN	Night + 3 hour other load kWh	FKN124	-	0		-	1.75	0.70	-
Central	ProfileCapacity < 16 KVA FKN	Std Water Heating 16 hour kWh	FKN126	1,139,095	0		-	2.39	0.98	38,388
Central	ProfileCapacity < 16 KVA FKN	Night + 3 hour Water Heating kWh	FKN127	275,424	0		-	1.75	0.70	6,748
Central	ProfileCapacity < 16 KVA FKN	Night rate kWh	FKN128	155,286	0		-	1.42	0.10	2,360
Central	ProfileCapacity < 16 KVA FKN	Peak Water Heating 20 hour kWh	FKN129	254,858	0		-	2.78	1.43	10,730
				11,503,383						558,364
			OK							9
				57,629,017						
GLV Totals from Consumption Sheet HHR data pre 1 May 03										
Central	Summer Day CYD/CML kWh			1,201,351	3.62	0.10	44,690			
Central	Winter Day CYD/CML kWh			711,247	3.62	5.31	63,514			
Central	Summer Night CYD/CML kWh			442,186	1.42	0.10	6,721			
Central	Winter Night CYD/CML kWh			228,504	1.42	0.10	3,473			
				2,583,288			118,399			
			OK							10
Central	Summer Day FKN kWh			2,004,151	3.62	0.10	74,554			
Central	Winter Day FKN kWh			1,535,742	3.62	5.31	137,142			
Central	Summer Night FKN kWh			640,739	1.42	0.10	9,739			
Central	Winter Night FKN kWh			636,032	1.42	0.10	9,668			
				4,816,663			231,103			
			OK							11

## Appendix C (continued)

Appendix C (continued)										
Area	GXP	Description	Tariff	Base Quantity	Price 8 Aug 01	Price 1 May 03				
				Mar-03	Network	Trans.	\$ 8 Aug 01	Network	Trans.	\$ 1 May 03
Demand Metered Totals HHR data pre 1 May 03										
Central	Demand Metered CYD/CML	Fixed Charge	LV	2	170.00		340			
Central	Demand Metered CYD/CML	Fixed Charge	BLV	14	125.90		1,700			
Central	Demand Metered CYD/CML	Fixed Charge	HV	2	99.30		199			
Central	Demand Metered CYD/CML	Day kWh	LV	496,694	1.420	0.096	7,530			
Central	Demand Metered CYD/CML	Day kWh	BLV	8,399,677	1.023	0.095	93,908			
Central	Demand Metered CYD/CML	Day kWh	HV	1,134,058	0.796	0.094	10,093			
Central	Demand Metered CYD/CML	Night kWh	LV	253,409	1.420	0.096	3,642			
Central	Demand Metered CYD/CML	Night kWh	BLV	3,463,379	1.023	0.095	38,721			
Central	Demand Metered CYD/CML	Night kWh	HV	368,776	0.796	0.094	3,282			
Central	Demand Metered CYD/CML	Network Demand kW	LV	140	62.16		8,692			
Central	Demand Metered CYD/CML	Network Demand kW	BLV	2,814	45.60		128,324			
Central	Demand Metered CYD/CML	Network Demand kW	HV	503	35.76		17,983			
Central	Demand Metered CYD/CML	Transmission Demand kW	LV	186		81.60	15,171			
Central	Demand Metered CYD/CML	Transmission Demand kW	BLV	2,740		79.68	218,367			
Central	Demand Metered CYD/CML	Transmission Demand kW	HV	1,022		78.60	80,311			
							628,452			
Central	Demand Metered FKN	Fixed Charge	LV	1	170		170			
Central	Demand Metered FKN	Fixed Charge	BLV	29	125.9		3,651			
Central	Demand Metered FKN	Fixed Charge	HV	2	99.3		199			
Central	Demand Metered FKN	Day kWh	LV	199,420	1.420	0.096	3,023			
Central	Demand Metered FKN	Day kWh	BLV	25,125,791	1.023	0.095	280,906			
Central	Demand Metered FKN	Day kWh	HV	2,546,546	0.796	0.094	22,664			
Central	Demand Metered FKN	Night kWh	LV	91,467	1.420	0.096	1,387			
Central	Demand Metered FKN	Night kWh	BLV	9,609,897	1.023	0.095	107,439			
Central	Demand Metered FKN	Night kWh	HV	1,034,253	0.796	0.094	9,205			
Central	Demand Metered FKN	Network Demand kW	LV	59	62.16		3,662			
Central	Demand Metered FKN	Network Demand kW	BLV	7,590	45.60		346,113			
Central	Demand Metered FKN	Network Demand kW	HV	1,136	35.76		40,615			
Central	Demand Metered FKN	Transmission Demand kW	LV	71		81.60	5,804			
Central	Demand Metered FKN	Transmission Demand kW	BLV	8,676		79.68	691,342			
Central	Demand Metered FKN	Transmission Demand kW	HV	2,523		78.60	198,317			
							1,714,496			
Transition 1 ICPs post 1 May 03										
> 150 KVA Modeling Sheet ICPs & 3 L2 ICPs from Consumption Sheet Post 1 May 03										
Central	CYD/CML	Count May 03	L2	1				15.00		15
Central	CYD/CML	Count May 03	L3	38				350.00		13,300
Central	CYD/CML	Count May 03	L3A	14				350.00		4,900
Central	CYD/CML	Count May 03	L4	8				925.00		7,400
Central	CYD/CML	Count May 03	L5	-				925.00		-
Central	CYD/CML	Capacity kVA May 03	L2	69			6.70	0.94		527
Central	CYD/CML	Capacity kVA May 03	L3	6,880			8.73	1.74		72,034
Central	CYD/CML	Capacity kVA May 03	L3A	4,156			8.05	1.74		40,687
Central	CYD/CML	Capacity kVA May 03	L4	5,750			5.45	1.74		41,343
Central	CYD/CML	Capacity kVA May 03	L5	-			4.63	1.74		-
Central	CYD/CML	KVA-KM May 03	L2	11			-			-
Central	CYD/CML	KVA-KM May 03	L3	231,252				0.06		13,875
Central	CYD/CML	KVA-KM May 03	L3A	122,164				0.06		7,330
Central	CYD/CML	KVA-KM May 03	L4	188,645				0.06		11,319
Central	CYD/CML	KVA-KM May 03	L5	-				0.06		-
Central	CYD/CML	CPD KW May 03	L2	39				65.80	53.20	4,641
Central	CYD/CML	CPD KW May 03	L3	1,100				59.00	53.00	123,200
Central	CYD/CML	CPD KW May 03	L3A	1,232				59.00	53.00	137,984
Central	CYD/CML	CPD KW May 03	L4	1,058				59.00	53.00	118,496
Central	CYD/CML	CPD KW May 03	L5	-				54.20	53.00	-
										597,050

## Appendix C (continued)

Area	GXP	Description	Tariff	Base Quantity	Price 8 Aug 01	Price 1 May 03
				Mar-03	Network Trans. \$ 8 Aug 01	Network Trans. \$ 1 May 03
Central	FKN	Count May 03	L2	2		15.00 30
Central	FKN	Count May 03	L3	27		350.00 9,450
Central	FKN	Count May 03	L3A	24		350.00 8,400
Central	FKN	Count May 03	L4	15		925.00 13,875
Central	FKN	Count May 03	L5	1		925.00 925
Central	FKN	Capacity kVA May 03	L2	278		6.70 0.94 2,124
Central	FKN	Capacity kVA May 03	L3	5,106		8.73 3.22 61,017
Central	FKN	Capacity kVA May 03	L3A	7,858		8.05 3.22 88,560
Central	FKN	Capacity kVA May 03	L4	11,750		5.45 3.22 101,873
Central	FKN	Capacity kVA May 03	L5	3,000		4.63 3.22 23,550
Central	FKN	KVA-KM May 03	L2	25		- -
Central	FKN	KVA-KM May 03	L3	68,097		0.06 4,086
Central	FKN	KVA-KM May 03	L3A	73,581		0.06 4,415
Central	FKN	KVA-KM May 03	L4	166,028		0.06 9,962
Central	FKN	KVA-KM May 03	L5	37,440		0.06 2,246
Central	FKN	CPD KW May 03	L2	100		65.80 53.20 11,900
Central	FKN	CPD KW May 03	L3	1,429		59.00 53.00 150,048
Central	FKN	CPD KW May 03	L3A	2,515		59.00 53.00 281,680
Central	FKN	CPD KW May 03	L4	4,298		59.00 53.00 481,376
Central	FKN	CPD KW May 03	L5	915		54.20 53.00 98,067
16 - 150 KVA GLV from CSV Files & Profile Data						1,363,583 15
Central	CYD/CML	Count May 03	L2	717		15.00 10,755
Central	CYD/CML	Capacity kVA May 03	L2	44,416		6.70 0.94 339,338
Central	CYD/CML	KVA-KM May 03	L2	19,908		- -
Central	CYD/CML	CPD KW May 03	L2	5,485		65.80 53.20 652,715
Central	CYD/CML	KWH	L2	-		- -
						1,002,808 16
Central	FKN	Count May 03	L2	660		15.00 9,900
Central	FKN	Capacity kVA May 03	L2	35,382		6.70 0.94 270,318
Central	FKN	KVA-KM May 03	L2	6,969		- -
Central	FKN	CPD KW May 03	L2	6,564		65.80 53.20 781,080
Central	FKN	KWH	L2	-		- -
						1,061,299 17
Transition 1 kWh Consumption Sheet HHR data by load group						
Central	CYD/CML	kWh	L2	1,322,020		1.70 0.40 27,762
Central	CYD/CML	kWh	L3	1,092,417		1.13 0.82 21,302
Central	CYD/CML	kWh	L3A	7,907,377		1.10 0.56 131,262
Central	CYD/CML	kWh	L4	6,375,650		1.05 1.15 140,264
Central	CYD/CML	kWh	L5	-		1.83 1.12 -
						320,591 18
Central	FKN	kWh	L2	1,797,746		1.70 0.40 37,753
Central	FKN	kWh	L3	2,272,681		1.13 0.48 36,590
Central	FKN	kWh	L3A	12,963,607		1.10 0.51 208,714
Central	FKN	kWh	L4	24,020,798		1.05 0.21 302,662
Central	FKN	kWh	L5	2,272,607		1.83 1.12 67,042
						652,761 19
Count of General 400 V connections post 1 May 2003						
Central	CYD/CML	Number	L1	2717		170.00 461,890 20
Central	FKN	Number	L1	1678		170.00 285,260 21
Street Lighting						
Central	CODC	No		1,577	0.89	1,404
Central	CODC	kWh		947,248	2.41 1.45	36,564
Central	Transit	No		152	0.89	135
Central	Transit	kWh		139,374	2.41 1.45	5,380
						43,482 22
Central	QLDC	No		2,077	0.89	1,848
Central	QLDC	kWh		1,023,012	2.41 1.45	39,488
						41,336 23

## Appendix D

### Transmission and Rates Charges for Years Ending 31 March 2002, 31 March 2003 and 31 March 2004

	Actual 31 March 02 \$000	Actual 31 March 03 \$000	Budget 31 March 04 \$000
Transmission	12,596	12,737	12,661
Avoided Transmission	1,751	2,187	2,229
	—	—	—
Total Transmission	14,347	14,924	14,890
Rates	97	253	309