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POWERCO LIMITED

INFORMATION FOR DISCLOSURE

PURSUANT TO THE ELECTRICITY (INFORMATION
DISCLOSURE) REGULATIONS 1994

POWERCO LIMITED



Financial Statements as required
by the Electricity
(Information Disclosure)
Regulations

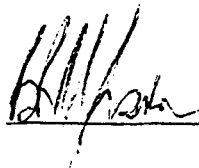
for the year ended
31 March 1998

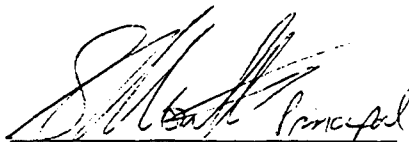
POWERCO LIMITED**ELECTRICITY (INFORMATION DISCLOSURE) REGULATIONS 1994****CERTIFICATION OF FINANCIAL STATEMENTS, PERFORMANCE MEASURES, AND STATISTICS DISCLOSED BY LINE OWNERS OTHER THAN TRANSPower**

We, Barry Raymond Upson, director, and Simon Paul Moutter, principal of Powerco Limited certify that, having made all reasonable enquiry, to the best of our knowledge:

- (a) The attached audited financial statements of Powerco Limited, prepared for the purposes of regulation 6 of the Electricity (Information Disclosure) Regulations 1994, give a true and fair view of the matters to which they relate and comply with the requirements of those regulations; and
- (b) The attached information, being financial performance measures, energy delivery efficiency performance measures, statistics, and reliability performance measures in relation to Powerco Limited, and having been prepared for the purposes of regulations 13, 14, 15, and 16 of the Electricity (Information Disclosure) Regulations 1994, comply with the requirements of the Electricity (Information Disclosure) Regulations 1994.

The valuations on which those financial performance measures are based are as at 31 March 1998.

 Director

 Principal

20 August 1998

**Deloitte Touche
Tohmatsu**



POWERCO LIMITED

ELECTRICITY (INFORMATION DISCLOSURE) REGULATIONS 1994

Certification by Auditor in Relation to Financial Statements

We have examined the attached financial statements prepared by Powerco Limited and dated 20 August 1998 for the purposes of Regulation 6 of the Electricity (Information Disclosure) Regulations 1994.

We hereby certify that, having made all reasonable enquiry, to the best of our knowledge, the financial statements give a true and fair view of matters to which they relate and have been prepared in accordance with the requirements of the Electricity (Information Disclosure) Regulations 1994.

Deloitte Touche Tohmatsu

**Deloitte Touche Tohmatsu
Hamilton
20 August 1998**

**Deloitte Touche
Tohmatsu**



POWERCO LIMITED

ELECTRICITY (INFORMATION DISCLOSURE) REGULATIONS 1994

Certification of Performance Measures by Auditor

We have examined the performance measures set out in Note 12 to the attached financial statements being:

- (a) financial performance measures specified in clause 1 of Part II of the First Schedule to the Electricity (Information Disclosure) Regulations 1994; and
- (b) financial components of the efficiency performance measures specified in clause 2 of Part II of the Schedule, -

and having being prepared by Powerco Limited and dated 20 August 1998 for the purposes of regulation 13 of those regulations.

We certify that, having made all reasonable enquiry, to the best of our knowledge, that information has been prepared in accordance with the Electricity (Information Disclosure) Regulations 1994.

Deloitte Touche Tohmatsu

**Deloitte Touche Tohmatsu
Hamilton
20 August 1998**

Coopers
& Lybrand

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New Zealand

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11 May 1998

The Directors
Powerco Limited
Private Bag 2061
NEW PLYMOUTH

Dear Directors

**Certificate by Auditor in Relation to ODV
Valuation of Powerco Limited Lines Business**

I have examined the valuation report prepared by Coopers & Lybrand and dated 4 May 1998, this report contains valuations as at 31 March 1998.

I hereby certify that, having made all reasonable enquiry, to the best of our knowledge, the valuations contained in the report have been made in accordance with the ODV Handbook.

Yours faithfully
COOPERS & LYBRAND



W M Cook

POWERCO LIMITED
STATEMENT OF FINANCIAL POSITION
AS AT 31 MARCH 1998

	Notes	31 March 1998				31 March 1997		
		Electricity Line \$000	Electricity Energy \$000	Generation \$000	Other \$000	Electricity Line \$000	Electricity Energy \$000	Other \$000
EQUITY								
Share capital	2	80,778	8,619	13,487	19,192	60,034	5,513	31,022
Reserves	3					23,173	2,333	
Asset Revaluation Reserves	4	75,492		8,987	9,262	49,629		18,781
Retained earnings		9,977	1,196	955	464	8,184	1,941	(321)
		166,247	9,815	23,429	28,918	141,020	9,787	49,482
NON CURRENT LIABILITIES								
Term advances facility	5	19,497	(6,097)	1,065	(10,165)			18,241
Commercial Paper	6	86,325			11,544			
Deferred taxation		16,264		2,331	1,558	11,413		4,320
		122,086	(6,097)	3,396	2,937	11,413		22,561
CURRENT LIABILITIES								
Overdraft		293	117	67	57			
Accounts payable		6,140	6,202		1,790	3,074	5,356	1,714
Provision for dividend		6,186	375	1,725	3,181	6,593	722	504
Provision for employee entitlements		1,653	28	148	173	1,519	25	407
		14,272	6,722	1,940	5,201	11,186	6,103	2,625
TOTAL EQUITY AND LIABILITIES		\$302,605	\$10,440	\$28,765	\$37,056	\$163,619	\$15,890	\$74,668
NON CURRENT ASSETS								
Fixed assets	7	219,168		83,448	29,308	144,577	2,650	54,882
Current account		50,778		(54,683)	3,905			
Goodwill on consolidation		21,309						
Investments in associates					399		242	
Other investments					205			15,237
		291,255		28,765	33,817	144,577	2,892	70,119
CURRENT ASSETS								
Cash						8,483	5,335	865
Receivables and prepayments		9,903	10,001		2,884	8,801	7,660	3,269
Tax receivable		434	439		127	22	3	2
Inventories		1,013			228	1,736	-	413
		11,350	10,440		3,239	19,042	12,998	4,549
TOTAL ASSETS		\$302,605	\$10,440	\$28,765	\$37,056	\$163,619	\$15,890	\$74,668

POWERCO LIMITED
STATEMENT OF FINANCIAL PERFORMANCE
FOR THE YEAR ENDED 31 MARCH 1998

	Notes	31 March 1998				31 March 1997		
		Electricity Line \$000	Electricity Energy \$000	Generation \$000	Other \$000	Electricity Line \$000	Electricity Energy \$000	Other \$000
OPERATING REVENUE	8	68,322	68,896	8,242	23,522	54,085	49,321	24,047
OPERATING SURPLUS BEFORE TAXATIO	9	17,688	1,073	4,932	8,407	22,055	2,378	1,686
Taxation expense	10	5,231	317	1,459	2,172	6,908	756	529
OPERATING SURPLUS AFTER TAXATION		12,457	756	3,473	6,235	15,147	1,622	1,157
Share of retained surplus (losses) in associate companies after tax					170		37	
OPERATING SURPLUS ATTRIBUTABLE TO THE SHAREHOLDERS		\$12,457	\$756	\$3,473	\$6,405	\$15,147	\$1,659	\$1,157

POWERCO LIMITED
STATEMENT OF MOVEMENTS IN EQUITY
FOR THE YEAR ENDED 31 MARCH 1998

Notes	31 March 1998				31 March 1997		
	Electricity Line \$000	Electricity Energy \$000	Generation \$000	Other \$000	Electricity Line \$000	Electricity Energy \$000	Other \$000
EQUITY AT 1 APRIL 1997	141,020	9,787	20,445	29,037	88,810	9,509	30,146
Operating surplus attributable to the shareholders	12,457	756	3,473	6,405	15,147	1,659	1,157
Pre-acquisition operating surplus of Egmont Electricity Limited transferred to goodwill	(1,538)	(93)	(429)				
Revaluation of network assets	25,331				61,325		23,208
Deferred taxation in respect of revaluation	-				(11,697)		(4,426)
Total recognised revenue and expenses for the year.	36,250	663	3,044	6,405	64,775	1,659	19,939
Contributions from shareholders							
Partly paid shares received	-				35	3	18
Opening equity adjustment	(1,182)	(38)	2,684	(1,463)	(296)	(36)	320
	(1,182)	(38)	2,684	(1,463)	(261)	(33)	338
Distributions to shareholders							
Share repurchase							
Dividends - paid	11 (3,655)	(222)	(1,019)	(1,880)	(5,711)	(626)	(437)
- proposed	11 (6,186)	(375)	(1,725)	(3,181)	(6,593)	(722)	(504)
	(9,841)	(597)	(2,744)	(5,061)	(12,304)	(1,348)	(941)
EQUITY AT 31 MARCH 1998	\$166,247	\$9,815	\$23,429	\$28,918	\$141,020	\$9,787	\$49,482

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POWERCO LIMITED

Notes to the Financial Statements for the year ended 31 March 1998

1. Statement of Accounting Policies

Reporting Entity

Powerco Limited is a company registered under the Companies Act 1993. The group consists of Powerco Limited, its subsidiaries and its associate.

In accordance with the requirements of the Ministry of Commerce, the Financial Statements for the year ended 31 March 1998 include the trading activities of Egmont Electricity Limited for the full year, including pre acquisition activities from 1 April 1997 to 31 August 1997.

The following activities are the principal activities undertaken by Powerco Limited throughout the financial year:

- Distribution and retailing of electricity and value added services.
- Distribution and retailing of gas and value added services.
- Hydro electricity generation.

These financial statements have been prepared to comply with the provisions of Section 44 of the Energy Companies Act 1992, the Companies Act 1993, the Financial Reporting Act 1993.

Measurement Basis

The accounting principles recognised as appropriate for the measurement and reporting of earnings and financial position on an historical cost basis are followed by the Group, with the exception that certain fixed assets have been revalued.

Specific Accounting Policies

The following specific accounting policies which materially affect the measurement of financial performance and the financial position have been applied:

a) Basis of Consolidation

The consolidated financial statements include those of Powerco Limited and its wholly owned subsidiary, Egmont Electricity Limited. All significant inter-company transactions and balances are eliminated on consolidation. In the parent company financial statements investments in subsidiaries are stated at cost.

b) Associate Companies

These are companies in which the group holds substantial shareholdings and exercises significant influence in commercial and financial policy decisions.

Associate companies have been reflected in the consolidated financial statements on an equity accounting basis which shows the group's share of profits in the consolidated statement of financial performance and its share of post acquisition increases or decreases in net assets, in the consolidated statement of financial position.

c) Fixed Assets

The capital value of fixed assets is the value at either Optimised Depreciated Replacement Cost (ODRC), economic value or cost.

Valuations were completed by Coopers and Lybrand Independent Consultants. These valuations are recorded in the financial statements at the date of valuation being 31 March 1998. Assets are recorded as follows:

- Electricity and gas network assets of the company - ODRC
- The five generating stations owned by the company - Economic value.

The capital values of all other assets are recorded at cost.

d) Depreciation of Fixed Assets

Depreciation rates for major classes of asset are:

Land	Not Depreciated
Buildings	1% SL
Furniture and Fittings	10% to 20% DV
Office Equipment	10% to 33% DV
Motor Vehicles	20% DV
Network Systems and Generation	1.8% to 2% SL and 5% to 14.4% DV

These rates were revised as at 31 March 1998 in conjunction with the revaluation of fixed assets as at that date. The revised rates which will be applicable from 1 April 1998 are in accordance with industry guidance as to best practice.

e) Receivables

Accounts receivable are valued at expected realisable value, after providing for doubtful debts. All known bad debts have been written off during the period under review.

f) Income Tax

The income tax expense charged to the Statement of Financial Performance includes both the current years expense and the income tax effect of timing differences using the liability method on a comprehensive basis.

g) Inventory

Inventory is valued at the lower of historical cost and net realisable value. The weighted average method has been used to determine historical cost. The quantity of gas in pipes has been estimated by Powerco Limited's gas engineers, and valued at average purchase cost per unit.

h) Investments

Investments are valued at the lower of cost and net realisable value.

i) Revenue Recognition

Revenue from the sale of energy and value added services is recognised when invoices are issued plus an accrual is made for unread meters at balance date.

j) Financial Instruments

The company has various financial instruments with off-balance sheet risk for the primary purpose of reducing its exposure to fluctuations in electricity unit prices and interest rates. While these financial instruments are subject to risk that the market rates may change subsequent to acquisition, such changes would generally be offset by opposite effects on the items being hedged.

Financial instruments purchased with the intention of being held for the long term or until maturity are recorded at cost which is adjusted for the amortisation of premiums and accretion of discounts to maturity.

k) Goodwill

Goodwill represents the excess of purchase consideration over the fair value of net assets acquired at the time of acquisition of a business or shares in a subsidiary or an associate company.

Goodwill is amortised on a systematic basis over the period benefits are expected to arise, which will generally be twenty years or less.

Changes in Accounting Policies

There have been no changes to accounting policies. All policies have been applied on a basis consistent with prior years.

Notes to and Forming Part of the Financial Statements
For the Year Ended 31 March 1998

2 SHARE CAPITAL

	1998	1997
	\$000	\$000
Issued capital	122,076	96,569
less uncalled capital		56
Opening issued and paid up capital as at 31 March 1997	\$122,076	96,513
Calls on capital		56
Closing issued and paid up capital as at 31 March 1998	\$122,076	\$96,569

Total number of ordinary shares issued as of 31 March 1998 amounted to 52,123,989.

3 RESERVES

	1998	1997
	\$000	\$000
Balance as at 31 March 1997	25,506	25,506
Transfer to share capital	(25,506)	
Balance as at 31 March 1998		<u>\$25,506</u>

4 ASSET REVALUATION RESERVE

	1998	1997
	\$000	\$000
Balance as at 31 March 1997	68,410	
Network asset revaluation	25,331	84,533
less Deferred taxation on asset revaluation		(16,123)
Balance as at 31 March 1998	\$93,741	\$68,410

Notes to and Forming Part of the Financial Statements
For the Year Ended 31 March 1998

5 WORKING CAPITAL ADVANCES FACILITY

The company has established a Wholesale Working Capital Advances Facility with the BNZ Bank of up to \$15 million dollars. At 31 March 1998 the amount drawn down from this facility amounted to \$4.3 million. Interest is charged to the company according to the daily wholesale lending rate. The facility is based on a revolving credit and as such does not have set repayment dates.

6 COMMERCIAL PAPER FACILITY

The company established a commercial paper facility in December 1997 with ANZ Investment Bank, Bank of New Zealand and WestpacTrust. This is a 90 day rolling facility with a maximum amount of \$200 million. At year end \$97,868,870 had been drawn down.

7 FIXED ASSETS

Fixed Assets as at 31 March 1998	Line 1998 \$000	Energy 1998 \$000	Generation 1998 \$000	Other 1998 \$000
Land				
Capital value	2,329		487	32
Buildings				
Capital value	10,177		2,379	15
less Accumulated depreciation	1,298		162	
	8,879		2,217	15
Furniture and Fittings				
Capital value	2,507		38	783
less Accumulated depreciation	1,822		20	372
	685		18	411
Office Equipment				
Capital value	16,153		598	1,444
less Accumulated depreciation	9,108		159	815
	7,045		439	629
Motor Vehicles				
Capital value	3,226		8	79
less Accumulated depreciation	2,329		5	45
	897		3	34
Network Systems and Generation				
Capital value	359,410		82,202	40,410
less Accumulated depreciation	161,308		2,253	12,418
	198,102		79,949	27,992
Work in Progress	1,231		335	194
Total Fixed Assets	\$219,168	\$	\$83,448	\$29,308

Notes to and Forming Part of the Financial Statements

For the Year Ended 31 March 1998

Fixed Assets as at 31 March 1997

	Line 1997 \$000	Energy 1997 \$000	Other 1997 \$000
Land			
Capital value	1,535	293	320
Buildings			
Capital value	7,473	1,424	1,559
less Accumulated depreciation	841	160	175
	<u>6,632</u>	<u>1,264</u>	<u>1,384</u>
Furniture and Fittings			
Capital value	2,284	435	476
less Accumulated depreciation	1,371	261	286
	<u>913</u>	<u>174</u>	<u>190</u>
Office Equipment			
Capital value	7,227	1,376	1,508
less Accumulated depreciation	3,769	718	786
	<u>3,458</u>	<u>658</u>	<u>722</u>
Motor Vehicles			
Capital value	2,278	434	475
less Accumulated depreciation	1,662	317	347
	<u>616</u>	<u>117</u>	<u>128</u>
Network Systems and Generation			
Capital value	130,664		51,978
less Accumulated depreciation			
	<u>130,664</u>		<u>51,978</u>
Work in Progress			
	759	144	160
Total Fixed Assets	<u>\$144,577</u>	<u>\$2,650</u>	<u>\$54,882</u>

Notes to and Forming Part of the Financial Statements
For the Year Ended 31 March 1998

8 OPERATING REVENUE

**Operating Revenue for the year ended
31 March 1998**

	Line 1998 \$000	Energy 1998 \$000	Generation 1998 \$000	Other 1998 \$000
Comprises:				
Sales	68,123	68,814	8,197	20,220
Profit on Sale of Investments				1,875
Interest revenue	199	82	45	40
Dividend revenue				1,387
	68,322	68,896	8,242	23,522

**Operating Revenue for the year ended
31 March 1997**

	Line 1997 \$000	Energy 1997 \$000	Other 1997 \$000
Comprises:			
Sales	54,085	47,570	23,661
Interest revenue		958	201
Dividend revenue		793	184
	54,085	49,321	24,046

9 OPERATING SURPLUS BEFORE TAXATION

	Line 1998 \$000	Energy 1998 \$000	Generation 1998 \$000	Other 1998 \$000
Operating Surplus Before Taxation for the year ended 31 March 1998	17,688	1,073	4,932	8,407
After Charging				
Energy purchases and transmission	17,583	62,970		8,144
Repairs and maintenance costs	1,684	11	265	315
Personnel costs	11,408	194	1,023	1,200
Depreciation	11,030		1,631	2,457
Interest expense	6,698			896
Bad debts	157	158		46
Loss on sale of fixed assets				(289)
Rental and operating lease costs	1,048	6	31	106
Audit fees	53		7	7
Other fees paid to auditors	190		25	24
Directors remuneration	159		21	20
Other	624	4,484	307	2,189

Notes to and Forming Part of the Financial Statements
For the Year Ended 31 March 1998

	Line 1997 \$000	Energy 1997 \$000	Other 1997 \$000
Operating Surplus Before Taxation for the year ended 31 March 1997	22,055	2,378	1,686
After Charging			
Energy purchases and transmission	19,034	41,930	9,519
Repairs and maintenance costs	1,517		426
Personnel costs	7,693	1,096	1,103
Depreciation	4,190	12	1,057
Interest expense	(1,588)	(1,186)	3,608
Write-down of building value	280	193	99
Bad debts	136	119	59
Loss on sale of fixed assets	11	8	4
Rental and operating lease costs	481	331	171
Audit fees	39	27	14
Other fees paid to auditors	22	16	8
Directors remuneration	110	76	39
Other	105	4,321	6,253

10 TAXATION

Taxation for the year ended 31 March 1998	Line 1998 \$000	Energy 1998 \$000	Generation 1998 \$000	Other 1998 \$000
Operating surplus before taxation	17,688	1,073	4,932	8,407
Prima facie taxation @ 33%	5,837	354	1,628	2,774
Plus/(less) tax effect of permanent timing differences:	878	21	173	(299)
Pre acquisition taxation effect of Egmont Electricity Limited	(953)	(58)	(266)	
Deferred taxation	(532)		(76)	(51)
Prior year over provision				(252)
Taxation expense	\$5,231	\$317	\$1,459	\$2,172

Notes to and Forming Part of the Financial Statements
For the Year Ended 31 March 1998

Taxation for the year ended 31 March 1997	Line 1997 \$000	Energy 1997 \$000	Other 1997 \$000
Operating surplus (deficit) before taxation	22,055	2,378	1,686
Prima facie taxation @ 33%	7,278	785	556
Plus/(less) tax effect of permanent timing differences:	(25)	(2)	(9)
Deferred taxation	(345)	(27)	(18)
Taxation expense (benefit)	\$6,908	\$756	\$529

Imputation Credit Account

	1998 \$000	1997 \$000
Balance as at 31 March 1997	5,148	5,556
Imputation credits attached to dividends received during the year	450	321
Imputation credits attached to dividends paid during the year	(7,188)	(8,086)
Income tax payments made during the year	9,779	7,357
Balance as at 31 March 1998	\$8,189	\$5,148

11 DIVIDENDS

	1998 \$000	1997 \$000
Interim distributions:		
-Dividends paid on ordinary shares	6,775	6,774
Proposed distributions:		
-Proposed dividend on ordinary shares	11,467	7,819
	\$18,242	\$14,593

Notes to and Forming Part of the Financial Statements
For the Year Ended 31 March 1998

**12 DISCLOSURE OF PERFORMANCE MEASURES PURSUANT TO
REGULATION 15 AND PART II OF THE FIRST SCHEDULE OF THE
GAS (INFORMATION DISCLOSURE) REGULATIONS 1997**

Financial Performance Measures	1998	1997
(i) Accounting Return on Total Assets	15.18%	8.21%
(ii) Accounting Return on Equity	10.40%	6.33%
(iii) Accounting Rate of Profit	11.63%	8.17%

Efficiency Performance Measures

(iv) Direct Line Cost per Kilometre	\$1,742.75	\$2,118.03
(v) Indirect Line Cost per Gas Customer	\$32.45	\$94.64

Indirect line costs for the 1998 year have been ascertained using the new draft allocation methodology.

13 CONTINGENT LIABILITIES AND COMMITMENTS

There are no capital commitments as at balance date.

The company has guaranteed the obligations of its associate company as they relate to energy purchases on its behalf. The company has also made arrangements with its bankers to provide guarantees up to \$16.8 million to enable Energy Brokers New Zealand Limited to trade in the wholesale market.

14 SUBSEQUENT EVENTS

Subsequent to balance date the Government has passed legislation which regulates the ability of electricity supply companies to own various assets.

The legislation requires legal separation of the company's existing line distribution and energy trading assets. Further, it will restrict ownership of the various types of assets existing and requires the company to transfer part of its existing assets to another entity.

No adjustments to carrying values of assets recorded in these financial statements have been made as a result of any possible impact of the amended legislative environment.

Notes to and Forming Part of the Financial Statements

For the Year Ended 31 March 1998

15 FINANCIAL INSTRUMENTS**(i) Credit risk**

Financial instruments which potentially subject the Company to credit risk principally consist of bank balances and accounts receivable. The five largest accounts receivable balances as at 31 March 1998 comprise 8.87% of total accounts receivable. Cash deposits are only made with registered banks, no specific concerns regarding credit risk exist.

The company performs credit evaluations on customers where possible. New customers with know high credit risk are required to pay a bond before energy is supplied to them.

(ii) Interest Rate Risk

Interest rate risk is the risk that interest rates will change, increasing or decreasing the cost of borrowing or lending. The company's short-term borrowings are on a floating daily interest rate. Long-term debt is funded via Powerco's Commercial Paper program based on the Bank bill rates every 90 days.

Powerco has entered into interest rate swap agreements to reduce the impact of the changes in interest rates on its Commercial Paper program. At 31 March 1998 the company had interest rate swap agreements outstanding with commercial banks. The total notional principal amount of these arrangements totalled \$58.55 million with the last of these agreements maturing within 7yrs.

The weighted average of these swap agreements give an interest of 7.8%.

(iii) Wholesale electricity purchases

The company has exposure to wholesale electricity price fluctuations in respect of the purchase of electricity, in respect of commercial sales commitments at fixed prices over periods of one to two years through its associate company, and domestic sales at prices which may be changed by the company within commercial limits. The price fluctuation risks are minimised by entering into back to back electricity hedge contracts through its associate company, which are fixed forward supply agreements to ensure the supply of electricity at predetermined prices.

The balance of off Statement of Financial Position financial instruments of the company are as follows:

	1998		1997	
	Contract Amount \$000	Fair Value \$000	Contract Amount \$000	Fair Value \$000
Electricity Purchase Contracts	32,250	32,250	9,000	9,000

16 RELATED PARTY TRANSACTIONS

As an integrated company, Powerco's corporate function provides services to both the line and energy functions. These services include billing, meter reading, call centre services, in addition to other normal corporate activities. These costs have been allocated between the functions to reflect the costs incurred.

17 **DISCLOSURE OF OPTIMAL DEPRIVAL VALUE (ODV) PURSUANT TO REGULATION 14 OF THE ELECTRICITY (INFORMATION DISCLOSURE) REGULATIONS 1994**

ODV as at 31 March 1998

\$197,612,686

18 **DISCLOSURE OF PERFORMANCE MEASURES PURSUANT TO REGULATION 15 AND PART III OF THE FIRST SCHEDULE OF THE ELECTRICITY (INFORMATION DISCLOSURE) REGULATIONS 1994**

18.1	1998 Powerco	1997 Powerco	1996 Powerco	1995 Taranaki Energy	1995 Powerco
(a) Load Factor	67.66%	58.03%	60.29%	58.10%	58.13%
(b) Loss Ratio	6.15%	5.99%	6.48%	6.20%	6.15%
(c) Capacity Utilisation	30.49%	31.19%	28.99%	32.10%	28.22%

18.2 (a) System Length

	1998 Powerco	1997 Powerco	1996 Powerco	1995 Taranaki Energy	1995 Powerco
Nominal Voltage	Total System Length (km)	Total System Length (km)	Total System Length (km)	Total System Length (km)	Total System Length (km)
33kV	568.02	417.09	411.84	273.00	179.00
22kV	113.34	113.26	114.10	0.00	61.00
11kV	4905.68	3870.98	3776.73	1339.00	2426.00
6.6kV	837.27	857.03	986.44	895.00	97.00
230/400V	2231.14	2075.76	2072.18	1348.00	724.00
Total	8655.45	7334.12	7361.29	3855.00	3487.00

(b) Overhead Line Length

	1998 Powerco	1997 Powerco	1996 Powerco	1995 Taranaki Energy	1995 Powerco
Nominal Voltage	O/H Line Length (km)	O/H Line Length (km)	O/H Line Length (km)	O/H Line Length (km)	O/H Line Length (km)
33kV	554.28	407.41	402.29	266.00	177.00
22kV	113.15	113.07	113.91	0.00	61.00
11kV	4736.15	3707.30	3615.57	1222.00	2386.00
6.6kV	825.43	839.67	969.34	878.00	97.00
230/400V	1823.60	1707.08	1709.21	1106.00	605.00
Total	8052.61	6774.53	6810.32	3472.00	3326.00

(c) Underground Line Length

Nominal Voltage	1998	1997	1996	1995	1995
	Powerco U/G Line Length (km)	Powerco U/G Line Length (km)	Powerco U/G Line Length (km)	Taranaki Energy U/G Line Length (km)	Powerco U/G Line Length (km)
33kV	13.74	9.68	9.55	7.00	2.00
22kV	0.19	0.19	0.19	0.00	0.00
11kV	169.53	163.68	161.16	117.00	40.00
6.6kV	11.84	17.36	17.10	17.00	0.00
230/400V	407.54	368.68	362.97	242.00	119.00
Total	602.84	559.59	550.97	383.00	161.00

	1998 Powerco	1997 Powerco	1996 Powerco	1995 Taranaki Energy	1995 Powerco
(d) Transformer Capacity (kVA)	639,581	568,319	629,659	304,062	265,080
(e) Maximum Demand (kW)	196,000	177,311	182,520	97,688	72,162
(f) Total Electricity Supplied From System (kWh)	1,019,475,673	849,103,244	864,631,066	466,951,236	347,049,291
(g) Total Electricity Conveyed Through System On Behalf Of Other Electricity Retailers (kWh)	2,492,834	17,821,943	39,360,065	349,131	Nil
(h) Total Customers	84,373	71,730	72,407	39,467	33,161

19 DISCLOSURE OF PERFORMANCE MEASURES PURSUANT TO REGULATION 16
AND PART IV OF THE FIRST SCHEDULE OF THE ELECTRICITY (INFORMATION
DISCLOSURE) REGULATIONS 1994

19.1 Total Number Of Interruptions

Interruption Class	1998	1997	1996	1995	1995
	Powerco Number of Interruptions	Powerco Number of Interruptions	Powerco Number of Interruptions	Taranaki Energy Number of Interruptions	Powerco Number of Interruptions
Class A - Transpower Planned	3.00	3.00	4.00	0.00	5.00
Class B - Distributor Planned	374.00	406.00	397.00	312.00	100.00
Class C - Distributor Unplanned	627.00	499.00	670.00	533.00	360.00
Class D - Transpower Unplanned	7.00	5.00	17.00	2.00	12.00
Class E - ECNZ Unplanned	0.00	0.00	0.00	0.00	0.00
Class F - Other Generator Unplanned	0.00	2.00	0.00	0.00	0.00
Class G - Other (Not in A to F)	0.00	0.00	0.00	0.00	0.00
Total	1011.00	915.00	1088.00	847.00	477.00

19.2		1998	1997	1996	1995	1995
		Powerco	Powerco	Powerco	Taranaki Energy	Powerco
	Total Number Of Faults Per 100km Of Prescribed Voltage Line	9.73	9.49	12.93	21.34	13.24

19.3 **Total Number Of Faults Per 100km Of Prescribed Voltage Underground Line**

	1998 Powerco	1997 Powerco	1996 Powerco	1995 Taranaki Energy	1995 Powerco
Nominal Voltage	Number of Faults/100km	Number of Faults/100km	Number of Faults/100km	Number of Faults/100km	Number of Faults/100km
33kV	0.00	0.00	0.00	0.00	0.00
22kV	0.00	0.00	0.00	0.00	0.00
11kV	2.95	1.22	6.21	2.56	0.00
6.6kV	0.00	0.00	0.00	5.92	0.00
Total	2.56	1.05	5.32	2.84	0.00

19.4 **Total Number Of Faults Per 100km Of Prescribed Voltage Overhead Line**

	1998 Powerco	1997 Powerco	1996 Powerco	1995 Taranaki Energy	1995 Powerco
Nominal Voltage	Number of Faults/100km	Number of Faults/100km	Number of Faults/100km	Number of Faults/100km	Number of Faults/100km
33kV	5.77	5.65	5.47	12.77	10.82
22kV	7.07	8.84	15.80	0.00	79.30
11kV	11.99	10.84	15.13	28.64	12.11
6.6kV	1.70	7.38	8.98	16.74	4.13
Total	9.95	9.81	13.21	22.44	13.24

19.5 - 19.6 SAIDI

Interruption Class	1998	1997	1996	1995	1995
	Powerco SAIDI	Powerco SAIDI	Powerco SAIDI	Taranaki Energy SAIDI	Powerco SAIDI
Class A - Transpower Planned	13.11	22.81	32.16	0.00	68.79
Class B - Distributor Planned	34.95	74.91	65.36	101.17	65.62
Class C - Distributor Unplanned	106.29	94.50	76.29	104.52	209.28
Class D - Transpower Unplanned	23.50	4.98	15.28	5.45	23.07
Class E - ECNZ Unplanned	0.00	0.00	0.00	0.00	0.00
Class F - Other Generator Unplanned	0.00	0.16	0.00	0.00	0.00
Class G - Other (Not in A to F)	0.00	0.00	0.00	0.00	0.00
Total	177.86	197.36	189.09	211.14	366.76

19.7 - 19.8 SAIFI

Interruption Class	1998	1997	1996	1995	1995
	Powerco SAIFI	Powerco SAIFI	Powerco SAIFI	Taranaki Energy SAIFI	Powerco SAIFI
Class A - Transpower Planned	0.057	0.098	0.134	0.000	0.410
Class B - Distributor Planned	0.234	0.396	0.429	0.600	0.380
Class C - Distributor Unplanned	1.846	1.798	1.679	1.950	3.240
Class D - Transpower Unplanned	0.385	0.011	0.567	0.290	1.480
Class E - ECNZ Unplanned	0.000	0.000	0.000	0.000	0.000
Class F - Other Generator Unplanned	0.000	0.003	0.000	0.000	0.000
Class G - Other (Not in A to F)	0.000	0.000	0.000	0.000	0.000
Total	2.523	2.404	2.809	2.820	5.510

19.9 - 19.10 CAIDI

Interruption Class	1998	1997	1996	1995	1995
	Powerco CAIDI	Powerco CAIDI	Powerco CAIDI	Taranaki Energy CAIDI	Powerco CAIDI
Class A - Transpower Planned	230.83	233.08	240.00	0.00	169.52
Class B - Distributor Planned	149.17	189.06	152.23	168.88	173.05
Class C - Distributor Unplanned	57.58	52.57	45.44	53.97	64.65
Class D - Transpower Unplanned	60.99	45.85	26.94	19.13	15.54
Class E - ECNZ Unplanned	0.00	0.00	0.00	0.00	0.00
Class F - Other Generator Unplanned	0.00	0.00	0.00	0.00	0.00
Class G - Other (Not in A to F)	0.00	0.00	0.00	0.00	0.00
Total	70.51	82.11	67.31	49.50	66.60

