

New Zealand Gazette

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POWER NEW ZEALAND LIMITED

INFORMATION FOR DISCLOSURE

PURSUANT TO THE ELECTRICITY (INFORMATION
DISCLOSURE) REGULATIONS 1994

POWER NEW ZEALAND LIMITED

**Information Disclosure Number 21
31 August 1998**

pursuant to

**The Electricity (Information Disclosure)
Regulations 1994**

POWER NEW ZEALAND LIMITED

**Information Disclosure Number 21
31 August 1998**

CONTENTS

Statutory Declaration in Respect of Statements and Information Supplied to the Secretary of Commerce.

1. Introduction and Interpretation
2. Financial Statements for the year ending 31 March 1998
3. Performance Measures and Statistics for the year ending 31 March 1998

**STATUTORY DECLARATION IN RESPECT OF STATEMENT AND INFORMATION
SUPPLIED TO SECRETARY OF COMMERCE**

I, Graeme Scott Hawkins of Auckland being a Director of Power New Zealand Limited, solemnly and sincerely declare that having made all reasonable inquiry, to the best of my knowledge, the information attached to this declaration is a true copy of information made available to the public pursuant to the Electricity (Information Disclosure) Regulations 1994.

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



Declared at Auckland this 11th day of August 1998



A Solicitor of the High Court of New Zealand

1. **Introduction and Interpretation**

- 1.1 This document contains certain material required to be disclosed by Power NZ under Regulations 6, 13, 14, 15 and 16 of the Electricity (Information Disclosure) Regulations 1994.
- 1.2 The information in this document was prepared by Power NZ after making all reasonable inquiry and to the best of its knowledge, the information complies with all relevant requirements of the Regulations.
- 1.3 The information in this document is not intended by Power NZ to constitute an offer of services to the public.
- 1.4 The information is available on request at:-

44 Taharoto Road
Takapuna
Auckland
- 1.5 In this document, words and expressions have the meaning given to them in the Regulations or the Act, unless otherwise specified.
- 1.6 For the purpose of this disclosure:

“**Disclosure Date**” means 31 March 1998;

“**Last financial year**” means the year ending on 31 March 1997.


2. Financial Statements for the year ending 31 March 1998

2.1 Certification of financial statements, performance measures and statistics disclosed by line owners.

We, Graeme Scott Hawkins and Michael Peter Stiassny, Directors of Power New Zealand Limited certify that, having made all reasonable inquiry, to the best of our knowledge:

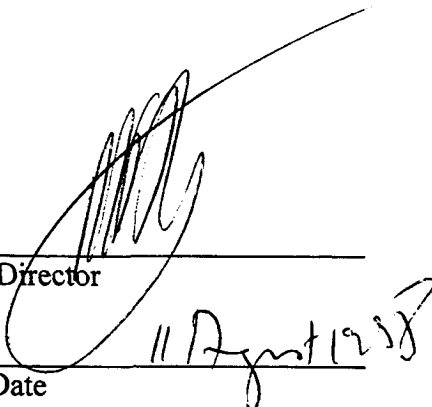
- a) The attached audited financial statements of Power New Zealand Limited prepared for the purposes of Regulation 6 of the Electricity (Information Disclosure) Regulations 1994, give a true and fair view of the matters to which they relate and comply with the requirements of those Regulations; and
- b) The attached information, being financial performance measures, efficiency performance measures, statistics and reliability performance measures in relation to Power New Zealand 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
11th August 1998

Date



Director
11 August 1998

Date

2.2 CERTIFICATION BY AUDITOR IN RELATION TO FINANCIAL STATEMENTS

We have examined the attached financial statements prepared by Power New Zealand Limited and dated 11 August 1998 for the purpose of Regulation 6 of the Electricity (Information Disclosure) Regulations 1994.

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

Deloitte Touche Tohmatsu
14 August 1998.

Deloitte Touche Tohmatsu
Chartered Accountants
Auckland
New Zealand

2.3 CERTIFICATION OF PERFORMANCE MEASURES BY AUDITOR

We have examined the attached information, 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 that Schedule, and having been prepared by Power New Zealand Limited and dated 11 August 1998 for the purposes of Regulation 13 of those Regulations.

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

Deloitte Touche Tohmatsu
14 August 1998.

Deloitte Touche Tohmatsu
Chartered Accountants
Auckland
New Zealand

2.4 CERTIFICATION BY AUDITOR IN RELATION TO ODV VALUATION

We have examined the valuation report prepared by Power New Zealand Limited and dated 10 July 1998, (which is based on the Coopers & Lybrand valuation as at 31 March 1997, adjusted for changes in standard asset lives required by the second edition of the ODV Handbook, dated 28 May 1998) which report contains valuations as at 31 March 1997.

We 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 second edition of the ODV Handbook.

Deloitte Touche Tohmatsu

14 August 1998

Deloitte Touche Tohmatsu
Chartered Accountants
Auckland
New Zealand

2.5 STATEMENT OF FINANCIAL PERFORMANCE

		1998	1997	1998	1997	1998
	Notes	Network	Network	Energy	Energy	Generation
For the year ended 31 March		(\$000)	(\$000)	(\$000)	(\$000)	(\$000)
Trading Revenue		152,474	147,449	187,260	154,604	5,014
Other Revenue	2	10,642	10,468	1,057	1,521	109
Total Revenue		163,116	157,917	188,317	156,125	5,123
Operating Surplus Before Taxation		52,636	47,297	19,661	21,179	1,057
Taxation	4	7,271	16,350	5,086	6,745	273
NET SURPLUS FOR YEAR		45,365	30,947	14,575	14,434	784

2.6 STATEMENT OF FINANCIAL POSITION

	Notes	1998 Network (\$000)	1997 Network (\$000)	1998 Energy (\$000)	1997 Energy (\$000)	1998 Generation (\$000)
As at 31 March						
Share Capital	6	116,459	116,459	0	0	0
Revaluation Reserves	7	355,154	355,154	0	0	0
Other Reserves	7	66,678	66,678	19,891	19,891	0
Retained Earnings	7	30,621	21,033	50,577	49,366	65
Total Shareholders' Equity		568,912	559,324	70,468	69,257	65
Current Assets						
Inter-Business Unit Receivable		102	91	1	14	0
Cash at Bank	10	(193)	(3,565)	1,358	(579)	(4)
Accounts Receivable	8	23,896	24,728	22,051	22,090	985
Lease		55	0	0	0	0
Inventory		621	621	8	8	0
Total Current Assets		24,481	21,875	23,418	21,533	981
Less Current Liabilities						
Inter-Business Unit Payable		5,112	6,175	761	(1)	30
Accounts Payable		5,392	7,689	20,169	18,460	843
Bank Loan	10	0	1,140	0	0	4,601
Provision for Dividend	5	23,857	14,616	8,913	6,030	480
Provision for Taxation		422	(1,330)	295	(549)	(1,108)
Sundry Payables		160	942	732	240	11
Total Current Liabilities		34,943	29,232	30,870	24,180	4,857
Working Capital		(10,462)	(7,357)	(7,452)	(2,647)	(3,876)
Non-Current Assets						
Reticulation Assets	9	518,876	517,390	0	0	0
Non-Reticulation Assets	9	23,630	21,712	2,420	1,080	48,224
Lease		1,785	0	0	0	0
Total Non-Current Assets		544,291	539,102	2,420	1,080	48,224
Non-Current Liabilities						
Loans	10	0	0	0	0	42,474
Deferred Taxation	4	6,682	10,799	0	0	2,131
Inter-Business Unit Funding		(41,765)	(38,378)	(75,500)	(70,824)	(322)
Total Non-Current Liabilities		(35,083)	(27,579)	(75,500)	(70,824)	44,283
Net Assets		568,912	559,324	70,468	69,257	65

2.7 STATEMENT OF MOVEMENTS IN EQUITY

		1998	1997	1998	1997	1998
	Notes	Network	Network	Energy	Energy	Generation
		(\$000)	(\$000)	(\$000)	(\$000)	(\$000)
For the year ended 31 March						
Equity at Start of Year		559,324	570,721	69,257	65,590	0
Net Surplus for the Year		45,365	30,947	14,575	14,434	784
Decrease in Revaluation Reserve	7	0	(16,244)	0	0	0
Distribution to Owners during the Year	5	(35,777)	(26,100)	(13,364)	(10,767)	(719)
Equity at End of Year		568,912	559,324	70,468	69,257	65

2.8 NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS *For the Year Ended 31 March 1998*

1. STATEMENT OF ACCOUNTING POLICIES

Special Purpose Financial Statements

These financial statements are made pursuant to Power New Zealand Limited's obligations under the Electricity (Information Disclosure) Regulations 1994 to report separate financial results in respect of its line, energy and generation business activities. They are in addition to the company's financial statements published pursuant to the company's obligations under the Companies Act 1993 and the Financial Reporting Act 1993.

These are the fourth financial statements prepared by Power New Zealand Limited pursuant to Regulations 13, 15 and 16.

The Network Business Unit is treated as the core business activity and corporate activities are accounted for through the Network, Energy and Generation Business Unit financial statements.

Generation commenced at the Rotokawa power station in the reporting period. This is a joint venture project between Power New Zealand Limited and the Tauhara North Number 2 Trust.

Separate reporting of the company's generation interests is now required by the Electricity (Information Disclosure) Regulations 1994. No comparative figures for the last financial year feature in these financial statements as production only commenced in the current year.

In these statements Power New Zealand Limited has adopted the costs and revenue allocation methodology stipulated in the Guidelines to the Regulations in most respects. All departures from the Guidelines are described in the Power New Zealand Limited Information Disclosure No. 22.

General Accounting Policies

The general accounting principles as recommended by the Institute of Chartered Accountants of New Zealand for the measurement and reporting of operating surplus on a historical cost basis have been followed by the group with the exception of Distribution Network System Assets which have been revalued to their Optimised Deprival Value (ODV) in accordance with the treatment outlined in the Electricity Disclosure Guidelines. This is more fully explained within the particular accounting policy for Fixed Assets.

Particular Accounting Policies

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

NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS (continued)**(a) Income Tax**

The group adopts the liability method of accounting for deferred taxation.

The taxation charge against the surplus for the year is the estimated liability in respect of that surplus after allowance for all the permanent differences and timing differences not expected to reverse in the foreseeable future. This is the partial basis for the calculation of deferred taxation.

Future tax benefits attributable to tax losses or losses carried forward are recognised in the financial statements only when there is virtual certainty that the benefit of the timing differences will be realised or any losses utilised.

The taxation effect of the timing difference not recognised is disclosed in note 4.

(b) Fixed Assets***Fixed Assets Other Than Distribution Network System Assets***

All fixed assets are initially recorded at cost.

Distribution Network System Assets

The Distribution Network System Assets were revalued by independent consultants, Coopers & Lybrand, to an ODV valuation of \$527,406,000 as at 31 March 1997. Subsequently this valuation has been reduced by Power New Zealand Limited in respect of the years ending 31 March 1997 and 31 March 1998 for changes in asset lives as required by the second edition of the ODV handbook dated 28 May 1998.

The ODV valuation method allows for assets purchased prior to 1 April 1997 to be restated at their replacement cost less an appropriate provision for depreciation. Comparison is then made between their depreciated value and their economic value. Should this result in a lower figure then the economic value is substituted. Additions made subsequent to 1 April 1997 have been added at cost.

(c) Depreciation

Depreciation of fixed assets, other than freehold land, has been charged at rates calculated to allocate on a straight-line basis either the cost of the asset, or the valuation, less estimated residual value, over their estimated useful lives as follows:

(i)	Freehold Buildings	50 – 100 years
(ii)	Reticulation System	15 – 70 years
(iii)	Plant, Vehicles and Equipment	3 – 10 years

NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS (continued)**(d) *Accounts Receivable.***

Accounts Receivable are stated at their estimated net realisable value.

Receivables include an assessment for unbilled sales of electricity at balance date.

(e) *Inventory*

Inventory is stated at the lower of cost and net realisable value.

In arriving at net realisable value an allowance is made for deterioration and obsolescence.

(f) *Research and Development Expenditure*

Research and development expenditure is charged to expense as incurred.

(g) *Revenue Recognition*

Income from electricity sales includes an estimated amount for accrued electricity sales from meters unread at balance date.

(h) *Changes in Accounting Policies*

All policies have been applied on bases consistent with those used in the previous year with the exception of deferred taxation, which is now recognised on the partial basis. This policy has been adopted as timing differences on reticulation assets are not expected to crystallise in the foreseeable future.

The effect of this change in accounting policy is to increase the Network Business Unit net surplus by \$11,315,000 of which \$2,700,000 relates to the current year and \$8,615,000 to prior years.

NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS (continued)

	1998 Network (\$000)	1997 Network (\$000)	1998 Energy (\$000)	1997 Energy (\$000)	1998 Generation (\$000)
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2 OTHER REVENUE INCLUDES:

Interest Received	138	1,859	-	767	109
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3 EXPENSES INCLUDE:

Audit fees	93	75	-	-	-
Depreciation	20,560	20,083	774	260	998
Other fees paid to Auditors	234	83	119	55	3
Directors fees	390	319	-	-	6
Interest on loans	-	-	-	-	2,170
Lease and Rental	200	108	103	22	9

4 TAXATION**CURRENT YEAR TAXATION CHARGE**

Operating Surplus Before Taxation	52,636	47,297	19,661	21,179	1,057
Taxation at 33%	17,370	15,608	6,488	6,989	349
Permanent Differences	291	742	(1,839)	(244)	(76)
Correction to prior year charge	(1,775)	-	437	-	-
Amount due to change in accounting policy	(8,615)	-	-	-	-
	7,271	16,350	5,086	6,745	273

THE TAXATION CHARGE IS REPRESENTED BY:

Current Taxation	17,040	15,928	4,649	6,745	(852)
Deferred Taxation	621	422	-	-	1,125
Correction to prior year charge	(1,775)	-	437	-	-
Change in accounting policy	(8,615)	-	-	-	-
	7,271	16,350	5,086	6,745	273

NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS (continued)

**4 DEFERRED TAXATION
RECONCILIATION:**

	1998 Network (\$000)	1997 Network (\$000)	1998 Energy (\$000)	1997 Energy (\$000)	1998 Generation (\$000)
Opening Balance 1 April	10,799	2,267	-	-	-
Deferred tax relating to revaluation	-	8,110	-	-	-
Current Year Tax Charge Movement	621	422	-	-	1,125
Reduction due to changes in accounting policy – prior year	(8,615)	-	-	-	-
Correction to prior year balance	3,877	-	-	-	1,006
Closing Balance	6,682	10,799	-	-	2,131

**IMPUTATION CREDIT
ACCOUNT:**

Opening Balance 1 April	15,850	15,047	4,821	4,489	-
<u>Imputation Credits attached to:</u>					
Dividends received	3,718	2,871	1,389	1,184	75
Taxation paid	7,657	16,908	5,356	6,974	287
Dividends paid	(13,350)	(18,976)	(4,987)	(7,826)	(269)
Imputation Credits available to shareholders	13,875	15,850	6,579	4,821	93

In respect of the valuation, there is a deferred tax liability for tax depreciation recovered amounting to approximately \$20,000,000 (1997: \$18,000,000) which would crystallise if all the revalued assets were disposed of for their carrying value. This liability has not been recognised in the financial statements.

The tax effect of timing differences which have not been provided for in the deferred tax account amount to approximately \$11,300,000 (1997: Nil) in respect of the Network Business Unit of which \$8,600,000 relates to prior years. These timing differences are not expected to crystallise in the foreseeable future.

5 DIVIDEND:

Dividend Paid	11,920	11,484	4,451	4,737	239
Dividend Proposed	23,857	14,616	8,913	6,030	480
	35,777	26,100	13,364	10,767	719

6 ISSUED AND PAID UP CAPITAL:

Issued and paid Up Capital	116,459	116,459	-	-	-
151,470,220 Issued Shares Fully Paid					

NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS (continued)

7 RESERVES

REVALUATION RESERVE:

	1998 Network (\$000)	1997 Network (\$000)	1998 Energy (\$000)	1997 Energy (\$000)	1998 Generation (\$000)
Opening Balance 1 April	355,154	371,578	-	-	-
Transfer arising from disposal of fixed assets	-	(180)	-	-	-
Surplus on revaluation of additions in period	-	2,294	-	-	-
Net adjustment to ODV	-	(10,428)	-	-	-
Deferred tax in relation to revaluation of fixed assets	-	(8,110)	-	-	-
Closing Balance 31 March	355,154	355,154	-	-	-

OTHER RESERVES

Opening Balance 1 April	66,678	66,678	19,891	19,891	-
Closing Balance 31 March	66,678	66,678	19,891	19,891	-

RETAINED EARNINGS

Opening Balance 1 April	21,033	16,006	49,366	45,699	-
Transfer from Revaluation Reserve	-	180	-	-	-
Dividends	(35,777)	(26,100)	(13,364)	(10,767)	(719)
Transferred from Statement of Financial Performance	45,365	30,947	14,575	14,434	784
	30,621	21,033	50,577	49,366	65

8 ACCOUNTS

RECEIVABLE

Accounts Receivable - Trade	17,768	18,807	19,855	19,814	897
Other Receivables	6,128	5,921	2,196	2,276	88
	23,896	24,728	22,051	22,090	985

NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS (continued)

9 **FIXED ASSETS:**

	At cost (\$000)	At Valuation (\$000)	Accumulated Depreciation (\$000)	Net Carrying Value (\$000)
Network Business Unit -1998				
Freehold Land	134	-	-	134
Freehold Buildings	4,707	-	879	3,828
Distribution System	19,444	517,390	17,958	518,876
Plant, Vehicles and Equipment	16,064	-	10,724	5,340
Capital Work in Progress	14,328	-	-	14,328
	54,677	517,390	29,561	542,506
Network Business Unit- 1997				
Freehold Land	341	-	-	341
Freehold Buildings	4,666	-	765	3,901
Distribution System	-	517,390	133	517,257
Plant, Vehicles and Equipment	13,209	-	9,007	4,202
Capital Work in Progress	13,401	-	-	13,401
	31,617	517,390	9,905	539,102
Energy Business Unit - 1998				
Freehold Land	47	-	-	47
Freehold Buildings	331	-	85	246
Plant, Vehicles and Equipment	4,030	-	1,934	2,096
Capital Work in Progress	31	-	-	31
	4,439	-	2,019	2,420
Energy Business Unit - 1997				
Freehold Land	47	-	-	47
Freehold Buildings	322	-	74	248
Plant, Vehicles and Equipment	1,463	-	718	745
Capital Work in Progress	40	-	-	40
	1,872	-	792	1,080
Generation Business Unit - 1998				
Generation Assets	48,151	-	1,008	47,143
Plant, Vehicles and Equipment	30	-	-	30
Capital Work in Progress	1,051	-	-	1,051
	49,232	-	1,008	48,224

NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS (continued)

10 FINANCIAL INSTRUMENTS:

The estimated fair value of Financial Instruments at 31 March

Network Business Unit	1998		1997	
	Carrying Amount (\$000)	Fair Value (\$000)	Carrying Amount (\$000)	Fair Value (\$000)
<i>Assets</i>				
Cash and Liquid Deposits	(193)	(193)	(3,565)	(3,565)
<i>Current Liabilities</i>				
Bank Loan	-	-	1,140	1,140
 Energy Business Unit				
<i>Assets</i>				
Cash and Liquid Deposits	1,358	1,358	(579)	(579)
 Generation Business Unit				
<i>Assets</i>				
Cash and Liquid Deposits	(4)	(4)	-	-
<i>Current Liabilities</i>				
Bank Loan	4,601	4,601	-	-
<i>Non-Current Liabilities</i>				
Bank Loan	42,474	42,474	-	-

The company has the following off balance sheet financial instruments:

(i) Energy Business Unit – Hedge Contracts

In common with other electricity companies the group seeks to limit its exposure to future spot price movements by purchasing hedge instruments against future spot price.

The face value of hedge contracts entered into at balance date, with a view to protecting future profits amounted to \$313,400,000 (1997: \$287,600,000) covering a period of six years.

Of these contracts \$164,500,000 (1997: \$287,600,000) were entered into with an associate company, Pacific Energy Limited.

NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS (continued)**(ii) Generation Business Unit - Foreign Exchange**

The group has, in this reporting period, conducted transactions in foreign currencies for the purposes of protecting the NZ\$ value of capital expenditures. At balance date there were no outstanding foreign exchange contracts to buy foreign currencies (1997: NZ\$7,500,000).

The following methods and assumptions were used to estimate the fair value of each class of financial instrument where it is practical to estimate that value:

Loans

The fair value of the loans is based on current market interest rates (including margin) available to the Company for debt of similar maturities.

Credit Risk

In the normal course of business the group incurs credit risk from trade debtors and financial institutions.

There are no significant concentrations of credit risk. The group has a credit policy, which is used to manage its exposure to credit risk. As part of this policy, limits on exposures to financial institutions have been set and are monitored on a regular basis. The bank risk is reduced by spreading short-term investments over high credit quality financial institutions.

Cash and Liquid Deposits, Short Term Loans

The carrying amount of these items is equivalent to their fair value.

Foreign Exchange Contracts

The fair value of these contracts is estimated based on the quoted market prices of comparable financial instruments.

Electricity Hedge Contracts

The fair value of these contracts at balance date has not been reported as it is not practicable to estimate that value with an acceptable level of reliability, due to the lack of depth of the forward market.

11 CAPITAL COMMITMENTS:

At balance date, estimated capital expenditure contracted for but not provided was \$3,600,000 (1997:\$35,525,000).

NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS (continued)**12 CONTINGENT LIABILITIES:**

- a) The Company has provided a guarantee of Pacific Energy Limited's liabilities to:
- (i) Bank of New Zealand Limited for letters of credit and standby cash advance facility required by the Electricity Market Company of New Zealand Limited, and,
 - (ii) Electricity Corporation of New Zealand Limited for entering into hedging contracts.

The total guarantees are for a maximum amount of \$42,505,750 (1997:\$35,166,000).

- b) Performance Bonds totalling \$82,296 (1997: \$309,896) have been issued on behalf of Power New Zealand Limited to:
- i) Ensure completion of contract works, and
 - ii) To meet board obligations under the New Zealand Stock Exchange Listing requirements.
- c) Contingent liabilities exist in relation to on-going disputes, which are being defended.
- d) The group has entered into a 15 year contract for the guaranteed supply of electricity from the Rotokawa power station. Should the plant cease operation for any reason the group is liable for the guaranteed base supply level specified in the contract.

13 EVENTS OCCURRING AFTER BALANCE DATE

The Directors are not aware of any significant events occurring subsequent to balance date which, if known at balance date, would have resulted in a different assessment of the amount attributable to an item in the Network, Energy or Generation Business Unit financial statements.

3. Performance Measures and Statistics for the year ending 31 March 1998

Disclosure of financial and efficiency performance measures as required by regulations 13, 14, 15 and 16 of the Electricity (Information Disclosure) Regulations 1994.

Regulation 13:		Year ended 31 March			
		1998	1997	1996	1995
1. Financial performance measures					
(a)	Accounting return on total assets *	9.87%	8.11%	4.62%	3.74%
(b)	Accounting return on equity *	8.04%	5.48%	3.16%	2.49%
(c)	Accounting rate of profit *	8.07%	5.46%	2.19%	1.75%
* 1997 ratio restated to incorporate the revised 31/3/97 reticulation asset value.					
2. Efficiency Performance measures					
(a)	Direct Line Costs per kilometre ***	\$975.50	\$959.21	\$1131.51	\$1254.51
(b)	Indirect Line Costs per Electricity Customer	\$115.35	\$107.52	\$91.57	\$110.08
3. Energy Delivery Efficiency Performance Measures					
(a)	Load Factor	55.70%	58.60%	58.90%	45.10%
(b)	Loss Ratio	6.20%	6.20%	6.12%	6.00%
(c)	Capacity Utilisation **	39.60%	39.60%	40.60%	45.50%
** Prior year ratios restated to exclude spare transformers and those undergoing refurbishment.					

Regulation 15:		Year ended 31 March			
		1998	1997	1996	1995
4 Total Statistics					
(a)	Total System lengths (kms) ***				
	110kV	25	25	25	25
	66kV	144	144	144	144
	33kV	773	770	765	756
	11kV	6,526	6,474	6,379	6,320
	400V	5,822	5,735	5,634	5,569
	Total	13,290	13,148	12,946	12,814
(b)	Circuit length (overhead) kms ***				
	110kV	25	25	25	25
	66kV	144	144	144	144
	33kV	681	681	680	674
	11kV	5,465	5,449	5,395	5,372
	400V	3,809	3,796	3,773	3,765
	Total	10,124	10,095	10,017	9,981
(c)	Circuit length(underground) kms ***				
	110kV	0	0	0	0
	66kV	0	0	0	0
	33kV	92	89	85	82
	11kV	1,061	1,025	984	947
	400V	2,013	1,939	1,861	1,804
	Total	3,166	3,053	2,930	2,833
(d)	Transformer capacity (kVA) **	1,659,135	1,624,008	1,535,156	1,431,090
(e)	Maximum demand (kW)	657,584	643,252	622,530	650,477
(f)	Total electricity supplied (kWh)	3,384,294,573	3,315,486,882	3,223,058,394	2,569,370,797
(g)	Total electricity conveyed on behalf of other persons	663,621,000	771,691,000	920,545,000	936,449,427
(h)	Total customers	223,765	218,772	213,215	212,772

*** Certain prior year comparative figures in sections 4 (a) to (c) have been restated to include the total system length resulting from double circuits. This has resulted in amendments to the prior year Direct Line Costs per kilometre ratios reported under 2(a) above.

3. Performance Measures and Statistics for the year ending 31 March 1998 (continued)

Regulation 16:	Year Ended 31 March			
	1998	1997	1996	1995
5. Reliability Performance Measures				
(1) Interruptions				
Class A	1	0	9	7
Class B	645	661	789	802
Class C	1,032	1,515	1,394	1,608
Class D	5	6	65	8
Class E	0	0	0	0
Class F	0	0	0	0
Class G	0	0	0	0
Total	<u>1,683</u>	<u>2,182</u>	<u>2,257</u>	<u>2,425</u>
Total number of faults per 100 circuit kilometers of prescribed voltage electric lines				
(2) Total System:				
- 110kV	0	3.95	0	0
- 66kV	4.87	0.70	3.48	4.17
- 33kV	8.03	10.10	4.70	7.80
- 11kV	14.19	22.47	22.04	24.42
Total	<u>13.32</u>	<u>20.70</u>	<u>19.79</u>	<u>22.20</u>
(3) Underground Circuit:				
- 33kV	2.18	2.27	3.49	2.45
- 11kV	6.78	6.14	5.26	8.34
Total	<u>6.42</u>	<u>5.83</u>	<u>5.12</u>	<u>7.87</u>
(4) Overhead Line:				
- 110kV	0	3.95	0	0
- 66kV	4.87	0.70	3.48	4.17
- 33kV	8.81	11.12	4.85	8.45
- 11kV	15.62	25.65	25.10	27.25
Total	<u>14.58</u>	<u>23.33</u>	<u>22.30</u>	<u>24.57</u>
(5) The SAIDI for total of interruptions (minutes):	171.19	219.40	233.00	309.00
(6) The SAIDI for total interruptions within each interruption class (minutes):				
Class A	0	0	63.40	62.00
Class B	28.39	23.01	28.50	44.00
Class C	134.25	164.93	129.10	154.00
Class D	8.55	31.54	12.00	49.00
Class E	0	0	0	0
Class F	0	0	0	0
Class G	0	0	0	0
(7) The SAIFI for total of interruptions:	2.90	4.58	3.36	5.06

3. Performance Measures and Statistics for the year ending 31 March 1998 (continued)

Regulation 16 (continued)	Year Ended 31 March			
	1998	1997	1996	1995
(8) The SAIFI for total interruptions within each interruption class:				
Class A	0	0	0.18	0.17
Class B	0.18	0.17	1.70	0.30
Class C	2.37	3.29	2.58	4.25
Class D	0.35	1.12	0.40	0.34
Class E	0	0	0	0
Class F	0	0	0	0
Class G	0	0	0	0
(9) The CAIDI for total interruptions	59.03	44.85	66.90	60.00
(10) The CAIDI for total interruptions within each interruption class:				
Class A	239.0	0	300.2	354.0
Class B	151.62	136.7	146.1	150.0
Class C	56.43	58.7	52.7	36.0
Class D	23.78	28.3	40.9	143.0
Class E	0	0	0	0
Class F	0	0	0	0
Class G	0	0	0	0

