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## New Zealand Gazette

OF THURSDAY, 24 AUGUST 2000

WELLINGTON: MONDAY, 28 AUGUST 2000 — ISSUE NO. 111

## UNITEDNETWORKS LIMITED

### INFORMATION FOR DISCLOSURE

PURSUANT TO THE ELECTRICITY (INFORMATION DISCLOSURE) REGULATIONS 1999 AND THE ELECTRICITY (INFORMATION DISCLOSURE) AMENDMENT REGULATIONS 2000

### **CONTENTS**

- FORM 8 : STATUTORY DECLARATION IN RESPECT OF STATEMENTS AND INFORMATION SUPPLIED TO SECRETARY
- FORM 1: AUDITORS' REPORT
- FORM 2: AUDITOR'S OPINION OF PERFORMANCE MEASURES
- FORM 3: AUDITOR'S OPINION IN RELATION TO VALUATION
- FORM 5 : CERTIFICATION OF FINANCIAL STATEMENTS, PERFORMANCE

  MEASURES, AND STATISTICS DISCLOSED BY LINE OWNERS OTHER

  THAN TRANSPOWER
- FORM 7: CERTIFICATION OF VALUATION REPORT OF LINE OWNERS

#### 1. INTRODUCTION AND INTERPRETATION

### 2. FINANCIAL STATEMENTS

- 2.1 STATEMENT OF FINANCIAL PERFORMANCE
- 2.2 STATEMENT OF FINANCIAL POSITION
- 2.3 STATEMENT OF MOVEMENTS IN EQUITY
- 2.4 STATEMENT OF CASH FLOWS
- 2.5 NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS

#### 3. PERFORMANCE MEASURES AND STATISTICS

- 3.1 SCHEDULE 1 PART 3 : FINANCIAL PERFORMANCE AND EFFICIENCY MEASURES
- 3.2 SCHEDULE 1 PART 7 : DERIVATION OF FINANCIAL PERFORMANCE MEASURES
- 3.3 DERIVATION OF EFFICIENCY PERFORMANCE MEASURES
- 3.4 SCHEDULE 1 PART 4 : ENERGY DELIVERY EFFICIENCY PERFORMANCE MEASURES
- 3.5 SCHEDULE 1 PART 4: ENERGY EFFICIENCY PERFORMANCE STATISTICS
- 3.6 SCHEDULE 1 PART 5: RELIABILITY PERFORMANCE MEASURES
- 3.7 SCHEDULE 1 PART 8: ANNUAL VALUATION RECONCILIATION REPORT

### FORM 8: STATUTORY DECLARATION IN RESPECT OF STATEMENTS AND INFORMATION SUPPLIED TO SECRETARY

I, Daniel Wayne Warnock, of Auckland, being a Director of UnitedNetworks Limited, solemnly and sincerely declare that having made all reasonable enquiry, to the best of my knowledge, the information attached to this declaration is a true copy of information made available to the public under the Electricity (Information Disclosure) Regulations 1999, read with Electricity (Information Disclosure) Amendment Regulations 2000.

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

Declared at Takapuna this 15th day of August 2000.

Marrock

Solicitor

### **FORM 1: AUDITORS' REPORT**

To the readers of the financial statements of UnitedNetworks Limited.

We have audited the accompanying financial statements of UnitedNetworks Limited. The financial statements provide information about the past financial performance of UnitedNetworks and its financial position as at 31 March 2000. This information is stated in accordance with the accounting policies set out in section 2.5 (1).

### **Directors' Responsibilities**

The Electricity (Information Disclosure) Regulations 1999 read with Electricity (Information Disclosure) Amendment Regulations 2000 require the Directors to prepare financial statements which give a true and fair view of the financial position of UnitedNetworks as at 31 March 2000, and results of operations and cash flows for the year then ended.

### **Auditors' Responsibilities**

It is our responsibility to express an independent opinion on the financial statements presented by the Directors and report our opinion to you.

### **Basis of Opinion**

An audit includes examining, on a test basis, evidence relevant to the amounts and disclosures in the financial statements. It also includes assessing –

- the significant estimates and judgments made by the Directors in the preparation of the financial statements; and
- whether the accounting policies are appropriate to UnitedNetworks' circumstances, consistently applied and adequately disclosed.

We conducted our audit in accordance with generally accepted auditing standards in New Zealand. We planned and performed our audit so as to obtain all the information and explanations which we considered necessary. We obtained sufficient evidence to give reasonable assurance that the financial statements are free from material misstatements, whether caused by fraud or error. In forming our opinion we also evaluated the overall adequacy of the presentation of information in the financial statements.

In addition to our capacity as auditors and taxation advisors, our firm carries out consultancy assignments for UnitedNetworks Limited.

### **Unqualified Opinion**

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

In our opinion, proper accounting records have been kept by UnitedNetworks Limited as far, as appears from our examination of those records.

In our opinion the financial statements of UnitedNetworks in Section 2:

- comply with generally accepted accounting practice in New Zealand; and
- give a true and fair view of:
  - the financial position as at 31 March 2000; and
  - the results of its operations and cash flows for the year ended on that date; and
- comply with the Electricity (Information Disclosure) Regulations 1999 read with Electricity (Information Disclosure) Amendment Regulations 2000

Our audit was completed on 15th August 2000 and our opinion is expressed as at that date.

Odloitte Souche Sohnaten.

Deloitte Touche Tohmatsu, Chartered Accountants, Auckland, New Zealand

### FORM 2: AUDITOR'S OPINION OF PERFORMANCE MEASURES

We have examined the attached information, being -

- a) the derivation table specified in regulation 16; and
- b) the annual ODV reconciliation report in regulation 16A; and
- c) the time-weighted averages calculations in regulation 33 (if they apply);
   and
- d) the financial performance measures specified in clause 1 of Part 3 of Schedule 1; and
- e) the financial components of the efficiency performance measures specified in clause 2 of Part 3 of Schedule 1, -

that were prepared by UnitedNetworks Limited and dated 31 March 2000 for the purposes of regulation 15 of the Electricity (Information Disclosure) Regulations 1999.

In our opinion, having made all reasonable enquiry, to the best of our knowledge, that information has been prepared in accordance with the Electricity (Information Disclosure) Regulations 1999, read with Electricity (Information Disclosure) Amendment Regulations 2000.

Delo. He Souch Sohnatsu.

Deloitte Touche Tohmatsu, Chartered Accountants, Auckland, New Zealand

15<sup>th</sup> August 2000

### FORM 3: AUDITOR'S OPINION IN RELATION TO VALUATION

We have examined the valuation report of UnitedNetworks Limited, and dated 14<sup>th</sup> August 2000 which report contains valuations of system fixed assets as at 31 March 2000.

In our opinion, having made all reasonable enquiry, to the best of our knowledge, the valuations contained in the report, including the total valuation of system fixed assets of \$1,005.3 million, have been made in accordance with the ODV Handbook issued on 14<sup>th</sup> April 1999.

Delo. He Souce Sahmatru.

Deloitte Touche Tohmatsu, Chartered Accountants, Auckland, New Zealand

15<sup>th</sup> August 2000

FORM 5: CERTIFICATION OF FINANCIAL STATEMENTS,

PERFORMANCE MEASURES, AND STATISTICS DISCLOSED

BY LINE OWNERS OTHER THAN TRANSPOWER

We, Philip Michael Smith and Daniel Wayne Warnock, directors of UnitedNetworks Limited certify that, having made all reasonable enquiry, to the best of our knowledge, -

a) The attached audited financial statements of UnitedNetworks, prepared for the purposes of regulation 6 of the Electricity (Information Disclosure) Regulations 1999 comply with the requirements of those regulations read

with Electricity (Information Disclosure) Amendment Regulations 2000; and

b) The attached information, being the derivation table, financial performance measures, efficiency performance measures, energy delivery efficiency performance measures, statistics, and reliability performance measures in relation to UnitedNetworks, and having been prepared for the purposes of regulations 15, 16, 21, and 22 and adjusted for the purposes of regulation 33 of the Electricity (Information Disclosure) Regulations 1999, comply with the requirements of those regulations.

The valuations on which those financial performance measures are based are as at 31 March 2000.

Director

Director

15<sup>th</sup> August 2000

"Wandle

Date

15<sup>th</sup> August 2000

Date

### FORM 7: CERTIFICATION OF VALUATION REPORT OF LINE OWNERS

We, Philip Michael Smith and Daniel Wayne Warnock, directors of UnitedNetworks Limited certify that, having made all reasonable enquiry, to the best of our knowledge -

- (a)The attached valuation report of UnitedNetworks, prepared for the purposes of regulation 20 of the Electricity (Information Disclosure) Regulations 1999, read with Electricity (Information Disclosure) Amendment Regulations 2000, complies with the requirements of that regulation; and
- (b)The replacement cost of the line business system fixed assets of UnitedNetworks Limited is \$ 1,787.0 million; and
- (c) The depreciated replacement cost of the line business system fixed assets of UnitedNetworks Limited is \$ 1,012.2 million; and
- (d)The optimised depreciated replacement cost of the line business system fixed assets of UnitedNetworks Limited is \$ 1,005.7 million; and
- (e)The optimised deprival valuation of the line business system fixed assets of UnitedNetworks Limited is \$ 1,005.3 million; and
- (f) The values in paragraphs (b) through to (e) have been prepared in accordance with the ODV Handbook issued on 14<sup>th</sup> April 1999.

These valuations are as at 31 March 2000.

Director

Director

15<sup>th</sup> August 2000

15<sup>th</sup> August 2000

Date

Date

### 1. INTRODUCTION AND INTERPRETATION

- 1.1 This document contains certain material required to be disclosed by UnitedNetworks under PART 2 (Regulations 6 to 9) and PART 4 (Regulations 15 to 22) of the Electricity (Information Disclosure) Regulations 1999.
- 1.2 The information in this document was prepared by UnitedNetworks Limited after making all reasonable enquiry and to the best of its knowledge, the information complies with all relevant requirements of the Electricity (Information Disclosure) Regulations 1999, read with Electricity (Information Disclosure) Amendment Regulations 2000.
- 1.3 The information in this document is not intended by UnitedNetworks Limited to constitute an offer of services to the public.
- 1.4 The information is available on request at: -

44 Taharoto Road Takapuna Auckland

And on the Internet at: -

http://www.unitednetworks.co.nz

- 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 2000

"Last financial year" means the year ending on 31 March 1999

"UnitedNetworks" means the line business of UnitedNetworks Limited

"Other" means any part of UnitedNetworks Limited, which is not the line business

"The company" means UnitedNetworks

### **UnitedNetworks Limited**

### 2. FINANCIAL STATEMENTS

For the year ended 31 March 2000: PART 2 (Regulations 6 to 9)

### 2.1 STATEMENT OF FINANCIAL PERFORMANCE For the year ended 31 March 2000

	Notes	2000 (\$000)	1999 (\$000)
		(4000)	(4000)
Total revenue	2	390,072	232,081
Total expenditure	3	226,146	167,649
Earnings before interest and tax		163,926	64,432
Interest		69,167	17,911
Taxation	4	26,328	28,934
Net profit after tax		68,431	17,587

## UnitedNetworks Limited 2.2 STATEMENT OF FINANCIAL POSITION As at 31 March 2000

			2000	1999
		Notes	(\$000)	(\$000)
1	Current assets			-
(a)	Cash and bank balances:		-	38,510
(b)	Short-term investments:		-	-
(c)	Inventories:		637	1,062
(d)	Accounts receivable:		40,531	39,730
(e)	Other current assets not			
	listed in (a) to (d):		6,182	6,781
(f)	Total current assets	······································	47,350	86,083
2	<b>F</b> '			
2	Fixed assets		4 005 200	1 002 007
(a)	System fixed assets:		1,005,300	1,082,807
(b)	Consumer billing and		2 444	F00
(6)	information system assets: Motor vehicles:		2,444 503	590 828
(c)			9,187	1,317
(d)	Office equipment: Land and buildings:		6,261	4,763
(e)	Capital works under		0,201	4,703
(f)	construction:		30,244	22,240
(g)	Other fixed assets not listed		30,244	22,240
(9)	in (a) to (f):		5,118	10,614
(h)	Total fixed assets	9	1,059,057	1,123,159
3	Other tangible assets not			
	listed above	17	10,061	2,065
			1 116 160	1 211 207
4	Total tangible assets		1,116,468	1,211,307
5	Intangible assets			
(a)	Goodwill:	18	1,643	1,731
(b)	Other intangibles not listed in	= *	- <b>,</b>	-/· <b>-</b>
(-)	(a) above:	19	518,784	531,523
(c)	Total intangible assets		520,427	533,254
6	Total assets		1,636,895	1,744,561

## UnitedNetworks Limited 2.2 STATEMENT OF FINANCIAL POSITION (continued) As at 31 March 2000

			2000	1999
		Notes	(\$000)	(\$000)
7	Current liabilities			
(a)	Bank overdraft:		3,098	-
(b)	Short-term borrowings:	20	6,600	36,500
(c)	Payables and accruals:	8	41,936	50,940
(d)	Provision for dividends			
	payable:	5	17,027	21,984
(e)	Provision for income tax:			
	(included under assets)		-	-
(f)	Other current liabilities not			
	listed in (a) to (e) above:			
(g)	Total current liabilities		68,661	109,424
8	Non-current liabilities			
(a)	Payables and accruals:		_	_
(b)	Borrowings:	20	873,000	989,500
(c)	Deferred tax:	4	28,225	10,768
(d)	Other non-current liabilities	•	20,223	10,700
(u)	not listed in (a) to (c) above:		114,478	37,269
(e)	Total non-current	<u></u>		3.723
	liabilities		1,015,703	1,037,537
0	Paradan			
9	<b>Equity</b> Shareholders' equity:			
(a)	• •	6	116,459	129,351
(i) (ii	•	7	45,233	16,580
•	i) Reserves:	7	390,839	451,669
<u> </u>	v) Total Shareholders' equity:		552,531	597,600
(b)	Minority interests in		332,331	397,000
(0)	subsidiaries:		_	_
(c)	Total equity:		552,531	597,600
(c) (d)	Capital notes:		332,331	397,000
(e)	Total capital funds:		552,531	597,600
(c)	rotai capitai runus.		JJ2,JJ1	337,000
10	Total equity and liabilities		1,636,895	1,744,561

## UnitedNetworks Limited 2.3 STATEMENT OF MOVEMENTS IN EQUITY For the year ended 31 March 2000

	Notes	2000 (\$000)	1999 (\$000)
Equity at Start of Year		597,600	631,783
Net Surplus for the Year		68,431	17,587
Tax credit on supplementary dividend paid to foreign shareholders		7,170	-
Decrease in Revaluation Reserve	7	(13,392)	-
Movement due to disposal of subsidiary	21	(67,852)	-
Movement in shares		-	(8)
Write-back of deferred tax provision to revaluation reserve		-	8,110
Distribution to Owners during the Year	5	(32,256)	(59,872)
Supplementary dividend paid		(7,170)	-
Equity at End of Year		552,531	597,600

## UnitedNetworks Limited 2.4 STATEMENT OF CASH FLOWS For the year ended 31 March 2000

		2000	1999
	Notes	(\$000)	(\$000)
Cash flows From operating activities:			
Cash was provided from:			
Receipts from customers		385,157	213,774
Interest Received		897	402
		386,054	214,176
Cash was applied to:		(460 700)	(405 550)
Payments to suppliers & employees Interest Paid		(169,702)	(105,553)
Income Taxes Paid		(70,017) (8.373)	(10,086)
THEOTHE Taxes Falu		<u>(8,373)</u> (248,092)	(18,284)
Net cash flow From operating		(240,092)	(133,923)
activities	16	137,962	80,253
delivities	10	137,902	00,233
Cash flows from investing activities:			
Cash was provided from:			
Proceeds from sale of fixed assets		1,077	45,335
Cash was applied to:			
Purchase of investments		(135)	115
Purchases of fixed assets		(60,890)	(542,825)
Purchases of identifiable intangibles		_	(536,040)
		(61,025)	(1,078,750)
Net cash flow from investing activities		(59,948)	(1,033,415)
Cash flows from financing activities			
Cash was provided from:			1 017 500
Loans		-	1,017,500
Related party advances		82,618	39,156
Cash was applied to		82,618	1,056,656
Cash was applied to: Settlement of Loans		(112,625)	(2,000)
Dividends paid		(45,937)	(63,045)
Effect of sale of subsidiary		(12,266)	(03,043)
Purchase back of shares		(31,412)	_
Advance to subsidiaries		(01,111,	(8)
, , , , , , , , , , , , , , , , , , , ,			(0)
		(202,240)	(65,053)
Cash flow from financing activities		(119,622)	991,603
		<u>-</u>	
Net increase (decrease) in cash held		(41,608)	38,441
Opening cash balances		38,510	69
Closing cash balances		(3,098)	38,510

### **UnitedNetworks Limited**

### 2.5 NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS For the year ended 31 March 2000

### 1) Statement of Accounting Policies

### Special Purpose Financial Statements

These financial statements are made pursuant to UnitedNetworks' obligations under the Electricity (Information Disclosure) Regulations 1999 read with Electricity (Information Disclosure) Amendment Regulations 2000. 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.

The Line business unit is treated as the core business activity and corporate activities are accounted for through the Line and other business unit financial statements.

In these statements UnitedNetworks has adopted the avoidable cost allocation methodology stipulated in the Electricity Information Disclosure Handbook issued on  $30^{th}$  June 2000.

### **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 company 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 Information Disclosure Handbook. This is more fully explained within the particular accounting policy for Fixed Assets.

### Particular Accounting Policies

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

#### Consolidation

These financial statements include the results of Horizon Energy Distribution Limited, a 52% owned subsidiary, as an aggregation of the line business components only until the effective date of disposal.

## 2.5 UnitedNetworks Limited NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS (continued)

### For the year ended 31 March 2000

### Income Tax

The company adopts the liability method of accounting whereby the income tax expense shown in the statement of financial performance is the estimated total liability relating to the income for the period. Deferred taxation is accounted for in respect of items relating to the Statement of Financial Performance, following the liability method, on the comprehensive basis. Where the revalued assets are intended to be held long term, the deferred taxation liability relating to the revaluation, arising from depreciation claimed for taxation purposes, is not expected to crystallise in the foreseeable future. Accordingly, the taxation liability, which would arise if the revalued assets were disposed of at valuation, has not been recognised.

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

### 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 have been revalued to their ODV valuation of \$1,005.3 million as at 31 March 2000.

The methodology adopts a three-step process. Firstly, an asset based valuation – the Optimised Depreciated Replacement Cost (ODRC) value is determined. Secondly, the Economic Value (EV) is established through a process of sustainability checking. Finally, the ODV is determined as the minimum of the ODRC and the EV.

The company engaged independent valuers to undertake the ODV valuation, which appears in the Statement of Financial Position and the notes thereto.

#### Financial Instruments

The company has financial instruments with off-balance sheet risk for the primary purpose of reducing its exposure to fluctuations in interest rates and foreign exchange rates.

Financial instruments entered into as hedges of an underlying exposure are accounted for on the same basis as the underlying exposure. Financial instruments entered into with no underlying exposure are accounted for on a mark to market basis.

### 2.5 UnitedNetworks Limited

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

For the year ended 31 March 2000

### Depreciation

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

(i) Freehold Buildings 40 – 100 years (ii) Reticulation System 15 – 70 years (iii) Plant, Vehicles and Equipment 2 – 10 years

#### Goodwill

Goodwill on acquisition of businesses is amortised on a straight-line basis over the period of expected benefit or 20 years, whichever is the lesser.

### Identifiable Intangibles

Identifiable intangibles arising from acquisition of reticulation assets is amortised on a straight-line basis over the period of expected benefit, which has been assessed as 40 years.

#### Accounts Receivable

Accounts Receivable are stated at their estimated net realisable value.

### 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.

### Distributions from UnitedNetworks Shareholders Society Inc (UNSS)

As with 1999, the distributions received from UNSS are treated as a distribution from a trust, being a return of dividends previously paid to the trust, of which the company is the beneficiary. Under the avoidable cost allocation methodology these distributions have been identified as dividends and classified as "other".

### Changes in Accounting Policies

All policies have been applied on bases consistent with those used in the previous year.

				2000 (\$000)	1999 (\$000)
2		Revenue			
	(a)		Line / access charges	370,376	217,335
	(b)		OTHER' business for services carried out by		
			UnitedNetworks	-	-
	(c)		Interest Received	836	402
	(d)		AC loss-rental rebates	7,084	7,134
	(e)		Other revenue	11,776	7,210
	(f)	Total Opera	ting Revenue	390,072	232,081
2		F			
3	(a)	Expenses	Transmission Charges	105,277	67,831
	. ,		· ·	,	•
	(b)		Transfer payments to "Other" business for:		
		(i)	Asset Maintenance	22,556	16,004
		(ii)	Consumer disconnection/reconnections	-	3
		(iii)	Meter data	-	-
		(iv)	Consumer based load control services	-	-
		(v)	Royalty and patent expenses	-	-
		(vi)	Avoided transmission charges on account of own		2.065
		(vii)	generation Other goods and services not listed in (i) to (vi) above	<u>-</u>	3,065
		(vii) (viii)	Other goods and services not listed in (i) to (vi) above  Total transfer payment to the "Other" business	22,556	21 19,093
		(۷111)	Total transfer payment to the Other business	22,550	19,093
	(c)		Expense to entities that are not related parties for:		
	(0)	(i)	Asset Maintenance	6,584	3,692
		(ii)	Consumer disconnection/reconnections	-	-,
		(iii)	Meter data	_	-
		(iv)	Consumer based load control services	-	-
		(v)	Royalty and patent expenses	-	
		(vi)	Total of specified expenses to non-related		
			parties	6,584	3,692
	(d)		Employee salaries, wages and redundancies	12,488	11,258
				,	•
	(e)		Consumer billing and information system	580	1,931
	(f)		Depreciation on:		
	(1)	(i)	-System fixed assets	37,545	21,599
		(ii)	-other assets not listed in (i)	4,930	5,521
		(iii)	Total depreciation	42,475	27,120
		()		12,170	27,120
	(g)		Amortisation of:		
	(3)	(i)	Goodwill	88	19
		(ii)	Identifiable Intangibles	13,387	2,766
		(iii)	Total amortisation of intangibles	13,475	2,785
	(h)		Corporate and Administration	7 450	
	(h)		Corporate and Administration	7,450	7,028
	(i)		Human resource expenses	352	274

	Net surplus after	tax	68,431	17,587
	Income Tax		26,328	28,934
	Operating surplus	s before income tax	94,759	46,521
(d)		Total interest expense	69,167	17,911
(a) (b) (c)		Interest expense on borrowings Financing charges related to finance leases Other interest expense	69,167 - -	17,911 - -
	Interest expense	before interest and income tax	103,320	01,132
	Operating surplus	before interest and income tax	163,926	64,432
(^)	Total operating ex		226,146	167,649
(x)		Other expenditure not listed in (a) to (w)	1,533	2,731
(v) (w)		Unusual expenses	-	_
(u) (v)		Rebates to consumers due to ownership interest  Subvention payments	- 3,600	_
(11)		retailers/customers) expense  Rehates to consumers due to expension interest	-	-
(t)		AC loss-rentals (distribution to		
(s)		Local authority rates expense	513	245
	(iii)	Total cost of offering credit	79	570
	(i) (ii)	Bad debts written off Increase in estimated doubtful debts	43 36	972 (402)
(r)	(2)	Cost of offering credit		
	(iv)	Total auditors' fees	898	506
	(iii)	Fees paid for other services provided by principal and other auditors	697	340
	(ii)	Audit fees paid to other auditors	31	45
(p)	(i)	Auditors' Fees Audit fees paid to principal auditors	170	121
(p)		Directors' Fees	280	406
(0)		Donations	29	-
(n)		Consultancy and Legal	5,419	2,757
(m)		Research & Development	81	195
(1)		Take-over Defence	-	-
(k)		Merger & Acquisition	1,750	17,226
(j)		Marketing / advertising	(\$000) 727	(\$000) 2,001
			2000	1999

4	Taxation	2000	1999
		(\$000)	(\$000)
	Current Year Taxation Charge:		
	Operating Surplus Before Taxation	94,759	46,521
	Taxation @ 33%	31,270	15,352
	Permanent Differences:	2,978	2,248
	Benefit of tax losses transferred from group		
	companies purchased via subvention payments	(7,920)	_
	Amount Due to Change in Accounting Policy	-	11,334
		26,328	28,934
	The Taxation Charge is represented by:		
	Current Taxation	7,867	17,336
	Deferred Taxation	18,461	264
	Change in Accounting Policy	-	11,334
	analigo in Accounting Folicy	26,328	28,934
	Deferred Taxation Reconciliation:	· · · · · · · · · · · · · · · · · · ·	
	Opening Balance 1 April	10,768	7,280
	Sale of subsidiary	(1,004)	_
	Deferred Tax Relating to Revaluation written back	_	(8,110)
	Current Year Tax Charge Movement	18,461	264
	Amount Due to Change in Accounting Policy	<b>'</b> -	11,334
	Closing Balance	28,225	10,768
	Imputation Credit Account:		
	Opening Balance 1 April	2,255	15,549
	Imputation Credits Attached to -		
	Dividends Received	5,072	1,551
	Sale of subsidiary	(2,140)	-
	Correction to prior year balance	2,315	_
	Taxation Paid	8,373	18,284
	Dividends Paid	(15,875)	(33,129)
	Imputations Credits Available to		
	Shareholders	_	2,255

In respect of the valuation, there is a deferred tax liability for tax depreciation recovered amounting to approximately \$ 35.9 million (1999: 41 million), 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.

		2000 (\$000)	1999 (\$000)
5	Dividend	(4000)	(\$000)
	Dividend Paid	15,229	37,888
	Dividend Proposed	17,027	21,984
		32,256	59,872
6	Share Capital		
-	Opening balance	129,351	129,359
	Effect of sale of subsidiary	(12,892)	-
	Movement in Shares		(8)
	Ending balance	116,459	129,351
<u> </u>	Shares Issued by UnitedNetworks Limited	151,469,342	151,469,342
7	Posarvos		
,	Reserves Revaluation Reserve:		
	Opening Balance 1 April	29/ 001	402 021
	Transfer Arising from Disposal of Fixed Assets	384,991 (47,438)	403,921 (27,040)
	Revaluation in respect of additions during the year	(1,030)	(27,040)
	Revaluation to ODV	(12,362)	_
	Deferred Tax in Relation to Revaluation of Fixed	(12,502)	
	Assets	_	8,110
	Closing Balance 31 March	324,161	384,991
	Other Reserves:		
	Opening Balance 1 April	66,678	66,678
	Closing Balance 31 March	66,678	66,678
	Total Reserves	390,839	451,669
	Retained Earnings:		
	Opening Balance 1 April	16,580	31,825
	Effect of sale of subsidiary (see note 21)	(7,522)	-
	Transfer from Revaluation Reserve	-	27,040
	Dividends	(32,256)	(59,872)
	Transferred from Statement of Financial Performance	68,431	17,587
	Closing Balance 31 March	45,233	16,580
8	Accounts Payable and accruals		
	Trade and Other Creditors	32,013	38,349
	Employee Entitlements	401	553
	Expenditure provision	2,020	4,174
	Interest Payable	7,502	7,864
	Closing balance 31 March	41,936	50,940

### 9 Fixed Assets

2000	At Cost (\$000)	At Valuation (\$000)	Accum Deprn (\$000)	Net carrying value (\$000)
Freehold Land	98	_	_	98
Freehold Buildings	7,419	_	1,256	6,163
Distribution System	•	1,005,300	· -	1,005,300
Plant, Vehicle and Equipment	32,247	-	14,995	17,252
Capital Work in Progress	30,244	_	-	30,244
	70,008	1,005,300	16,251	1,059,057
1999				
Freehold Land	<i>373</i>	-	6	<i>367</i>
Freehold Buildings	<i>5,580</i>	-	1,184	4,396
Distribution System	582,252	539,118	38,563	1,082,807
Plant, Vehicle and Equipment	30,936	-	<i>17,587</i>	13,349
Capital Work in Progress	22,240		-	22,240
	641,381	539,118	57,340	1,123,159

	2000	1999
	(\$000)	(\$000)
Included in capital works under construction is:	·	
i-Subtransmission assets (transfer payment)	1,560	1,595
ii-Zone Substations (transfer payment)	2,276	1,487
iii-Distribution Lines and Cables (transfer payment)	10,858	<i>5,987</i>
iv-Medium Voltage Switchgear (transfer payment)	2,519	-
v-Distribution Transformers (transfer payment)	301	<i>57</i>
vi-Distribution Substations (transfer payment)	82	1,925
vii-Low Voltage Lines and Cables (transfer payment)	95	5,021
viii-Other System Fixed Assets as per ODV		
Handbook (transfer payment)	11	5,532

### 10 Financial Instruments

### Interest Rate Risk

The group has long term borrowings, which are used to fund ongoing activities. The group actively manages interest rate exposures in accordance with treasury policy. In this respect, at least 60% of all term debt must be fixed using interest rate swaps, forward rate agreements, options and similar derivative instruments. The notional face values of outstanding derivative instruments at balance date are:

	2000 (\$000)	1999 (\$000)	
Interest rate swaps	860,000	907,500	
Forward rate agreements	-	25,000	
Interest rate options	-	-	
Interest rate swaptions	-	20,000	

At balance date, the weighted average interest rate for swaps is 6.68% (1999: 6.51%)

### Foreign Exchange Risk

The group has, in this reporting period, conducted transactions in foreign currencies for the purposes of protecting the New Zealand dollar value of capital expenditure.

At balance date the group has no significant exposure to foreign currency risk.

### Credit Risk

In the normal course of its business, the group incurs credit risk from energy retailers, financial institutions and trade debtors. The group has a credit policy, which is used to manage this exposure to credit risk.

As part of this policy, the group can only have exposures to financial institutions having at least a credit rating of A- long term and A- short term from Standard & Poors (or equivalent rating). In addition, limits on exposures to financial institutions have been set by the Board of Directors and are monitored on a regular basis. In this respect, the group minimises their credit risk by spreading such exposures across a range of institutions. The group does not anticipate non-performance by any of these financial institutions.

The group has some concentration of credit exposures with a few large energy retailers. To minimise this risk, the group performs credit evaluations on all energy retailers and other electricity customers and requires a bond or other form of security where deemed necessary.

### 2.5 UnitedNetworks Limited

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

For the year ended 31 March 2000

### Fair Values

The estimated fair value of financial instruments at balance date is:

	2000	)	199	9
	Carrying Amount (\$000)	Fair Value (\$000)	Carrying Amount (\$000)	Fair Value (\$000)
Cash and liquid deposits	-	-	38,510	38,510
Loans	879,600	879,600	1,026,000	1,026,000
Interest rate swaps	-	23,737	-	(17,930)
Interest rate swaptions	-	-	-	(820)

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

### Cash and Short Term Deposits, Loans

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

### **Derivative Instruments**

The fair value of interest rate swaps, forward rate agreements, interest rate options and other derivative instruments is estimated based on the quoted market prices for these instruments.

### 11 Capital Commitments

At balance date, estimated capital expenditure contracted for but not provided was \$0.6 million (1999: \$1.6 million).

### 12 Contingent Liabilities

The group has provided guarantees in respect of Pacific Energy Limited liabilities to Electricity Corporation for entering into hedge contracts. The total guarantees are for a maximum amount of \$2.1 million (1999: \$21.9 million).

The group also has other contingent liabilities totaling \$2.0 million (1999: \$3.1 million) consisting of:

- i) performance bonds to ensure completion of contract works; and
- ii) letters of credit to satisfy New Zealand Stock Exchange listing requirements;
- iii) letters of credit to guarantee other payments

### 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 financial statements.

### 14 Transactions between related parties

Name of the Entity: UnitedNetworks Contracting Services Business Unit

Relationship: Provides the Network Business Unit maintenance and

construction on system fixed assets and other assets

Total outstanding balance: **\$6,168,853** (included in Trade and other creditors)

Terms of settlement: Settled under normal terms of trade

Total debts w/o or forgiven: Nil

	Quantity	Unit Price	Expenditure	Period goods/
		(\$)	(\$000)	services supplied
Construction of Subtransmission Assets	8,959	<i>\$168</i>	<i>\$1,504</i>	1Apr99 -
				31Mar00
Construction of Zone Substations	409	<i>\$1,784</i>	<i>\$730</i>	1Apr99 -
				31Mar00
Construction of Distribution Lines and Cables	150,963	<i>\$48</i>	<i>\$7,207</i>	1Apr99 -
				31Mar00
Construction of Medium Voltage Switchgear	470	<i>\$3,712</i>	<i>\$1,745</i>	1Apr99 -
				31Mar00
Construction of Distribution Transformers	<i>654</i>	<i>\$5,083</i>	<i>\$3,324</i>	1Apr99 -
				31Mar00
Construction of Distribution Substations	426	<i>\$2,858</i>	<i>\$1,217</i>	1Apr99 -
				31Mar00
Construction of Low Voltage Reticulation	179,136	<i>\$37</i>	<i>\$6,548</i>	1Apr99 -
				31Mar00
Construction of Other System Fixed Assets as				1Apr99 -
per ODV Handbook	152	<i>\$370</i>	<i>\$56</i>	31Mar00
Total reticulation asset additions	341,169		\$22,332	
Maintenance Assets	22,556			

### 15 Segmental reporting

The predominant activity of UnitedNetworks Limited is the ownership and operation of electricity distribution networks. All operations are conducted in New Zealand. During 1999 the company sold all of its assets and businesses involved in the generation and marketing of electricity to comply with the Electricity Industry Reform Act 1998.

### 16 Reconciliation of operating surplus after taxation to net cash inflow from operating activities

	2000 (\$000)	1999 (\$000)
Reported surplus after taxation	68,431	17,587
Add non-cash items:		
Accounts payable	-	498
Depreciation	42,475	27,120
Profit elimination on self constructed assets	-	215
Amortisation of goodwill and intangibles	13,475	2,785
Increase (decrease) in deferred tax payable	17,457	<i>3,487</i>
Deferred tax reversed on reticulation assets	-	8,110
Add (less) movements in working capital items:		
Decrease (increase) in accounts receivable and other debtors	(209)	(16,163)
Decrease (increase) in prepayments	-	(182)
Decrease (increase) in current portion of lease	7	(7)
Decrease (increase) in inventory	425	(8)
Decrease (increase) in tax refund due	(8,055)	(908)
Increase (decrease) in accounts and sundry payables	(9,004)	<i>37,769</i>
Add (less) items classified as investing activities:		
Supplementary Dividend paid	7,170	-
Movements relating to sale of subsidiary	5,770	-
Loss (profit) on sale of assets	20	(50)
Net cash flow from operating activities	137,962	80,253

### 17 Other tangible assets

Taxation receivable	8,450	395
Lease	1,611	1,670
	10,061	2,065

### 17 Lease (continued)

200	
Gross amount (\$00	
Gross amount 4,92 Unearned interest 3,20	
Net amount 1,60	
Long term 1,6:	
Current	<b>55</b> 62
Interest rate 8.00	
Term 40 yea	
Relating to flood lighting and high-tension reticulation systems and other electric Harbour Stadium.	eai works in North
18 Goodwill	
Opening Balance 1,73	31 -
Goodwill purchased in the year	<b>-</b> 1,750
Amortised during the year (8)	
Closing balance 31 March 1,64	<b>1,</b> 731
19 Identifiable intangible	
Opening balance 1 April 531,53	- 23
	-
Identifiable intangibles purchased in the year	- 534,289
Amortised during the year (13,38 Closing balance 31 March 518,78	
Closing balance 31 March 518,78	<b>34</b> 531,523
20 Loans	
Loans - Current 6,60	<b>o</b> 36,500
- Term <b>873,00</b>	<b>o</b> 989,500
879,60	<b>0</b> 1,026,000
The loan maturity dates are:	
Payable within 1 year 6,60	<b>0</b> 36,500
Payable between 1 and 2 years 100,00	<b>0</b> 64,500
Payable between 2 and 3 years 773,00	<b>0</b> 912,000
Payable between 3 and 4 years	
Payable between 4 and 5 years	- 13,000
879,60	<b>0</b> 1,026,000

All loans are unsecured and are subject to negative pledge arrangements. Interest rates for the majority of loans are floating based on the 90-day bank bill rate plus a margin.

The weighted average interest rate on loans is 7.001% (1999: 5.49%).

### 2.5 UnitedNetworks Limited

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

For the year ended 31 March 2000

### 21 Comparative information

On 20 December 1999, the investment in Horizon Energy Distribution Limited (HEDL) was sold to the Bay of Plenty Electricity Consumers Trust. The Statement of Financial Performance, Statement of Movements in Equity, Statement of Cash Flows and the Reconciliation of Operating Surplus contain the pro-rated results of HEDL to the date of sale.

### 3. PERFORMANCE MEASURES AND STATISTICS For the year ending 31 March 2000: PART 4 (Regulations 15 to 22)

### 3.1 Schedule 1 – PART 3: Financial Performance and efficiency measures

Regulation 15: Disclosure by Line Owners of Financial and Efficiency Performance Measures

Regulation 17: Further Requirements about Financial and Efficiency Performance Measures

	Year ended 31 March	2000	1999	1998	1997
1	Financial performance measures				
а	Return on funds	16.69%	13.40%	-	-
b	Return on equity	235.33% <sup>*</sup>	8.76%	-	-
С	Return on investment	9.82%	9.22%	-	-
	Accounting return on total assets	-	-	9.87%	8.11%
	Accounting return on Equity	-	-	8.04%	5.48%
	Accounting rate of profit	-	-	8.07%	5.46%
2	Efficiency performance measures				
а	Direct line costs per kilometre	\$1,173.41	\$1,209.32	\$975.50	\$959.21
b	Indirect line costs per consumer	\$62.92	\$98.07	\$115.35	\$107.52

### **Additional Information**

- \*The treatment of identified intangible in the calculation of ROE for 2000 has been amended by regulation from that used in 1999.
- 2. The following financial performance measures result if the full book value of the line assets purchased from TransAlta and Trustpower (i.e. ODV plus identified intangibles) is included in the financial ratio calculations.

	Year ended 31 March	2000	1999
1	Financial performance measures		
a	Return on funds	11.23%	9.07%
b	Return on equity	13.15%	8.76%
С	Return on investment	6.62%	6.24%

Schedule 1 - PART 7: Derivation of Financial Performance Measures 3.2

					163,090			add 13,475	add 3,600			o ppe	uct 7,920	uct 22,549	add (12,362)		uct 4,418	106,588	$^{ADJ} = a + g - q + d - b - s*t$
	ROI						5-4						0 deduct	deduct	10		8 deduct		OSBIIT <sup>ADJ</sup> r + s + d
							68,431	13,475	3,600			0	7,920				4,418	73,168	- s*t + d
	ROE							add	add			add	deduct				deduct		s + 6 + u =
					163,090			add 13,475	3,600			add 0							$^{3}$ = a + g + s + d NSAT <sup>ADJ</sup>
	ROF							10	10			10							OSBIITADI
ES FROM	Symbol in formula				В		<b>c</b>	6	S			p	s*t	Б	<b>L</b>	Д			
RMANCE MEASURI	Input and Calculations (\$000)	163,926	163,926	836	163,090	68,431	68,431	13,475	3,600	37,545	37,545	0	7,920	22,549	(12,362)	26,328	4,418		
FORM FOR THE DERIVATION OF FINANCIAL PERFORMANCE MEASURES FROM FINANCIAL STATEMENTS	Derivation Table	Operating surplus before interest and income tax from financial statements	Operating surplus before interest and income tax adjusted pursuant to regulation 18 (OSBIT)	Interest on cash, bank balances, and short-term investments (ISTI)	OSBIIT minus ISTI	Net surplus after tax from financial statements	Net surplus after tax adjusted pursuant to regulation 18 (NSAT)	Amortisation of goodwill and amortisation of other intangibles	Subvention payment	Depreciation of SFA at BV (x)	Depreciation of SFA at ODV (y)	ODV depreciation adjustment	Subvention payment tax adjustment	Interest tax shield	Revaluations	Income tax	Income Tax adjustment on amortisation of other intangibles	Numerator	

2 Schedule 1 - PART 7 (Continued)

Derivation Table	Input and Calculations (\$000)	Symbol in formula	ROF	ROE		ROI	
Fixed assets at end of previous financial year (FA.)	1.123.159						
Fixed assets at end of current financial year (FA <sub>1</sub> )	1,059,057						
Adjusted net working capital at end of previous financial year (ANWC <sub>0</sub> )	(3,367)						
Adjusted net working capital at end of current financial year (ANWC <sub>1</sub> )	5,413						
Average total funds employed (ATFE) - Regulation 33 time-weighted average	1,105,961	U	1,105,961				1,105,961
	(or regulation 33 time- weighted average)	33 time- erage)					
Total equity at end of previous financial year (TE <sub>0</sub> )	297,600						
Total equity at end of current financial year (TE1)	552,531						
Average total equity -Regulation 33 time-weighted average		~			586,334		
	(or regulation 33 time- weighted average)	33 time- erage)					
WUC at end of previous financial year (WUC <sub>0</sub> )	22,240						
WUC at end of current financial year (WUC1)	30,244						
Average total works under construction	26,242	a	deduct 26,242	deduct	26,242	deduct	26,242
	(or regulation 33 time- weighted average)	33 time- erage)					
Revaluations	(12,362)	<b>-</b>					
Half of revaluations	(6,181)	r/2				deduct	(6,181)
Intangible assets at end of previous financial year (IA <sub>0</sub> )	533,254						
Intangible assets at end of current financial year $(\mathrm{IA}_1)$	520,427						
Average total intangible asset	526,840	E		deduct	526,840		

.2 Schedule 1 – PART 7 (Continued)

Derivation Table	Input and Calculations (\$000)	Symbol in formula	ROF	ROE		ROI	
Subvention payment at end of previous financial year (5 <sub>0</sub> )	0						
Subvention payment at end of current financial year (S1)	3,600						
Subvention payment tax adjustment at end of previous financial year	0						
Subvention payment tax adjustment at end of current financial year (net tax benefit)	7,920						
Average subvention payment & related tax adjustment	(2,160)	>		ppe	(2,160)		
System fixed assets at end of previous financial year at book value (SFA <sub>bv0</sub> )	1,082,807						
System fixed assets at end of current financial year at book value (SFA <sub>bv1</sub> )	1,005,300						
Average value of system fixed assets at book value - Regulation 33 time-weighted average	1,063,431	Į.	deduct 1,063,431	deduct	1,063,431	deduct	1,063,431
	(or regulation 33 time- weighted average)	33 time- erage)					
System Fixed assets at year beginning at ODV value (SFA <sub>odvo</sub> )	1,082,807						
System Fixed assets at end of current financial year at ODV value (SFAodv1)	1,005,300						
Average value of system fixed assets at ODV value - Regulation 33 time-weighted average	1,063,431	ج	add 1,063,431	add	1,063,431	add	1,063,431
	(or regulation 33 time- weighted average)	33 time-					
Denominator			1,079,719		31,092		1,085,900
			ATFE <sup>AD3</sup> = c - e - f + h	Ave TE <sup>ADJ</sup> = k - e - m	+ v - f + h	ATFE <sup>ADJ</sup> = c - e + h	e - ½r - f
Financial Performance Measure:			16.69		235.33		9.82
			$ROF = OSBIIT^{ADJ}/ATFE^{ADJ} \times 100$	$ROE = NSAT^{ADJ}/ATE^{ADJ} \times 100$		ROI = OSBIIT <sup>ADJ</sup> /ATFE <sup>ADJ</sup> x 100	E <sup>ADJ</sup> × 100

### **3.3 Derivation of Efficiency Performance Measures**

		2000	1999	1998	1997
` '	Direct line costs per kilometre	\$1,173.41	\$1,209.32	\$975.51	\$959.26
	Direct expenditure	\$30,510,198	\$31,883,657	\$12,964,341	\$12,612,173
	System length (kms)	26,001.32	26,364.93	13,289.84	13,147.85

	2000	1999	1998	1997
 Indirect line costs per consumer	\$62.92	\$98.07	\$115.35	\$107.52
Indirect expenditure	\$30,808,606	\$48,337,314	\$25,811,387	\$23,523,322
Total consumers (numbers)	489,656	492,883	223,765	218,772

### 3.4 Schedule 1 – PART 4: Energy Delivery Efficiency Performance Measures

	2000	1999	1998	1997
Load Factor (= [a/bc]*100/1)	58.87%	59.94%	55.70%	58.60%
where -				
a = kWh of electricity entering system				
during the financial year	6,864,048,000	6,681,341,709	3,607,989,950	3,534,634,203
(this figure should be same as the total	for (g) from Sta	itistics)		
b = Maximum Demand	1,327,434	1,272,484	657,584	643,252
c = Total number of hours				
in financial year	8,784	8,760	9,851	9,377

		2000	1999	1998	1997
(b)	Loss Ratio (= a/b*100/1)	4.50%	5.44%	6.20%	6.20%
	where -				
	a = losses in electricity in kWh	309,179,016	363,708,921	223,695,377	219,147,321
	(this figure should be the difference bet Statistics)				
	b = kWh of electricity entering system				
	during the financial year	6,864,048,000	6,681,341,709	3,607,989,950	3,534,634,203

		2000	1999	1998	1997
(c)	Capacity Utilisation (= a/b*100/1)	35.54%	34.03%	39.63%	39.61%
	where -				
	a = Maximum Demand	1,327,434	1,272,484	657,584	643,252
	b = Transformer Capacity	<i>3,735,466</i>	3,739,313	1,659,135	1,624,008

### 3.5 Schedule 1 – PART 4: Energy Efficiency Performance Statistics

Statistics	Nominal Voltage	2000	1999	1998	1997
System Length (Total) (kms)	_				
	110kV	25.00	25.00	25.40	25.30
	66kV	144.00	144.00	143.81	143.81
	50k∨	-	-	_	-
	33kV	1,436.50	1,365.50	772.57	769.35
	22kV	· -	´ -	-	-
	11kV	12,240.00	12,102.50	6,526.15	6,474.38
	6.6kV	· -	· -	· -	-
	3.3kV	-	-	-	-
	230/400 V	11,065.00	10,581.50	5,821.91	5,735.01
	(other)	-	-	-	-
	(other)	-	-	-	-
	(other)	-	-	-	-
	Total	24,910.50	24,218.50	13,289.84	13,147.85

Circuit Length (Overhead)					
(kms)	110kV 66kV	25.00 144.00	25.00 144.00	25.40 143.81	25.30 143.81
	50kV	-	-	-	-
	33kV	1,072.00	1,071.50	680.88	680.74
	22kV	-	-	-	-
	11kV	9,321.50	9,438.00	5,465.13	5,448.74
	6.6kV	-	-	-	-
	3.3kV	-	-	-	-
i	230/400 V	6,313.50	6,017.50	3,809.05	3,796.07
ł	(other)	-	-	-	-
	(other)	-	-	-	-
	(other)	-	-	_	<del>-</del>
	Total	16,876.00	16,696.00	10,124.27	10,094.66

(c) Circuit Length (Underground) (kr	ns)			
110k\	-	-	-	-
66kV	-	-	-	-
50kV	-	-	-	-
33kV	364.50	294.00	91.69	88.61
22kV	, <del>-</del>	-	-	-
11kV	2,918.50	2,664.50	1,061.02	1,025.64
6.6kV	-	-	-	-
3.3kV	-	-	_	-
230/4	4,751.50 V	4,564.00	2,012.86	1,938.94
(othe	r) -	· -	· -	· -
(othe	r) -	_	-	-
(othe	r) -	-	-	-
Total	8,034.50	7,522.50	3,165.57	3,053.19

### 3.5 Schedule 1 - PART 4: Energy Efficiency Performance Statistics - continued

Statistics	Nominal Voltage	2000	1999	1998	1997
Transformer Capacity (kVA)	in kVA	3,735,466	3,739,313	1,659,135	1,624,008
Maximum Demand (kWh)	in kW	1,327,434	1,272,484	657,584	643,252
Total Electricity Supplied from System, after losses of electricity (kWh)	in kWh	6,554,868,984	6,317,632,788	3,384,294,573	3,315,486,8
	Name of reta	iler/generator			
Total amount of electricity conveyed through the system, before losses of electricity, on behalf of each person that is an electricity generator or electricity retailer or both:	TransAlta	4,115,559,838	954,312,486	-	-
500	TrustPower	1,236,430,880	228,008,660	-	-
	First Electric	149,231,368	-	-	-
	Empower	18,695,939	546,385	-	-
	Meridian	17,146,507	-	-	-
	Mighty River	4,396,398		-	-
	Mercury	2,218,739	444,189,000	-	-
	Contact	1,311,841	63,091,832	-	-
	Waikato	896,525	-	-	-
	Bay of Plenty	307,593	-	-	-
	Energy Options	144,289	-	-	-
	Genesis	107,161	- 4 627 404 425	-	-
T. 1 147	Other		4,627,484,425	<del>-</del>	-
In kWh	TOTAL	6,864,048,000	6,317,632,788	-	-
Total number of consumers	Number	479,972	469,953	223,765	218,772

### 3.6 Schedule 1 – PART 5: Reliability Performance Measures

Para

Interruptions	Average Interruption Targets	Interruption targets	Actual Interruptions			
	2001/05	2001	2000	1999	1998	1997
to 3 Class						
Class A			1	5	1	0
Planned Interruptions Class B	828	828	828	1002	645	661
Unplanned Interruptions Class C	920	1,047	1,077	1,402	1,032	1,515
Class D			19	12	5	6
Class E			-	-	-	-
Class F			-	-	-	-
Class G			-	-	-	-
Class H			-	-	-	-
Class I			_	-		-
Tota	1	.1.	1,925	2,421	1,683	2,182

<b>Proportion of Total Class C Interruptions not restored:</b> (= a/b*100/1)	Within 3 Hours	Within 24 Hours
where - a = No. of interruptions not restored within	233	6
b = Total number of Class C interruptions	1,077	1,077
Proportion expressed as a percentage	21.63%	0.56%

### **Schedule 1 - PART 5: Reliability Performance Measures (continued)**

### **Reliability Performance Measures (Schedule 1, Part 5)**

Para

5

Faults		Ave	erage Faults Targets	Faults Targets	Actual number of faul			faults
			2001/05	2001	2000	1999	1998	1997
Faults per 100 circuit kilometres of prescribed voltage electric line	No	Nominal Voltage						
Input faults for	110kV		-	-	-	-	_	3.95
each nominal voltage	66kV		2.78	2.78	6.25	1.47	4.87	0.70
	50kV		-	-	-	-	-	-
	33kV		5.08	5.08	6.96	5.49	8.03	10.10
	22kV		-	-	-	-	-	-
	11kV		10.11	11.32	9.05	11.14	14.19	22.47
	6.6kV		-	-	-	-	-	-
	3.3kV		-	-	-	-	-	-
	230/40	00 V	-	-	-	-	_	-
	Other		-	-	-	-	-	-
	Other		-	_	-	-	_	-
	Other		-	_	-	-	-	-
	1	<u> </u>			8.79	10.47	13.32	20.71

6

### 3.7 Schedule 1 - PART 5 : Reliability Performance Measures (Continued) 3.8

Faults		Actual n	umber o	f faults	
		2000	1999	1998	1997
Faults per 100 circuit kilometres of underground prescribed voltage electric line	Nominal Vo	oltage			
	110kV	-	-		-
	66kV	-	-	-	-
	50kV	-	-	-	-
	33kV	4.66	2.72	2.18	2.27
	22kV	-	-	-	-
•	11kV	5.76	4.95	6.78	6.14
	6.6kV	-	-	-	-
	3.3kV	-	-	_	-
	230/400 V	-	-	_	-
	Other	_	-	-	
	Other	_	-	-	-
	Other	-	-	-	-
	Total	5.63	4.73	6.41	5.83

Faults		Actual n	umber o	f faults	
		2000	1999	1998	1997
Faults per 100 circuit kilometres of overhead prescribed voltage electric line	Nominal Vo	oltage			
	110kV	-	-	_	3.95
	66kV	6.25	3.47	4.87	0.70
	50kV	-	-	-	-
	33kV	7.74	6.25	8.81	11.12
	22kV	-	-	-	_
	11kV	10.08	12.88	15.62	25.55
	6.6kV	-	-	-	-
	3.3kV	-	-	-	-
	230/400 V	-	-	-	-
	Other	-	-	-	-
	Other	-	-	-	-
	Other	-	-	-	-
	Total	9.77	12.06	14.58	23.34

7

### 3.6 Schedule 1 - PART 5: Reliability Performance Measures (Continued)

	SAIDI	Class	Average SAIDI Targets	SAIDI Targets	Actual SAIDI			
			2001/05	2001	2000	1999	1998	1997
	SAIDI for total number of in (= a/b)	terruptions			108.88	179.32	171.19	219.48
	where -							
	a = sum of interruption duration	factors for <u>al</u>	interruptions					
	b = Total consumers					i.		
)	SAIDI Targets (=a/b)							
	Planned Interruptions	- Class B	20	23	]			
	Unplanned Interruptions	Class C	90	98				
	where- Planned Interruptions (pi)	Class B						
	a <sup>pi</sup> = sum of interruption durationall interruptions	1	10,253,780	11,268,965				
	Unplanned Interruptions (ui	1						
	aui = sum of interruption duration all interruptions	on factors for	46,142,010	48,015,590				
	b = Projected total consumers		512,689	489,955				
_	SAIDI for total number of in	ithin each in	erruption					
	class (= a/b)	•						
	class (= a/b)	Class A			0.01	6.50	-	
	class (= a/b)	Class A Class B			0.01 17.18	22.48	- 28.39	23.01
	class (= a/b)	Class B Class C			17.18 80.98	22.48 143.89	28.39 134.25	23.01 164.93
	class (= a/b)	Class B Class C Class D			17.18	22.48	28.39	23.01
	class (= a/b)	Class B Class C Class D Class E			17.18 80.98	22.48 143.89	28.39 134.25	23.01 164.93
	class (= a/b)	Class B Class C Class D Class E Class F			17.18 80.98	22.48 143.89	28.39 134.25	23.01 164.93
	class (= a/b)	Class B Class C Class D Class E Class F Class G			17.18 80.98	22.48 143.89	28.39 134.25	23.01 164.93
	class (= a/b)	Class B Class C Class D Class E Class F			17.18 80.98	22.48 143.89	28.39 134.25	23.01 164.93
	class (= a/b)	Class B Class C Class D Class E Class F Class G Class H	otal of		17.18 80.98	22.48 143.89	28.39 134.25	23.01 164.93
	where - a = sum of interruption duration	Class B Class C Class D Class E Class F Class G Class H Class I  SAIDI for to interruption	otal of is		17.18 80.98 10.71 - - - - - 108.88	22.48 143.89 6.47 - - - - - 179.32	28.39 134.25 8.55 - - - -	23.01 164.93 31.54 - - - -
	where -	Class B Class C Class D Class E Class F Class G Class H Class I  SAIDI for to interruption  factors for all	otal of is		17.18 80.98 10.71 - - - - - 108.88	22.48 143.89 6.47 179.32	28.39 134.25 8.55 - - - - 171.19	23.01 164.93 31.54 - - - 219.48
	where -	Class B Class C Class D Class E Class F Class G Class H Class I  SAIDI for to interruption  factors for all  Class A Class B	otal of is		17.18 80.98 10.71 - - - - - 108.88 ticular interre	22.48 143.89 6.47 179.32  uption class 3,052,862 10,562,925	28.39 134.25 8.55 - - - - 171.19	23.01 164.93 31.54 - - - - 219.48
	where -	Class B Class C Class D Class E Class F Class G Class H Class I  SAIDI for to interruption  factors for all  Class A Class B Class C	otal of is		17.18 80.98 10.71 - - - - - 108.88 ticular interre 6,661 8,244,468 38,866,409	22.48 143.89 6.47 179.32  uption class 3,052,862 10,562,925 67,619,428	28.39 134.25 8.55 - - - - - 171.19	23.01 164.93 31.54 - - - - 219.48
	where -	Class B Class C Class D Class E Class F Class G Class H Class I  SAIDI for to interruption  factors for all  Class A Class B Class C Class D	otal of is		17.18 80.98 10.71 - - - - - 108.88 ticular interre 6,661 8,244,468 38,866,409	22.48 143.89 6.47 179.32  uption class 3,052,862 10,562,925	28.39 134.25 8.55 - - - - 171.19	23.01 164.93 31.54 - - - - 219.48
	where -	Class B Class C Class D Class E Class F Class G Class H Class I  SAIDI for to interruption  Class A Class B Class C Class D Class E	otal of is		17.18 80.98 10.71 - - - - - 108.88 ticular interre 6,661 8,244,468 38,866,409	22.48 143.89 6.47 179.32  uption class 3,052,862 10,562,925 67,619,428	28.39 134.25 8.55 - - - - - 171.19	23.01 164.93 31.54 - - - - 219.48
	where -	Class B Class C Class D Class E Class F Class G Class H Class I  SAIDI for to interruption  factors for all  Class A Class B Class C Class D Class E Class F	otal of is		17.18 80.98 10.71 - - - - - 108.88 ticular interre 6,661 8,244,468 38,866,409	22.48 143.89 6.47 179.32  uption class 3,052,862 10,562,925 67,619,428	28.39 134.25 8.55 - - - - - 171.19	23.01 164.93 31.54 - - - - 219.48
	where -	Class B Class C Class D Class E Class F Class G Class H Class I  SAIDI for to interruption  Class A Class B Class C Class D Class E	otal of is		17.18 80.98 10.71 - - - - - 108.88 ticular interre 6,661 8,244,468 38,866,409	22.48 143.89 6.47 179.32  uption class 3,052,862 10,562,925 67,619,428	28.39 134.25 8.55 - - - - - 171.19	23.01 164.93 31.54 - - - - 219.48
	where -	Class B Class C Class D Class E Class F Class G Class H Class I  SAIDI for to interruption  factors for all  Class A Class B Class C Class D Class E Class F	otal of is		17.18 80.98 10.71 - - - - - 108.88 ticular interre 6,661 8,244,468 38,866,409	22.48 143.89 6.47 179.32  uption class 3,052,862 10,562,925 67,619,428	28.39 134.25 8.55 - - - - - 171.19	23.01 164.93 31.54 - - - - 219.48
	where -	Class B Class C Class D Class E Class F Class G Class H Class I  SAIDI for to interruption  Class A Class B Class C Class D Class E Class F Class G	otal of is		17.18 80.98 10.71 - - - - - 108.88 ticular interre 6,661 8,244,468 38,866,409	22.48 143.89 6.47 179.32  uption class 3,052,862 10,562,925 67,619,428	28.39 134.25 8.55 - - - - - 171.19	23.01 164.93 31.54 - - - - 219.48

### 3.6 Schedule 1 - PART 5 : Reliability Performance Measures (Continued)

Para	SAIFI	Class	Average SAIFI Targets	SAIFI Targets	Actual SAIFI			
			2001/05	2001	2000	1999	1998	1997
12	SAIFI for total number interruptions (= a/b)	of			1.91	2.38	2.90	4.58
	where - a = sum of electricity con	cumors affects	d by each of	those into	runtions			
	a – sam or electricity con		d by each of	those inter	 			
	b = Total consumers							
3, 14	SAIFI Targets (=a/b)							
	Planned Interruptions	Class B	0.16	0.17				
	Unplanned Interruptions	Class C	1.45	1.53				
	where-							
	Planned Interruptions	Class B						
	a = projected number of consumers affected by ea interruptions		82,030	83,292				
	b = Projected total customers		512,689	489,955				
	Unplanned Interruptions	Class C						
	a = projected number of consumers affected by ea interruptions	electricity ich of those	743,399	749,631				
	b = Projected total customers		512689.2	489955				
5	SAIFI for total number class (= a/b)	of interrupti	ons within	each inter	ruption			
	0.000 ( 0,0)	Class A			0.01	0.03	-	-
		Class B			0.11	0.14	0.18	0.17
		Class C			1.53	1.97	2.37	3.29
		Class D			0.26	0.24	0.35	1.12
		Class E			-	-	-	-
		Class F			-	-	-	-
		Class G			-	-	-	-
		Class H			-	-	-	-
		Class I	1		-	-	_	-
		SAIFI for to interruption			1.91	2.38	2.90	4.58
	where -		1	- <del> </del>		<u> </u>		
	a = sum of electricity consumers affected by each of those int interruption class			those inte	rruptions w	ithin that		
		Class A			6,661	16,431	-	-
		Class B			50,470	64,529	40,278	37,191
		Class C			735,852	924,582	530,323	719,760
		Class D			125,680	111,750	78,318	245,025
		Class E			-	-	-	-
		Class F			-	-	-	-
		Class G			-	-	-	-
		Class H			-	-	-	=
		Class I			-	-	-	-
	b = Total consumers				479,972	469,953	223,765	218,772

CAIDI	Class	Average CAIDI Targets	CAIDI Targets	Actual CAI			
•		2001/05	2001	2000	1999	1998	1997
CAIDI for total number of	interruptions (	= a/b)		57	75	59	48
where -	1	1					
a = sum of interruption durat	। ion factors for al	I I interruptions					
b = sum of electricity consum	ors affected by						
CAIDI Targets (=a/b)	lers affected by 6	ach of those interruption	ons 				
CAIDI Targets (-a/b)							
Planned Interruptions	Class B	125	135				
Unplanned Interruptions	Class C	62	64	!			
where-	***************************************						
Planned Interruptions	Class B						
a = sum of interruption durat all interruptions	ion factors for	10,253,780	11,268,965				
b = projected number of elec	tricity	82,030	83,292				
consumers affected by each of interruptions		02,030	03,232				
Unplanned Interruptions	Class C						
a = sum of interruption durat all interruptions	ion factors for	46,142,010	48,015,590				
h		743.200	740.424				
b = projected number of electionsumers affected by each contentions		743,399	749,631				
CAIDI for total number of a/b)	interruptions w	ithin each interruption	on class (=				
a, b,	Class A	I	1	1	186	_	
	Class B			163	164	158	135
	Class C			53	73	57	50
	Class D			41	27	24	28
	Class E						
	Class F			_	_	_	_
	Class G			_	_	_	
	Class H			_	_	_	_
	Class I			_	_		
	<u> </u>	l of interruptions		57	75	59	48
where -		1					
a = sum of interruption durat	ion factors for al	Interruptions			a.		
	Class A			6,661	3,052,862	-	
	Class B			8,244,468	10,562,925	6,352,688	5,033
	Class C			38,866,409	67,619,428	30,040,451	36,082
	Class D			5,140,277	3,038,774	1,913,191	6,900
	Class E			-	-	-	
	Class F			-	-	_	
	Class G			-	_	_	
	Class H			-	_	_	
	Class I			-	_	_	
b = sum of electricity consum	1	। each of those interruptio	I ons within that	interruption	class		
	Class A	1	1	6,661	16,431	-	
	Class B			50,470		ľ	37
	Class C			735,852	1		719
ſ	Class D			125,680	1		245
				123,080	111,/30	78,318	245
	Class E			·	_	·	
	Class F			·	-	] -	
	Class G			·	-	-	
	Class H			· -	_	_	
	Class I			-	-	-	

### 3.7 Schedule 1 - PART 8: Annual Valuation Reconciliation Report

### Year ending 31 March 2000

\$000

System fixed assets at ODV -end of the previous financial year*	1,082,807
Add system fixed assets acquired during the year at ODV	37,363
Less system fixed assets disposed of during the year at ODV	64,963
Less depreciation on system fixed assets at ODV	37,545
Add revaluations of system fixed assets	(12,362)
Equals system fixed assets at ODV-end of the financial year	1,005,300

<sup>\*</sup> As per 1999 disclosure statements

