

## New Zealand Gazette

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# TRANSPOWER NEW ZEALAND LIMITED

INFORMATION FOR DISCLOSURE

PURSUANT TO SECTION 57T OF THE COMMERCE ACT 1986



**PricewaterhouseCoopers** 

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#### REPORT OF THE AUDITORS

## TO THE READERS OF THE FINANCIAL STATEMENTS OF TRANSPOWER NEW ZEALAND LIMITED LINES BUSINESS FOR THE YEAR ENDED 30 JUNE 2005

We have audited the financial statements of Transpower New Zealand Limited Lines Business. The financial statements provide information about the past financial performance of Transpower New Zealand Limited Lines Business and its financial position as at 30 June 2005. This information is stated in accordance with the accounting policies set out in the Statement of Accounting Policies.

#### Directors' responsibilities

The Commerce Commission's Electricity Information Disclosure Requirements 2004 made under section 57T of the Commerce Act 1986 require the Directors to prepare financial statements which give a true and fair view of the financial position of Transpower New Zealand Limited Lines Business as at 30 June 2005, 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 opinior

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 judgements made by the Directors in the preparation of the financial statements; and
- whether the accounting policies are appropriate to Transpower New Zealand Limited Lines Business' 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.

We carried out other assignments for Transpower New Zealand Limited in the areas of taxation compliance and other assurance services, taxation advice and financial advisory services. Other than these assignments and in our capacity as auditor, we have no relationship with or interests in Transpower New Zealand Limited.

#### **Unqualified** opinion

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

#### In our opinion:

- proper accounting records have been kept by Transpower New Zealand Limited Lines Business as far as appears from our examination of those records; and
- the financial statements of Transpower New Zealand Limited Lines Business:
  - (a) comply with generally accepted accounting practice; and
  - (b) give a true and fair view of Transpower New Zealand Limited Lines Business' financial position as at 30 June 2005 and the results of its operations and cash flows for the year ended on that date; and
  - (c) comply with the Electricity Information Disclosure Requirements 2004.

Our audit was completed on 28 November 2005 and our unqualified opinion is expressed as at that date.

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#### AUDITORS OPINION ON THE PERFORMANCE MEASURES OF TRANSPOWER NEW ZEALAND LIMITED LINES BUSINESS

We have examined the attached information, being:

(a) the derivation table; and

(b) the annual ODV reconciliation report; and

(c) financial performance measures; and

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(d) financial components of the efficiency performance measures,

that were prepared by Transpower New Zealand Limited Lines Business and dated 28 November 2005 for the purposes of the Commerce Commission's Electricity Information Disclosure Requirements 2004.

In our opinion, having made all reasonable enquiry, to the best of our knowledge, that information has been prepared in accordance with those Electricity Information Disclosure Requirements 2004.

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#### AUDITORS OPINION ON THE VALUATION REPORT OF TRANSPOWER NEW ZEALAND LIMITED LINES BUSINESS

We have examined the valuation report of Transpower New Zealand Limited Lines Business and dated November 2005, which report contains valuations of system fixed assets as at 30 June 2005.

In our opinion, having made all reasonable enquiry, and to the best of our knowledge, the valuations contained in the report, including the total valuation of system fixed assets of \$1,979,000,000 have been made in accordance with the ODV Handbook.

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## STATEMENT OF FINANCIAL PERFORMANCE FOR THE YEAR ENDED 30 JUNE 2005

		LINES BUSINESS 2005	LINES BUSINESS 2004
	Notes	\$000	\$000
Operating revenue	2	510,681	456,646
Operating expenses	3	310,091	295,381
		200,590	161,265
Net finance costs	5	65,841	67,049
Surplus from operations before tax and revaluation		134,749	94,216
Transfer from asset revaluation reserve	14		(5,477)
Surplus from operations before tax		134,749	88,739
Tax expense	6	43,990	27,430
Operating surplus after tax		90,759	61,309
Net surplus attributable to shareholders		90,759	61,309

## STATEMENT OF MOVEMENTS IN EQUITY FOR THE YEAR ENDED 30 JUNE 2005

	Notes	2005 \$000	2004 \$000
Equity at the beginning of the year		1,008,027	963,461
Net surplus attributable to shareholders	_	90,759	61,309
Total recognised revenue and expenses for the year Dividends paid	16	90,759 (37,927)	61,309 (16,743)
Equity at the end of the year		1,060,859	1,008,027

These statements are to be read in conjunction with the accompanying notes

## STATEMENT OF FINANCIAL POSITION AS AT 30 JUNE 2005

	Notes	LINES BUSINESS LII 2005 \$000	NES BUSINESS 2004 \$000
ASSETS EMPLOYED			
Current assets	7	71,340	77,582
Fixed assets	8	2,071,103	2,086,819
Other long term assets	9	541,710	532,700
Total Assets Employed		2,684,153	2,697,101
FUNDS EMPLOYED			
Liabilities			
Current liabilities	10	202,070	499,589
Long term lease liabilities	11		
Long term debt	12	1,421,224	1,189,485
Total Liabilities		1,623,294	1,689,074
Equity			
Capital	13	1,200,000	1,200,000
Reserves	14	-	-
Accumulated deficit	15	(139,141)	(191,973)
Total Equity		1,060,859	1,008,027
Total Funds Employed		2,684,153	2,697,101

These statements are to be read in conjunction with the accompanying notes

The Board of Directors of Transpower New Zealand Limited authorised these financial statements for issue on 28 November 2005.

For, and on behalf of, the Board

David Fascingue

David Gascoigne Chairman

28 November 2005

Mark Tume Director

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## STATEMENT OF CASH FLOWS FOR THE YEAR ENDED 30 JUNE 2005

	LINES BUSINESS LI 2005 \$000	NES BUSINESS 2004 \$000
CASH FLOW FROM OPERATIONS		
Cash was provided from:		
Receipts from customers	517,487	431,586
Interest received	33,933	39,238
Cash was applied to:		
Payments to suppliers and employees	(190,482)	(172,963)
Tax payments	(49,676)	(18,820)
Interest paid	(104,668)	(112,108)
Net cash inflows from operations	206,594	166,933
CASH FLOW FROM INVESTMENTS		
Cash was provided from:		
Sale of assets	191	453
Short term investments	710,079	569,646
Cash was applied to:		
Purchase of fixed assets	(99,876)	(96,596)
Short term investments	(710,069)	(569,138)
Net cash outflows from investments	(99,675)	(95,635)
CASH FLOW FROM FINANCING		
Cash was provided from:		
Increase in loans	747,796	958,970
Cash was applied to:		
Dividends paid	(37,927)	(16,743)
Repayment of loans	(816,426)	(1,012,051)
Net cash outflows from financing	(106,557)	(69,824)
Net increase/(decrease) in cash held	362	1,474
Opening balance brought forward	722	(752)
Closing net cash carried forward	1,084	722
Closing net cash carried forward comprises:		
Cash and bank	1,084	722
Bank overdraft		-
	1,084	722

#### RECONCILIATION OF "OPERATING SURPLUS AFTER TAX" WITH "NET CASH FLOW FROM OPERATIONS"

	2005 \$000	2004 \$000
Operating surplus after tax	90,759	61,309
Add/(deduct) non-cash items:		
Depreciation	114,401	114,409
Transfer from asset revaluation reserve	-	5,477
Capitalised interest	(3,262)	(2,956)
Movements in working capital items:		
Decrease(increase) in trade and other receivables	8,322	(22,976)
Decrease(increase) in prepayments	(74)	(625)
Decrease(increase) in stocks of materials	4,032	223
(Decrease)increase in trade and other		
liabilities, interest payable and deferred income	(2,043)	(15,715)
(Decrease)increase in taxation payable	(5,686)	8,610
Increase(decrease) in provisions	(5,716)	4,166
Add/(deduct) items classified as investing activities:		
Fixed asset write-offs and loss on sale	5,861	15,011
Net Cash Flow from Operations	206,594	166,933

These statements are to be read in conjunction with the accompanying notes

#### NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 30 JUNE 2005

#### 1. STATEMENT OF ACCOUNTING POLICIES

#### Reporting Entity

These financial statements are for the lines business of Transpower New Zealand Limited Line Business (The Transpower Lines Business).

The financial statements are presented in accordance with the State-Owned Enterprises Act 1986, the Financial Reporting Act 1993 and the Electricity Information Disclosure Requirements 2004.

The Electricity Information Disclosure Handbook has been followed in the preparation of these financial statements.

The avoidable cost allocation methodology (ACAM) is used for allocating costs and assets and liabilities between the Lines business and Other businesses.

#### Measurement Base

The measurement basis is historical cost except as modified by the revaluation of certain assets and investments.

#### **Accounting Policies**

The following accounting policies are applied:

#### (a) Principles of Consolidation

The Transpower Lines Business financial statements are prepared from the financial statements of Transpower and its subsidiaries which undertake lines business activities, as at 30 June 2005. The purchase method is used to consolidate subsidiary companies. All significant transactions between group companies are eliminated on consolidation.

#### (b) Revenue

Revenue shown in the Statement of Financial Performance comprises the amounts received and receivable by the Transpower Lines Business for transmission services. Dividends received and interest income from investments are included within net finance costs.

#### (c) Goods and Services Tax (GST)

The Statement of Financial Performance and the Statement of Cash Flows have been prepared so that all components are stated exclusive of GST. All items in the Statement of Financial Position are stated net of GST with the exception of receivables and payables which include GST invoiced.

#### (d) Current Assets

Receivables are stated at their estimated net realisable value.

Short term investments are recorded at their original cost which is adjusted for the amortisation of premiums and accrual of discounts to maturity.

Stocks of materials are valued at the lower of cost, calculated on the weighted average cost basis and estimated net realisable value.

#### (e) Investments

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

## NOTES TO THE FINANCIAL STATEMENTS continued FOR THE YEAR ENDED 30 JUNE 2005

#### (f) Fixed Assets

#### Historical Cost Measurement

Fixed assets are recorded at cost less accumulated depreciation. In respect of assets acquired prior to 1 July 2003, cost represents the valuation of those assets at 30 June 2003. In respect of assets acquired after 1 July 2003 cost is determined by including all costs directly associated with bringing the fixed assets to their location and condition.

When the carrying amount of an asset is greater that its estimated recoverable amount, it is written down to its recoverable value.

#### Capital Work in Progress

Capital work in progress is recorded at cost. Cost is determined by including all costs directly associated with bringing the fixed assets to their location and condition. Finance costs incurred during the period of time that is required to complete and prepare the fixed asset for its intended use are capitalised as part of the total cost for capital work in progress.

The finance costs capitalised are based on the actual costs directly attributable to the construction of the asset. Where this is not clearly identifiable, Transpower's weighted average cost of capital is used.

Assets are transferred from capital work in progress to fixed assets as they become operational and available for use.

#### (g) Depreciation

Depreciation of fixed assets is calculated using the straight line method to allocate the cost or valuation of the fixed assets over their expected useful lives, after due allowance for their expected residual value. The estimated economic lives are as follows:

 Transmission lines
 35-70 years

 Freehold buildings
 20-25 years

 Substations
 25-55 years

 HVDC
 30 years

 Communications
 10-25 years

 Administration assets
 3-10 years

#### (h) Leased Assets

The Transpower Lines Business leases certain plant, equipment, land and buildings.

Finance leases effectively transfer substantially all of the risks and benefits incidental to the ownership of the leased item to the entity. Assets acquired by means of a finance lease are capitalised at the lower of the fair value of the asset and the present value of the minimum lease payments. Leased assets are depreciated over their economic lives. A corresponding liability is also established at the inception of each lease and each lease payment is allocated between the liability and finance costs.

Under operating leases all the risks and benefits of ownership are effectively retained by the lessor. Operating lease payments are representative of the pattern of benefits derived from the leased assets and are accordingly recognised in the Statement of Financial Performance as expenses, in the period in which they are incurred.

#### NOTES TO THE FINANCIAL STATEMENTS continued FOR THE YEAR ENDED 30 JUNE 2005

#### (i) Statement of Cash Flows

The following are the definitions of the terms used in the Statement of Cash Flows:

- Cash and bank means coins, notes and demand deposits. Cash includes liabilities which are the negative form of the above, such as the bank overdraft.
- Operations comprise the transmission of bulk electricity, and the related support, maintenance, administration and interest costs.
- (iii) Investments comprise the purchase, holding and disposal of fixed assets and investments. Capitalised interest on capital work in progress is also included in investing activities.
- (iv) Financing include changes in equity, borrowings and dividends paid on equity. Cash flows arising from short term loans are disclosed as a net cash movement due to the volume of transactions involved.

#### (j) Taxation

The Transpower Lines Business follows the liability method of accounting for deferred tax applied on a partial basis.

The tax expense charged against the surplus for the year is the estimated liability in respect of that surplus after allowance for permanent differences plus any adjustments arising from prior years.

The partial basis considers the cumulative income tax effect of all timing differences. The income tax effect of timing differences is only recognised as deferred tax for those timing differences that can be expected to reverse in the foreseeable future.

Timing differences that are not recognised in the Statement of Financial Position are disclosed in the Deferred tax liability memorandum account in Note 6.

Future tax benefits attributable to losses carried forward are recognised in the financial statements only where there is virtual certainty that the benefit of the losses will be utilised.

#### (k) Foreign Currencies

Transactions denominated in a foreign currency are converted at the exchange rate at the date of the transaction. Monetary assets and liabilities at balance date are translated at exchange rates current at balance date. Where transactions are hedged they are translated at the hedge rate.

Gains and losses due to currency fluctuations on foreign currency receivables and payables are included in the Statement of Financial Performance.

Exchange differences and associated costs on hedging transactions undertaken to establish the price of a particular purchase are deferred and are included in the measurement of the purchase transaction as at the transaction date.

## NOTES TO THE FINANCIAL STATEMENTS continued FOR THE YEAR ENDED 30 JUNE 2005

#### (I) Financial Instruments

Derivative financial instruments including foreign exchange contracts, forward rate agreements, foreign exchange options, cross currency interest rate swaps, interest rate swaps and interest rate options which are entered into for the purpose of reducing exposure to fluctuations in interest rates and foreign exchange rates. While these financial instruments are subject to the risk that market rates will change subsequent to acquisition, such changes would generally be offset by an opposite effect on the items being hedged.

For interest rate swaps, the differential to be paid or received is accrued as interest rates change and is recognised as a component of interest and expensed over the life of the swap. Premiums paid on interest rate options are amortised over the period to maturity. The settlement cash flows on the maturity of forward rate agreements are amortised over the period of the underlying asset or liability that the financial instrument is hedging.

Foreign exchange contracts and cross currency interest rate swaps entered into as hedges of foreign currency assets and liabilities are valued at exchange rates prevailing at balance date. Any unrealised gains and losses are offset against foreign currency gains or losses on the related asset or liability.

Additional information about financial instruments to which the Transpower Lines Business is a party is provided in Note 21.

#### (m) Reclassifications

Certain reclassifications of prior year balances have been made to conform with current year classifications.

In the current year the Lines Business has recorded a funding arrangement entered into in 2002 on a gross basis rather than the net basis presented in prior years, refer Note 12 for further details.

#### Changes in Accounting Policies

There has been no change in accounting policies during the year.

#### The Impacts of Adopting New Zealand Equivalents to International Financial Reporting Standards (NZ IFRS)

In December 2002 the Accounting Standards Review Board announced that New Zealand entities required to comply with NZ Generally Accepted Accounting Practice under the Financial Reporting Act 1993 would be required to apply IFRS. The new standards are able to be applied for periods beginning on or after 1 January 2005. Mandatory application of the new standards is required for periods beginning on or after 1 January 2007.

Transpower has elected to adopt NZ IFRS for the financial year beginning 1 July 2007 with comparatives required to be restated on initial adoption.

Transpower has established a project, monitored by a steering committee to achieve transition to NZ IFRS reporting. The implementation project consists of three phases:

#### (i) Assessment and Planning

The assessment and planning phase aims to produce a high level overview on the impacts of conversion to NZ IFRS with respect to existing accounting and reporting policies, procedures, systems and processes, business structures and staff.

#### (ii) Design Phase

The design phase aims to formulate the changes identified from the assessment and planning phase, specifically:

- \* Formulating revised accounting policies and procedures
- \* Formulating revised accounting and business processes
- \* Developing NZ IFRS disclosures
- \* Identifying and planning required changes to financial reporting and business source systems
- \* Developing training programs for staff

#### (iii) Implementation Phase

The implementation phase aims to implement the changes identified in the design phase.

Transpower is currently in the Assessment and Planning phase. Initial significant impacts are currently being identified. No reliable estimates are available yet.

2. OPERATING REVENUE

#### TRANSPOWER NEW ZEALAND LIMITED LINES BUSINESS

## NOTES TO THE FINANCIAL STATEMENTS continued FOR THE YEAR ENDED 30 JUNE 2005

2.	OPERATING REVENUE	LINES BUSINESS 2005 \$000	LINES BUSINESS 2004 \$000
	Transmission services revenue	509,417	455,416
	Other revenue	1,264	1,230
	Total operating revenue	510,681	456,646
	Transmission services revenue consists of charges for the transmission of electricity from the point of generation to the point of supply.		
	Electricity regulations additional disclosures:		
	Revenue provided to Lines Business from Other Transpower Businesses	75	71
	Revenue - AC loss rental rebates Expense - AC loss rental rebates	58,690 (58,690)	55,240 (55,240)
	AC loss rental rebates not passed through to customers	-	-
3.	OPERATING EXPENSES		
		2005 \$000	
	Business support costs	39,026	39,531
	Asset operation and maintenance costs	155,981	134,120
	Charges in respect of assets: Depreciation - Buildings	2,540	2,737
	Depreciation - Substations	36,107	35,491
	Depreciation - HVDC	24,379	23,853
	Depreciation - Communication assets Depreciation - Administration assets	7,853	7,741
	Depreciation - Transmission lines	11,345 32,177	13,282 31,305
	Stock and asset write-offs	5,861	16,266
	Charges in respect of receivables:	•	•
	Bad debts written off	-	-
	Movement in the provision for doubtful debts	(10,000)	(8,251)
	Provision for industry related costs Directors' fees	(10,000) 306	(5,000) 297
	Study grants and donations	840	940
	Lease and rental costs	3,676	3,069
	Total operating expenses	310,091	295,381
	Net loss on the disposal of assets included in stock and asset write-offs:	5.004	45.044
	Net loss on the disposal of assets	5,86 <u>1</u> 5,861	15,011 15,011
	Electricity regulations additional disclosures: Employee salaries and redundancies	36,878	30,413
	Human resource expenses	5,692	3,150
	Marketing / advertising expenses	556	571
	Legal and consultancy expenses (including industry reform)  Corporate and administration expenses	7,574	9,357
	Transfer payments to "Other Transpower Businesses"	19,326	22,815
	Payment for metering data	1,333	1,242
	Payment for insurance Total transfer payments to "Other Transpower Businesses"	10,595 11,928	11,314 12,556
	Local authority rates expense	1,864	1,385
	Consumer billing and information system expense	1,132	734
	Depreciation of system assets	101,026	97,799
	Depreciation of other assets	13,375	16,610
	Total depreciation	114,401	114,409
	Bad debts written off	_	
	Movement in the provision for doubtful debts	-	(8,251)
	Total cost of offering credit	-	(8,251)

#### NOTES TO THE FINANCIAL STATEMENTS continued FOR THE YEAR ENDED 30 JUNE 2005

4.	REMUNERATION OF AUDITORS	LINES BUSINESS LINES	
	Fees paid or payable to the auditors	2005 \$000	2004 \$000
	As auditor of Transpower and Transpower subsidiaries	183	265
	For other services		
	Reporting engagements other than the annual report	146	216
	Assistance to internal audit function	157	329
	Other assurance-oriented assignments	268	254
	Other	250	216
		1,004	1,280

inted to PricewaterhouseCoopers relate to work that PricewaterhouseCoopers carried out up to 28 January 2005.

Fees paid or payable to Ernst & Young As auditor of Transpower and Transpower subsidiaries For other services	183	-
Reporting engagements other than the annual report	-	_
Assistance to internal audit function	-	-
Other assurance-oriented assignments	-	-
Other		-
	183	-
Fees paid or payable to PricewaterhouseCoopers As auditor of Transpower and Transpower subsidiaries For other services	-	265
Reporting Engagements other than the annual report	146	216
Assistance to Internal Audit function	157	329
Other Assurance-oriented assignments	268	254
Other	250	216
	821	1,280

#### 5. NET FINANCE COSTS

Total expenses including net financing costs

Finance costs Capitalised interest Interest received Net finance costs	103,036 (3,262) (33,933) 65,841	109,243 (2,956) (39,238) 67,049
Total operating expenses Net finance costs	310,091 65,841	295,381 67,049

#### NOTES TO THE FINANCIAL STATEMENTS continued FOR THE YEAR ENDED 30 JUNE 2005

6	т	۸v	AT	ION

	2005 \$000	
Operating surplus before tax	134,749	88,739
Prima facie tax at 33%	44,467	29,284
Tax effect of:	•	·
Timing differences not recognised		
- current period excluding revaluation adjustment	(3,078)	(5,154)
- current period revaluation adjustment	•	1,807
Permanent differences	-	(440)
Income tax charge in respect of		
the current year	41,389	25,497
Under / (over) provision in prior years	2,601	1,933
Tax expense	43,990	27,430
The income tax charge is represented by:		
Tax payable in the current year	42.652	26,897
Deferred tax	1,338	533
	43,990	27,430
Deferred tax asset		
Balance at the beginning of the year	1,338	1,871
Increase in deferred tax asset	(1,338)	(533)
Balance at the end of the year	- (1,000)	1,338
Deferred tax liability memorandum account		
Balance at the beginning of the year	151,394	148.047
Increase (reduction) in deferred tax liability	3,078	3,347
Balance at the end of the year	154,472	151,394
These timing differences predominantly relate to depreciation and are not recognised in the financial statements.		
Imputation credit memorandum account		
Balance at the beginning of the year	78,635	54,419
Tax payments made	52,990	32,354
Imputation credits attached to dividends		
paid to shareholders	(18,680)	(8,138)
Balance at the end of the year	112,945	78,635

#### 7.

CURRENT ASSETS	LINES BUSINESS LINE	S BUSINESS
	2005 \$000	2004 \$000
	4000	\$000
Cash and bank	1,084	722
Short term investments	-	10
Trade receivables	52,341	59,012
Provision for current tax	7,465	441
Deferred tax	-	1,338
Other receivables	1,181	2,832
Stocks of materials	6,838	10,870
Prepayments	2,431	2,357
Total current assets	71,340	77,582
Reconciliation of provision for current tax:		
Balance at the beginning of the year	(441)	(8,518)
Tax payable in the current year (refer Note 6)	42,652	26,897
Provisional tax (payments) refunds made during the year	(49,676)	(18,820)
Balance at the end of the year	(7,465)	(441)

## NOTES TO THE FINANCIAL STATEMENTS continued FOR THE YEAR ENDED 30 JUNE 2005

8.	FIXED ASSETS	Cost	Accumulated Depreciation	Net Book Value	Net Book Value
		2005	2005	2005	2004
		\$000	\$000	\$000	\$000
	Transmission lines	826,612	63,328	763,284	778,547
	Freehold land	54,008	-	54,008	52,997
	Freehold buildings	46,484	5,227	41,257	42,127
	Substations	859,529	61,549	797,980	786,320
	HVDC	282,440	48,223	234,217	258,707
	Communications	51,219	7,713	43,506	47,010
	Administration assets	39,504	18,603	20,901	23,241
	Capital work in progress	115,950	•	115,950	97,870
	Total fixed assets	2,275,746	204,643	2,071,103	2,086,819

Administration assets include plant, equipment, furniture and motor vehicles.

Capital work in progress comprises the following asset classes:		LINES BUSINESS
Transmission lines	38,243	· ·
Freehold land	4,095	•
Freehold buildings	1,117	
Substations	53,617	•
HVDC	3,336	
Communications	4,496	5,568
Administration assets	11,046	
	115,950	97,870
During the year the following borrowing costs were capitalised:		
Transmission lines	1,076	624
Freehold land	115	20
Freehold buildings	31	10
Substations	1,508	1,655
HVDC	94	46
Communications	126	100
Administration assets	322	491
	3,272	2,946
Electricity regulations additional disclosures:		
Motor vehicles	739	752
Office equipment	1,469	822
Customer billing and information assets	-	-

Transpower lines business system fixed assets have a value in these financial statements of \$1,899 million (2004: \$1,919 million).

#### 9. OTHER LONG TERM ASSETS

	2005 \$000	2004 \$000
Structured financing transaction assets	532,700	532,700
Trade receivables greater than one year	9,010	-
·	541,710	532,700

The structured financing transaction assets are discussed in Note 12.

## NOTES TO THE FINANCIAL STATEMENTS continued FOR THE YEAR ENDED 30 JUNE 2005

#### 10. CURRENT LIABILITIES

	LINES BUSINESS LINES BUSINESS	
	2005	2004
	\$000	\$000
Bank overdrafts	<u>.</u>	_
Trade creditors	15,279	14,475
Interest payable	9,754	11,386
Employee entitlements	7,418	7,092
Other creditors and provisions	26,542	32,258
Short term debt	34,720	12,432
Current portion of long term debt	95,392	407,440
Current portion of lease liabilities	•	
Deferred income	12,965	14,506
Total current liabilities	202,070	499,589

#### 11. LONG TERM LEASE LIABILITIES

	_	
Later than five years		
Two to five years	-	-
One to two years	•	-
Long term lease liabilities payable:		

The HVDC converter plants at the Haywards and Benmore substations were previously leased to a subsidiary company Haywards Limited, by ECNZ. The equipment was then sub-leased by Haywards Limited to Transpower. The head lease arrangement was renegotiated in the year ended 30 June 1997 with a third party and became subject to a cross border lease.

The submarine cables are subject to a cross border lease arrangement entered into by Oteranga Bay Limited in the period ended 30 June 1996.

The majority of the AC transmission assets in the South Island are subject to a cross border lease arrangement entered into by Halfway Bush Finance Limited and TB and T Limited in the period ended 30 June 2004.

The Transpower Lines Business does not recognise a lease liability with respect to these cross border leases as all obligations have been prepaid to the respective lessors for all rental payments in respect of the primary period.

#### NOTES TO THE FINANCIAL STATEMENTS continued FOR THE YEAR ENDED 30 JUNE 2005

#### 12. LONG TERM DEBT

LONG TERM DEBT	LINES BUSINESS LIN 2005 \$000	ES BUSINESS 2004 \$000
The following loan arrangements included within long term debt have a face value as follows:		
Bonds	400,000	435,000
Euro Medium Term Notes	183,903	183,905
US Private Placement	164,474	-
Structured financing transaction liability	732,700	732,700
Other	1,502	222,439
	1,482,579	1,574,044
Less unamortised discount	(2,323)	(2,870)
	1,480,256	1,571,174
Less current portion of long term debt	(95,392)	(407,440)
•	1,384,864	1,163,734
Between one to two years	105,694	95,393
Between two to five years	768,302	872,315
Greater than five years	510,868	196,026
Long term debt	1,384,864	1,163,734
Add debt allocated (to) from non-lines businesses*	36,360	25,751
Total Long Term Debt	1,421,224	1,189,485

<sup>\*</sup>These financial statements have been prepared by adjusting the Transpower Group financial statements for non lines business items included in those financial statements

The nature of security provided against amounts borrowed is as follows:

#### Bonds

Bonds are issued under a trust deed dated 6 April 1995 between Transpower, the Initial Guaranteeing Subsidiaries (including Transpower Finance Limited) and The New Zealand Guardian Trust Company Limited. The trust deed has been amended on various occasions to incorporate new subsidiaries into the Guaranteeing Group.

Pursuant to the trust deed, Transpower and its fellow subsidiaries excluding Risk Reinsurance Limited, Benmore Finance and Bunnythorpe Holdings (the "Guaranteeing Group") have given a negative pledge that while any of the stock issued under the trust deed remains outstanding they will not, subject to certain exceptions, create or permit to exist any charge or lien over any of their respective assets.

Each member of the Guaranteeing Group has guaranteed all amounts payable on redemption or repayment of the Bonds and the payment of interest during the term of the Bonds.

#### **Euro Medium Term Notes**

Under the Euro Medium Term Note programme Transpower Finance Limited may from time to time issue notes guaranteed by Transpower. The aggregate principal amount of the notes outstanding will not at any time exceed US\$1,000,000,000 (NZ\$1,427,348,000) as at June 2005, US\$1,000,000,000 (NZ\$1,584,786,000) as at 30 June 2004 or equivalent in other currencies. The Guarantor (Transpower) and Transpower Finance Limited have given a negative pledge and guarantee payment of all principal and interest amounts.

#### Australian Medium Term Notes

Under the Australian Medium Term Note programme, Transpower Finance Limited may issue notes guaranteed by Transpower New Zealand Limited. The aggregate principal amount of the notes outstanding may not exceed AU\$750,000,000 (NZ\$817,389,000). There were no Australian Medium Term notes outstanding as at 30 June 2005 (2004: nil).

#### **US Private Placement**

Bonds are issued by Transpower Finance Limited under a Note and Guarantee Agreement dated 27 September 2004. The bonds are guaranteed by Transpower (the "Guarantor"), Fighting Bay Finance Limited, Haywards Limited, Oteranga Bay Limited, Omaka Training Limited, Energy Market Services Limited, Aratiatia Holdings Limited, Halfway Bush Finance Limited and TB and T Limited (the "Subsidiary Guarantors"). The Guarantor and Subsidiary Guarantors have unconditionally guaranteed payment of the principal, interest and other amounts owing under the Agreement.

## NOTES TO THE FINANCIAL STATEMENTS continued FOR THE YEAR ENDED 30 JUNE 2005

#### 12. LONG TERM DEBT continued

#### Structured Financing Transaction

In 2002, Transpower entered into a transaction which raised gross funds of \$732,700,000 of which \$532,700,000 was on-lent to financial institutions. In prior years, the transaction was recorded in the Transpower Group and in the Lines Business on a net basis. In the current year, the auditor recently appointed by the Auditor-General has reviewed the accounting treatment of this transaction and has concluded that it should be shown gross for the purposes of the Transpower Group financial statements. That treatment is reflected in these financial statements. Prior year comparatives have, in consequence, been changed to conform to the current year presentation. Related additional interest expense and interest income of \$33,616,000 have been recorded in the Statement of Financial Performance and the Statement of Cash Flows. It is important to note that these adjustments do not in any way change the economic substance of the transaction, which is that there is a net obligation of \$200,000,000. In addition, the previously reported total equity and the net surplus both remain unchanged.

#### 13. CAPITAL

Transpower's share capital consists of 1,200,000,000 (2004: 1,200,000,000) issued and fully paid ordinary shares which confer on the holders the right to vote at any annual general meeting of Transpower. All ordinary shares rank equally.

#### 14. RESERVES

2005 \$000	2004 \$000
\$000	\$000
-	=
-	(5,477)
-	-
-	5,477
-	-
	-
	- - - - -

<sup>\*</sup>Transpower's fixed assets were written down in previous years through the Statement of Financial Performance. Subsequent revaluations have not recovered this previous write down, hence such revaluations and any further devaluations are taken directly to the Statement of Financial Performance.

#### 15. ACCUMULATED DEFICIT

Interim dividend paid

Balance at the beginning of the year	(191,973)	(236,539)
Operating surplus after tax	90,759	61,309
Accumulated deficit before dividends paid	(101,214)	(175,230)
Dividends paid	(37,927)	(16,743)
Balance at the end of the year	(139,141)	(191,973)
16. DIVIDENDS TO THE SHAREHOLDER		
	37.927	16.743

37.927

16,743

Subsequent to balance date, the directors have declared a final dividend payable of \$10,000,000 for the Transpower Group. Calculating the Transpower Lines Business dividend on the same basis, this would amount to \$6,414,000.

## NOTES TO THE FINANCIAL STATEMENTS continued FOR THE YEAR ENDED 30 JUNE 2005

17. CAPITAL COMMITMENTS	LINES BUSINESS LINES BUSINES BUSINES		
Capital commitments in respect of	\$000	\$000	
contracts for capital expenditure:			
Within one year	13,589	4,166	
One to two years	2,412	614	
Two to five years		<u> </u>	
Total capital commitments	16,001	4,780	
18. OPERATING LEASE COMMITMENTS			
Commitments in respect of non-cancellable			
operating leases payable:			
Within one year	3,196	2,673	
One to two years	3,104	2,488	
Two to five years	8,784	7,308	
Later than five years	12,852	14,585	
Total operating lease commitments	27,936	27,054	

#### 19. CONTINGENT LIABILITIES

#### (i) Guarantees

#### **Cross Border Lease**

Transpower has entered into three cross border leases in respect of certain HVDC converter stations, the submarine cables and the majority of the AC transmission assets in the South Island. The nature of these transactions is described in Note 11.

Transpower has given guarantees and certain undertakings in accordance with a limited guarantee dated 24 October 1996 in respect of certain HVDC converter stations, a limited guarantee dated 31 May 1996 in respect of the submarine cables and a limited guarantee dated 22 December 2003 in respect of the South Island AC assets.

The likelihood of losses in respect of these matters is considered to be remote.

#### Debt

Transpower has provided guarantees in respect of loan arrangements for the Bonds, Euro medium term notes and Australian medium term notes as described in Note 12.

The maximum exposure under each of these guarantees is as follows:

Bonds	397,681	439,134
Euro Medium Term Notes	183,178	125,401
Australian Medium Term Notes	-	-
US Private Placement	164,474	-

The likelihood of losses in respect of these matters is considered to be remote.

#### (ii) Todd Energy and Kiwi Co-operative Dairies Claim

Todd Energy Limited (Todd) and Kiwi Co-operative Dairies Limited have commenced a claim against both Transpower and Powerco Limited alleging breaches of the Commerce Act 1986. Kiwi Co-operative Diaries Limited has since withdrawn from the proceedings. Todd is seeking declarations, injunctions and damages in an amount that it has indicated it will quantify two months before trial (plus interest and costs). Transpower has filed a statement of defence and believes that it has not breached the Commerce Act in any respect. Transpower applied to the High Court for summary judgement and strikeout against Todd on the grounds that there is no arguable basis for Todd's claim. The High Court struck out one of Todd's causes of action against Transpower in April 2005. Transpower is appealing the High Court decision (in respect of the remaining two causes of action that were not struck out) to the Court of Appeal (and Todd has cross-appealed).

#### (iii) Various other lawsuits, claims and investigations

Various other lawsuits, claims and investigations have been brought or are pending against Transpower. The Directors of Transpower cannot reasonably estimate the adverse effect (if any) on Transpower if any of the foregoing claims are ultimately resolved against Transpower's interests.

## NOTES TO THE FINANCIAL STATEMENTS continued FOR THE YEAR ENDED 30 JUNE 2005

#### 19. CONTINGENT LIABILITIES continued

#### (iv) Economic Gain (Loss) Account

In the current regulatory environment, Transpower operates its revenue setting methodology within an Economic Value ("EV") framework that analyses economic gains and losses between those attributable to shareholders and those attributable to customers. The balance of the accumulated gain (loss) from monopoly activities attributable to customers ("the EV balance") has been, at Directors' discretion, passed on to customers over time. Any such transfer to customers would occur after consideration by Directors of the balance of this account.

Under the new regulatory regime the Electricity Commission will be required to determine transmission pricing. Also, the Commerce Commission sets revenue thresholds for Transpower. The balance of the EV account at 30 June 2005 was \$98,740,000 to the credit of the customer.

#### (v) Industry Related Costs

There is a possibility that Transpower will incur future liabilities in relation to certain industry related costs. Directors believe that further disclosure of the details of these costs could adversely influence Transpower's position in its negotiations with third parties. As a result, disclosure is limited in accordance with section 11.13 of FRS-15.

#### 20. SEGMENTAL INFORMATION

The Transpower Lines Business operates predominantly in one industry, the transmission of high voltage electricity. Transpower's operations are carried out in New Zealand and are therefore within one geographical segment for reporting purposes.

#### 21. FINANCIAL INSTRUMENTS

#### (a) Financial risks

The Transpower Group is subject to a number of financial risks which arise as a result of having a debt portfolio of \$1,551,336,000 as at 30 June 2005 (2004: \$1,609,357,000) denominated in both New Zealand dollars and foreign currency, making purchases from foreign suppliers and having contractual agreements with customers. These financial risks comprise:

#### Interest rate risk

Interest rate risk is the risk of adverse impact on the present and future finance costs of the Group arising from the interaction of interest rate movements with the Transpower Group's debt portfolio.

#### Currency risk

Currency risk is the risk of adverse impact of exchange rate movements, which determine the New Zealand dollar cost of foreign denominated expenditures and the New Zealand dollar value of debt issued in foreign currencies.

#### Credit risk

Credit risk is the risk of adverse impact on the Transpower Group through the failure of a third party bank, financial institution or customer to meet its financial obligations. Financial instruments which subject the Transpower Group to credit risk include bank balances, receivables, investments, interest rate swaps, cross currency interest rate swaps, interest rate options, forward rate agreements, foreign exchange and forward contracts.

#### Liquidity risk

Liquidity risk is the risk of adverse impact on the Transpower Group arising from the Group's inability to meet its monetary obligations in an orderly manner. This might result from the Group not maintaining adequate funding facilities or being unable to renew or replace existing facilities when they mature.

To manage and limit the effect of these financial risks the Transpower Board of Directors has approved policy guidelines and authorised the use of various financial instruments. The policy adopted by the Board prohibits the use of financial instruments for speculative purposes. All off balance sheet financial instruments must be directly related to underlying physical debt or firm capital commitments on Board approved projects.

#### NOTES TO THE FINANCIAL STATEMENTS continued FOR THE YEAR ENDED 30 JUNE 2005

#### 21. FINANCIAL INSTRUMENTS continued

#### (b) Risk management policies

The key risk management policies are as follows:

#### Interest rate risk management policy

The Group's policy sets annual minimum and maximum hedging parameters expressed as a percentage of forecast debt out to 10 years. This policy ensures that the Group's costs of funds will be reasonably predictable from year to year.

#### Currency risk management policy

The Transpower Group's policy is to hedge all material foreign currency denominated purchases. Foreign currency borrowings are hedged into New Zealand dollars at the time of commitment to drawdown by the Transpower Group. Currency risk is eliminated using cross currency interest rate swaps.

#### Credit risk management policy

The Transpower Group's credit policy is to establish credit limits with counterparties that are either a bank, a financial institution or special purpose derivative products company. These net credit limits are not to exceed 20 per cent of Transpower Group shareholders' funds or 15 per cent of the shareholders' funds of the counterparty as shown in the most current annual report. If the counterparty is a New Zealand Corporate, the credit limit is not to exceed NZ\$40,000,000.

In addition, the counterparty must have a minimum long term credit rating of A or above by Standard & Poor's, or Moody's equivalent.

Credit limits are monitored on a daily basis.

The concentration of credit risk with respect to trade receivables is high due to the small number of customers comprising the Group's customer base. It is the Group's policy to perform credit evaluations on customers requiring credit and the Group may in some circumstances require collateral. No collateral is held at 30 June 2005 (30 June 2004: nil).

#### Liquidity risk policy

To ensure the Group has adequate funding facilities in place to support future operations, the Group's liquidity policy requires the Group to have access to committed debt facilities (i.e. guaranteed funds) that exceed the peak cumulative anticipated financing and operating cash flow requirements excluding long term debt over the next six months by 20 per cent. To smooth the Group's refinancing requirements in future periods, committed debt facilities maturing in any 12 month period are not to exceed NZ\$350,000,000. No more than 50% of debt facilities can mature within the next three years and at least 20% of debt facilities must mature after five years.

#### c) Financial instruments which manage currency, interest rate and liquidity risk

The Directors have authorised the use of the following financial instruments to manage currency risk, interest rate risk and liquidity risk:

#### On Balance Sheet financial assets and liabilities

#### Term debt

The Transpower Group has five active debt facilities; a European Commercial Paper programme, a Euro Medium Term Note programme, a Domestic Medium Term Note programme, an Australian Medium Term Note programme and a Domestic Multi-option Facility. The Group uses these facilities to issue debt securities into different global debt markets.

In the event the Transpower Group is unable to use these facilities the Group has established a Standby Facility for NZ\$250,000,000 which was not in use at 30 June 2005 or 30 June 2004.

#### Term investments

The Transpower Group from time to time invests surplus cash arising from its core operations and from active liquidity management in wholesale bank deposits and securities for periods of up to one year.

#### Off Balance Sheet financial assets and liabilities

#### Interest rate swaps

Interest rate swaps are used to change the interest rate structure on physical debt issued by the Group. The interest rate on debt is either converted from floating rate to fixed rate or vice versa through entering into an interest rate swap. In the normal course of the Group's hedging activities interest rate swaps are entered into for periods of up to ten years.

#### NOTES TO THE FINANCIAL STATEMENTS continued FOR THE YEAR ENDED 30 JUNE 2005

#### 21. FINANCIAL INSTRUMENTS continued

The notional gross contract amounts of interest rate swaps outstanding at balance date are:

LINES BUSINESS LINES BUSINESS

2005 2004 \$000 \$000

Interest rate swaps 1,877,500 3,650,380

#### Cross currency interest rate swaps

Cross currency interest rate swaps are used to convert foreign currency denominated debt issued by the Group into New Zealand dollar denominated debt. Cross currency interest rate swap contracts eliminate foreign currency risk on the underlying debt by determining the New Zealand dollar equivalent of the interest payments and final principal exchange at the time of entering into the contract.

The principal amounts of cross currency interest rate swaps outstanding at balance date are:

Cross currency interest rate swaps

 Principal receivable
 369,194
 251,253

 Principal payable
 (438,773)
 (281,414)

#### Forward rate agreements

Forward rate agreements are used to fix interest rates on the underlying debt for periods commencing in the future. In the normal course of business the Group enters into forward rate agreements to fix interest rates on floating rate debt for intervals of three months.

The notional contract amounts of forward rate agreements outstanding at balance date are:

Forward rate agreements - -

#### Interest rate options

The Group enters into interest rate options to manage interest rate repricing risk.

The Group purchases interest rate options to minimise the impact on finance costs arising from floating rate debt if interest rates were to rise in the future. In the normal course of interest rate management, the sale of interest rate options is restricted by the requirement to simultaneously purchase an interest rate option.

The notional contract amounts of interest rate options outstanding at balance date are:

Interest rate options - - -

#### Foreign exchange forward contracts

The Transpower Group uses foreign exchange forward contracts to fix the New Zealand dollar cost of foreign denominated capital equipment and stock purchases.

The contract amount of forward foreign exchange contracts outstanding at balance date are:

Forward foreign exchange contracts 7,073 5,000

## NOTES TO THE FINANCIAL STATEMENTS continued FOR THE YEAR ENDED 30 JUNE 2005

#### 21. FINANCIAL INSTRUMENTS continued

#### (d) Maximum credit risk exposure

The maximum credit exposure in respect of on balance sheet assets is best represented by their carrying value. For other financial instruments the maximum credit exposure is best represented by the net marked to market valuation by counterparty where the valuation is positive, as follows:

	LINES BUSINESS	<b>LINES BUSINESS</b>	
	2005	2004	
	\$000	\$000	
Interest rate swaps	179	4,333	
Cross currency interest rate swaps	3,754	4,395	
Foreign exchange forward contracts	170	-	

The credit risk arising from the use of derivative products is minimised by the netting and set-off provisions of the documentation and the application of applicable law. The Group further manages this risk by only entering into transactions with counterparties that fall within the Group's credit risk management policy as outlined in section (b) Risk management policies, of this note

#### (e) Carrying value and fair value

#### Carrying value

For off balance sheet financial instruments the carrying value in the Carrying/Fair Value table below is taken from the other receivables and other liabilities categories in the Statement of Financial Position as appropriate. The carrying values represent the results of accounting for these instruments, as described in the Statement of Accounting Policies. The unrealised foreign currency gains and losses on cross currency interest rate swaps are included in the carrying value of debt.

#### Fair value

Fair value represents the amount which would, in the course of the normal operation of the financial markets, extinguish all current and future contractual obligations arising in respect of a particular financial instrument.

The fair value for short term investments, debt, cross currency interest rate swaps, foreign exchange forward contracts, interest rate swaps, forward rate agreements, interest rate options and foreign currency options is determined using the current market rates at balance date. For those debt instruments where there is no quoted market rate at balance date the fair value is based on the current market rate of a financial instrument with a similar maturity.

For cash and bank, trade receivables/creditors, other receivables, other liabilities, investments and investments in shares the fair value is equivalent to their carrying value and has been excluded from the Carrying/Fair Value table.

The difference between the carrying value and the fair value represents an unrealised cost or benefit to the Company. This arises as a result of variations between the historical contract rate and the current market rate at balance date.

The unrealised loss arising from movements in interest rates since the acquisition date of debt carried at 30 June 2005 and the derivative products used to manage interest rate risk in respect of that debt was NZ\$31,492,000 (2004: NZ\$17,676,000).

This comprises the difference between the carrying values and fair values of debt, cross currency interest rate swaps, foreign exchange forward contracts (hedging foreign currency debt), interest rate swaps, forward rate agreements and interest rate options.

Transpower anticipates that the financial instruments will be held to maturity and it is unlikely that settlement at the reported fair values will occur and the resulting loss realised.

## NOTES TO THE FINANCIAL STATEMENTS continued FOR THE YEAR ENDED 30 JUNE 2005

#### 21. FINANCIAL INSTRUMENTS continued

	Carrying	Fair	Carrying	Fair
	Value	Value	Value	Value
Carrying value/fair value	2005	2005	2004	2004
	\$000	\$000	\$000	\$000
LINES BUSINESS				
On Balance Sheet				
Cash (bank overdraft)	1,084	1,084	722	722
Short term investments	-	-	10	10
Long term assets	541,710	541,765	532,700	532,755
Debt	(1,551,336)	(1,567,534)	(1,609,357)	(1,617,879)
Off Balance Sheet				
Cross currency interest rate swaps	2,263	1,127	600	(82)
Foreign exchange forward contracts	-	171	(223)	(223)
Interest rate swaps	1,197	(13,187)	457	(8,070)
Forward rate agreements	-	-	-	-
Interest rate options	•	-	-	-

#### (f) Interest rate repricing analysis

The following table covers Transpower's total debt portfolio, including the effect of off balance sheet financial instruments, when interest rates will be repriced and the current weighted average interest rate of each maturity. Transpower will transact further interest rate hedging in advance of the repricing date to fix interest rates on the Company debt portfolio within the policy parameters adopted by the Board.

Trade receivables/creditors, other receivables and other liabilities have not been included in the table below as they are not interest rate sensitive.

Forward rate agreements are also excluded from the repricing analysis as these contracts mature within one year. For the purpose of repricing, debt denominated in foreign currencies is stated after applying cross currency interest rate swaps.

#### **LINES BUSINESS 2005**

LINES BUSINESS 2005	Effective	Within one year	One to two	Two to five	Greater than	Total
	interest rate	William One year	years	years	five years	Total
		\$000	\$000	\$000	\$000	\$000
Assets						
Cash	5.65%	1,084	•	-	· -	1,084
Long term assets	6.33%		1,802	539,908	-	541,710
		1,084	1,802	539,908	-	542,794
Liabilities						
Debt	6.78%	(130,112)	(105,694)	(768,302)	(547,228)	(1,551,336)
		(130,112)	(105,694)	(768,302)	(547,228)	(1,551,336)
Off Balance Sheet						
Interest rate swaps		297,000	(14,500)	(56,500)	(226,000)	-
Interest rate options		-	_	-	-	-
	,	297,000	(14,500)	(56,500)	(226,000)	
Repricing Profile		167,972	(118,392)	(284,894)	(773,228)	(1,008,542)

The interest rate on debt as amended by interest rate swaps is 6.72%

1	INFS	RHS	INESS	2004

	Effective interest rate	Within one year	One to two	Two to five	Greater than five years	Total
	illelest late	\$000	years \$000	years \$000	\$000	\$000
Assets						
Cash	4.00%	722	-	-	-	722
Short term investments	4.22%	10	-	-	-	10
Long term investments	6.30%	-	•	532,700	-	532,700
_		732	•	532,700		533,432
Liabilities						
Debt	6.60%	(419,872)	(95,393)	(872,315)	(221,777)	(1,609,357)
		(419,872)	(95,393)	(872,315)	(221,777)	(1,609,357)
Off balance sheet					•	
Interest rate swaps		302,000	(28,000)	61,000	(335,000)	-
Interest rate options		-	•	-	-	-
		302,000	(28,000)	61,000	(335,000)	
Repricing Profile		(117,140)	(123,393)	(278,615)	(556,777)	(1,075,925)

The interest rate on debt as amended by interest rate swaps is 6.85%

## NOTES TO THE FINANCIAL STATEMENTS continued FOR THE YEAR ENDED 30 JUNE 2005

#### 22. SUBSIDIARY AND JOINT VENTURES OF TRANSPOWER GROUP

The subsidiaries that make up the lines business of the Transpower Group are as follows:

the subsidiaries that make up the lines business of the Transpower Group are as follows.		
	2005	2004
Subsidiaries	Holding	Holding
Fighting Bay Finance Limited	100%	100%
Haywards Limited	100%	100%
Oteranga Bay Limited	100%	100%
Transpower Finance Limited	100%	100%
TB and T Limited	100%	100%
Aratiatia Holdings Limited	100%	100%
Benmore Finance	100%	100%
Bunnythorpe Holdings	100%	100%
Benmore Trust	100%	100%
Halfway Bush Finance Limited	100%	100%
The subsidiaries that make up the "Other Transpower Businesses" are as follows:		
Energy Market Services Limited	100%	100%
Risk Reinsurance Limited	100%	100%
Omaka Training Limited (non-trading)	100%	100%

All subsidiary entities have a balance date of 30 June.

Risk Reinsurance Limited is incorporated in the Cayman Islands. All other subsidiary entities are incorporated in New Zealand.

All subsidiaries are direct subsidiaries of Transpower except for;

- Oteranga Bay Limited and Haywards Limited which are wholly owned by Fighting Bay Finance Limited.
- Benmore Finance in which Bunnythorpe Holdings has a 4% share.
- Benmore Trust which is wholly owned by Aratiatia Holdings Limited and Benmore Finance.

The principal activity of the trading subsidiaries (excluding Energy Market Serices Limited ("EMS") and Risk Reinsurance) is financing.

EMS was established in 1998 as a separate legal entity to provide reconciliation and metering services for both MARIA and NZEM parties.

Risk Reinsurance was established in 2001 to provide insurance services to the Transpower Group.

#### 23. RELATED PARTY TRANSACTIONS

Transpower conducts transactions with other State-Owned Enterprises and Government Departments.

These transactions are undertaken on a commercial and arm's length basis and it is considered that these do not fall within the intended scope of related party disclosure.

The subsidiaries identified in Note 22 are related parties of Transpower.

Transactions with these parties are disclosed as "Other Business" transactions in Note 2 and 3.

All of these transactions are conducted on a commercial basis. No related party debts have been written off or forgiven during the year.

## NOTES TO THE FINANCIAL STATEMENTS continued FOR THE YEAR ENDED 30 JUNE 2005

## 24. OTHER ITEMS REQUIRING SPECIFIC DISCLOSURE UNDER THE ELECTRICITY (INFORMATION DISCLOSURE) REGULATIONS 1999

	2005	2004
Transfer Payments by Line businesses to "Other Transpower Businesses" for:		
Asset maintenance services	0	0
Disconnection/reconnection services	0	0
Consumer-based load control services	0	0
Royalty and patent expenses	0	0
Avoided transmission charges on account of own generation	0	0
Expense to non-related entities for:		
Disconnection/reconnection services	0	0
Consumer-based load control services	0	0
Royalty and patent expenses	0	0
Operating Expenditure		
Transmission charges	0	0
Amortised goodwill	0	0
Amortisation of other intangibles	0	0
Merger and acquisition expenses	0	0
Takeover defence expenses	0	0
Research and development expenses	0	0
Rebates to consumers due to ownership interests	0	0
Subvention payments	0	0
Other goods and services provided to Transpower lines business	0	0
Unusual expenses	0	0
Assets		
Goodwill	0	0
Total intangible assets	0	0
Total tangible assets	2,684,153	2,697,101
Equity		
Capital notes	0	0

SCHEDULE 1 - PART 7

SCHEDULE 1 - PART 7 FORM FOR THE DERIVATION OF FINANCIAL PERFORMANCE MEASURES FROM FINANCIAL STATEMENTS						
		Symbol in				
Derivation Table	Input and Calculations	formula	<b></b>	ROF	ROE	ROI
Operating surplus before interest and income tax from financial	200,907					
Operating surplus before interest and income tax adjusted pursuant to regulation 18 (OSBITT)	200,907					
Interest on cash, bank balances, and short-term investments (ISTI) OSBIT minus ISTI	317 200,590	a		200,590		200,590
Net surplus after tax from financial statements	90,759	<b>"</b>		200,390		200,390
Net surplus after tax adjusted pursuant to regulation 18 (NSAT)	90,759	n			90,759	
Amortisation of goodwill and amortisation of other intangibles	0,759	g	add	o	add 0	
Subvention payment	0	s	add	o	add 0	add 0
Depreciation of SFA at BV (x)	101,026	_				
Depreciation of SFA at ODV (y)	109,000					
ODV depreciation adjustment	-7,974	d	add	-7,974	add -7,974	add -7,974
Subvention payment tax adjustment	0	s*t			deduct 0	deduct 0
Interest tax shield	22,909	q				deduct 22,909
Revaluations	0	г				add 0
Income tax	43,990	p				deduct 43,990
Numerator				192,616	82,785	125,717
			OSBIIT <sup>ADJ</sup> =	= a + g + s + d	$NSAT^{ADJ} = n + g + s - s^*t + d$	$OSBITT^{ADJ} = a + g - q + r + s + d - p - s*t$
Fixed assets at end of previous financial year (FA <sub>0</sub> )	2,086,819					
Fixed assets at end of current financial year (FA <sub>1</sub> )	2,071,103					
Adjusted net working capital at end of previous financial year(ANWC <sub>0</sub> )	-4,647					
Adjusted net working capital at end of current financial year (ANWC <sub>1</sub> )	-9,167					
Average total funds employed (ATFE)	2,072,054	С		2,072,054		2,072,054
the state of the s	(or regulation 33 time-weighted	•		_,,,,		
Total equity at end of previous financial year (TE <sub>0</sub> )	average)					
	1,008,027					
Total equity at end of current financial year (TE <sub>1</sub> )	1,060,859					
Average total equity	1,034,443 (or regulation 33 time-weighted	k			1,034,443	
	average )					
WUC at end of previous financial year (WUC <sub>0</sub> )	97,870					
WUC at end of current financial year (WUC <sub>1</sub> )	115,950					
Average total works under construction	106,910 (or regulation 33 time-weighted average)	е	deduct	106,910	deduct 106,910	deduct 106,910
Revaluations	0	r	İ			
Half of revaluations	0	r/2				deduct 0
Intangible assets at end of previous financial year (IA <sub>0</sub> )	0					
Intangible assets at end of current financial year (IA <sub>1</sub> )	0					
Average total intangible asset	0	m			add 0	
Average total intangine asset	(or regulation 33 time-weighted average)	, m			add 0	
Subvention payment at end of previous financial year (S <sub>0</sub> )	0					
Subvention payment at end of current financial year (S <sub>1</sub> )	0		İ			
Subvention payment tax adjustment at end of previous financial year	0					
Subvention payment tax adjustment at end of current financial year	0					
Average subvention payment & related tax adjustment	0	v			add 0	
System fixed assets at end of previous financial year at book value	1,919,000	•	ŀ			
System fixed assets at end of current financial year at book value	1,899,000	ŀ				
Average value of system fixed assets at book value	1,909,000	f	deduct	1,909,000	deduct 1,909,000	deduct 1,909,000
Treating value of dystem fixed another to book value	(or regulation 33 time-weighted	•	deduct	1,707,000	1,505,000	1,707,000
System Fixed assets at year beginning at ODV value (SFA <sub>odv0</sub> )	average ) 2,026,000					
System Fixed assets at end of current financial year at ODV value	1,979,000					
Average value of system fixed assets at ODV value	2,002,500	h	add	2,002,500	add 2,002,500	add 2,002,500
ATTOLOGIC VALUE OI SYSTEIN ILICU ASSCIS BLODY VALUE	(or regulation 33 time-weighted	n	auti	2,002,300	add 2,002,300	2,002,300
<b>*</b>	average)		1			A 0.00
Denominator			ATFE <sup>ADJ</sup> =	2,058,644 c-e-f+h	1,021,033 Ave $TE^{ADJ} = k - e - m + v - f + h$	2,058,644 ATFE <sup>ADJ</sup> = c - e - $\frac{1}{2}$ r - f + h
			ļ	· - <del>-</del>		
Financial Performance Measure:				9.4	8.1	6.1
			ROF = OSB			ROI = OSBIT <sup>ADJ</sup> /ATFE <sup>ADJ</sup> x 100
i l		I	1			1

t = maximum statutory income tax rate applying to corporate entities | bv = book value | ave = average | odv = optimised deprival valuation | subscript '0' = end of financial year | subscript '1' = end of the current financial year | ROF = return on funds | ROE = return on equity | ROI = return on investment

#### STATEMENT OF PERFORMANCE MEASURES FOR THE YEAR ENDED 30 JUNE 2005

	LINES BUSINESS 2005	LINES BUSINESS 2004	LINES BUSINESS 2003	LINES BUSINESS 2002
Financial Measures				
Return on Equity	8.1%	7.1%	5.9%	8.6%
Return on Funds	9.4%	7.9%	3.3%	8.5%
Return on Investment	6.1%	10.3%	7.1%	9.3%
Efficiency Measures				
Direct line costs per kilometre, which shall be calculated in accordance with the following formula:				
a	155,981,000	134,120,000	147,249,000	134,087,000
ь	17,045	17,041	17,134	17,145
<ul> <li>a is direct expenditure* (in dollars): and</li> <li>b is system length (in kilometres);</li> </ul>	\$9,151	\$7,870	\$8,594	\$7,821

<sup>\*2002, 2003</sup> and 2004 direct expenditure amounts restated

\$ million

#### TRANSPOWER NEW ZEALAND LIMITED LINES BUSINESS

#### ANNUAL VALUATION RECONCILIATION REPORT YEAR ENDED 30 JUNE 2005

System fixed assets at ODV at 30 June 2004	2,026
Add system fixed assets acquired during the year at ODV Less system fixed assets disposed of during the year at ODV Less depreciation on system fixed assets at ODV Add revaluations of system fixed assets	73 (5) (109) (6)
Equals system fixed assets at ODV at 30 June 2005	1,979

#### The Electricity Information Disclosure Requirements 2004

(For 12 months ending 30 June 2005, 30 June 2004, 30 June 2003, 30 June 2002)

(a) System length, broken down by voltage  **Total***   Km   17,045   17,041   17,134   17,145	Part 4					
1. Energy delivery efficiency performance measures (a) Load factor   %6   69.70   71.05   70.50   67.09		leasures and	2004/05	2003/04	2002/03	2001/02
1. Energy delivery efficiency performance measures (a) Load factor (a) Load factor (b) (a) Load factor (b) (c) Loss ratio (b) Loss ratio (b) Loss ratio (b) Loss ratio (c) Loss ratio (b) Loss ratio (b) Loss ratio (c)	(Disclosure under Requirement 20)					
(a) Load factor   %   69.70   71.05   70.50   67.09		measures				
Electrical energy entering the transmission system as percentage of maximum demand times hours per year (b) Loss ratio			69.70	71.05	70.50	67.09
of maximum demand times hours per year         %         3.76         3.82         4.36         2.90           Transmission losses as percentage of energy entering the system         (C) Capacity utilisation         %         8         70.89         69.49         69.86         70.71         88.86d on ONAN ratings*         70.89         69.49         69.86         70.71         15.87         25.81         51.87         25.81         25.81         25.81         25.81         25.81         25.81         25.81         25.81         25.81         25.81         25.81<		tem as percentage				
(c) Capacity utilisation						
Transmission losses as percentage of energy entering the system (C) Capacity utilisation 9		%	3.76	3.82	4.36	2.90
System (c) Capacity utilisation   %   Maximum demand as percentage of total transformer capacity   Based on ONAN ratings   70.89   69.49   69.86   70.71   83.87   70.89   69.49   69.86   70.71   7	, ,	ntering the				
Maximum demand as percentage of total transformer capacity Based on ONAN ratings*   49.72   48.17   50.81   51.87	system	-				
Reser on ONAN ratings	(c) Capacity utilisation	%				
Reser on ONAN ratings	Maximum demand as percentage of total trans	former capacity				
(a) System length, broken down by voltage    Total   & km   17,045   17,041   17,134   17,145			70.89	69.49	69.86	70.71
(a) System length, broken down by voltage    Total & km   17,045   17,041   17,134   17,145     350 kV (HVDC)   km   611   611   611   611     270 kV (HVDC)   km   611   611   611   611     0 kV (HVDC earth electrode)   km   838   8,376   8,357   8,357     110 kV (HVAC)   km   6,073   6,073   6,076   6,108     66/50/33/11 kV (HVAC)   km   6,073   6,073   6,076   6,108     66/50/33/11 kV (HVAC)   km   1,339   1,339   1,449   1,428     (b) Circuit length of overhead electric lines, broken down by voltage.    Total & km   16,960   16,956   17,049   17,060     350 kV (HVDC)   km   571   571   571   571     270 kV (HVDC)   km   571   571   571   571     270 kV (HVDC)   km   31   31   31   31     220 kV (HVAC)   km   8,380   8,376   8,357   8,357     110 kV (HVAC)   km   8,380   8,376   8,357   8,357     110 kV (HVAC)   km   6,068   6,068   6,071   6,103     66/50/33/11 kV (HVAC)   km   6,068   6,068   6,071   6,103     66/50/33/11 kV (HVAC)   km   6,068   6,068   6,071   6,103     66/50/33/11 kV (HVAC)   km   40   40   40   40     60/50/33/11 kV (HVAC)   km   40   4	Based on Maximum Continuous	Ratings	49.72	48.17	50.81	51.87
Total & km   17,045   17,041   17,134   17,145   350 kV (HVDC)   km   611	2. Statistics					
350 kV (HVDC)   km   611   611   611   611   611   270 kV (HVDC)   km   611   610   610   600						
270 kV (HVDC) km 31 611 611 611 611 0 kV (HVDC earth electrode) km 31 31 31 31 31 31 220 kV (HVAC) km 8,380 8,376 8,357 8,357 110 kV (HVAC) km 6,073 6,073 6,076 6,108 66/50/33/11 kV (HVAC) km 6,073 6,073 6,076 6,108 66/50/33/11 kV (HVAC) km 1,339 1,339 1,449 1,428 (b) Circuit length of overhead electric lines, broken down by voltage.  Total k km 16,960 16,956 17,049 17,060 350 kV (HVDC) km 571 571 571 571 571 571 571 270 kV (HVDC) km 31 31 31 31 31 31 31 31 31 31 31 31 31	Total &	km	17,045	17,041	17,134	17,145
0 kV (HVDC earth electrode)         km         31         31         31         31           220 kV (HVAC)         km         8,380         8,376         8,357         8,357         8,357           110 kV (HVAC)         km         6,073         6,073         6,076         6,108           66/50/33/11 kV (HVAC)         km         1,339         1,339         1,449         1,428           (b) Circuit length of overhead electric lines, broken down by voltage.         km         16,960         16,955         17,049         17,060           350 kV (HVDC)         km         571         571         571         571         571         571           270 kV (HVDC)         km         571	350 kV (HVDC)	km	611	611	611	611
220 kV (HVAC) km 6,073 6,073 6,076 6,108 66/50/33/11 kV (HVAC) km 1,339 1,339 1,449 1,428 (b) Circuit length of overhead electric lines, broken down by voltage.  Total km 16,960 16,956 17,049 17,060 350 kV (HVDC) km 571 571 571 571 571 0 kV (HVDC) km 571 571 571 571 571 0 kV (HVDC) km 31 31 31 31 31 220 kV (HVAC) km 8,380 8,376 8,357 8,357 110 kV (HVAC) km 8,380 8,376 8,357 8,357 110 kV (HVAC) km 6,068 6,068 6,071 6,103 66/50/33/11 kV (HVAC) km 1,339 1,339 1,449 1,428 NB: HVDC link submarine power cables measure approximately 80km. Broken down by voltage  350 kV (HVDC) km 40 40 40 40 270 kV (HVDC) km 40 40 40 40 (c) Total circuit length of underground electric lines (110 kV HVAC) km 5 5 5 5 5  (d) Transformer capacity (kilovolt amperes)  ONAN Ratings f kVA 8,94x106 8.77x106 8.64x106 8.59x106 (e) Maximum demand (kilowatts) kW 6.34 x106 6.09x106 6.04x106 6.07x106 (f) Total electricity entering the system (before losses of electricity), in kilowatt hours: * kWh 38.71x109 38.02x109 37.28x109 35.70x109  (g) Total amount of electricity (in kilowatt hours) supplied from the system (after losses of electricity) during the financial year on behalf of each person that is an electricity generator or an	270 kV (HVDC)	km	611	611	611	611
220 kV (HVAC) km 8,380 8,376 8,357 8,357 110 kV (HVAC) km 6,073 6,073 6,076 6,108 66/50/33/11 kV (HVAC) km 1,339 1,339 1,449 1,428 (b) Circuit length of overhead electric lines, broken down by voltage.  Total k km 16,960 16,956 17,049 17,060 350 kV (HVDC) km 571 571 571 571 571 571 571 571 571 571	0 kV (HVDC earth electrode)	km	31	31	31	31
(b) Circuit length of overhead electric lines, broken down by voltage.  Total & km 16,960 16,956 17,049 17,060 350 kV (HVDC) km 571 571 571 571 571 571 571 571 571 571		km	8,380	8,376	8,357	8,357
(b) Circuit length of overhead electric lines, broken down by voltage.  Total & km 16,960 16,956 17,049 17,060 350 kV (HVDC) km 571 571 571 571 571 571 571 571 571 571	110 kV (HVAC)	km		6,073	6,076	6,108
(b) Circuit length of overhead electric lines, broken down by voltage.  Total & km 16,960 16,956 17,049 17,060 350 kV (HVDC) km 571 571 571 571 571 270 kV (HVDC) km 571 571 571 571 571 571 0 kV (HVDC) km 31 31 31 31 31 31 31 31 31 31 31 31 31	66/50/33/11 kV (HVAC) <sup>&amp;</sup>	km	1,339		1,449	
Total &   km   16,960   16,956   17,049   17,060	(b) Circuit length of overhead electric lines, bro	ken down by				
350 kV (HVDC)   km   571   571   571   571   270 kV (HVDC)   km   571	voltage.	•				
270 kV (HVDC) km 571 571 571 571 0 kV (HVDC earth electrode) km 31 31 31 31 31 220 kV (HVAC) km 8,380 8,376 8,357 8,357 110 kV (HVAC) km 6,068 6,068 6,071 6,103 66/50/33/11 kV (HVAC) km 1,339 1,339 1,449 1,428 NB: HVDC link submarine power cables measure approximately 80km. Broken down by voltage 350 kV (HVDC) km 40 40 40 40 40 270 kV (HVDC) km 40 40 40 40 40 (c) Total circuit length of underground electric lines (110 kV HVAC) km 5 5 5 5 5 (d) Transformer capacity (kilovolt amperes) ONAN Ratings kVA 8.94x106 8.77x106 8.64x106 8.59x106 Maximum Continuous Ratings kVA 12.75x106 12.65x106 11.87x106 (e) Maximum demand (kilowatts) kW 6.34 x106 6.09x106 6.04x106 6.07x106 (f) Total electricity entering the system (before losses of electricity), in kilowatt hours: kWh 38.71x109 38.02x109 37.28x109 35.70x109 (g) Total amount of electricity (in kilowatt hours) supplied from the system (after losses of electricity) during the financial year on behalf of each person that is an electricity generator or an	Total &	km	16,960	16,956	17,049	17,060
0 kV (HVDC earth electrode)         km         31         31         31         31           220 kV (HVAC)         km         8,380         8,376         8,357         8,357           110 kV (HVAC)         km         6,068         6,068         6,071         6,103           66/50/33/11 kV (HVAC)         km         1,339         1,339         1,449         1,428           NB: HVDC link submarine power cables measure approximately 80km. Broken down by voltage         8         40         40         40         40           350 kV (HVDC)         km         40         40         40         40         40           270 kV (HVDC)         km         5         5         5         5         5           (c) Total circuit length of underground electric lines         (110 kV HVAC)         km         5         5         5         5         5           (d) Transformer capacity (kilovolt amperes)         km         5	350 kV (HVDC)	km	571	571	571	571
220 kV (HVAC)         km         8,380         8,376         8,357         8,357           110 kV (HVAC)         km         6,068         6,068         6,071         6,103           66/50/33/11 kV (HVAC)         km         1,339         1,339         1,449         1,428           NB: HVDC link submarine power cables measure approximately 80km. Broken down by voltage         8         8         40 <td>270 kV (HVDC)</td> <td>km</td> <td>571</td> <td>571</td> <td>571</td> <td>571</td>	270 kV (HVDC)	km	571	571	571	571
110 kV (HVAC) km 6,068 6,068 6,068 6,071 6,103 66/50/33/11 kV (HVAC) km 1,339 1,339 1,449 1,428 NB: HVDC link submarine power cables measure approximately 80km. Broken down by voltage  350 kV (HVDC) km 40 40 40 40 40 40 40 40 40 40 40 40 40	0 kV (HVDC earth electrode)	km	31	31	31	31
110 kV (HVAC) km 6,068 6,068 6,068 6,071 6,103 66/50/33/11 kV (HVAC) km 1,339 1,339 1,449 1,428 NB: HVDC link submarine power cables measure approximately 80km. Broken down by voltage  350 kV (HVDC) km 40 40 40 40 40 40 40 40 40 40 40 40 40	220 kV (HVAC)	km	8,380	8,376	8,357	8,357
NB: HVDC link submarine power cables measure approximately 80km. Broken down by voltage  350 kV (HVDC) km 40 40 40 40 40 40 40 40 40 40 40 40 40	110 kV (HVAC)	km	6,068	6,068	6,071	6,103
NB: HVDC link submarine power cables measure approximately 80km. Broken down by voltage  350 kV (HVDC) km 40 40 40 40 40 40 40 40 40 40 40 40 40		km			harring the same of the same o	
80km. Broken down by voltage  350 kV (HVDC) km 40 40 40 40  270 kV (HVDC) km 40 40 40 40  (c) Total circuit length of underground electric lines (110 kV HVAC) km 5 5 5 5 5 5  (d) Transformer capacity (kilovolt amperes)  ONAN Ratings * kVA 8.94x106 8.77x106 8.64x106 8.59x106  Maximum Continuous Ratings kVA 12.75x106 12.65x106 11.87x106  (e) Maximum demand (kilowatts) * kW 6.34 x106 6.09x106 6.04x106 6.07x106  (f) Total electricity entering the system (before losses of electricity), in kilowatt hours: * kWh 38.71x109 38.02x109 37.28x109 35.70x109  (g) Total amount of electricity (in kilowatt hours) supplied from the system (after losses of electricity) during the financial year on behalf of each person that is an electricity generator or an		e approximately				
350 kV (HVDC) km 40 40 40 40 40 40 40 40 40 40 40 40 40		,,				
270 kV (HVDC) km 40 40 40 40  (c) Total circuit length of underground electric lines (110 kV HVAC) km 5 5 5 5 5 5 5  (d) Transformer capacity (kilovolt amperes)  ONAN Ratings * kVA 8.94x106 8.77x106 8.64x106 8.59x106  Maximum Continuous Ratings kVA 12.75x106 12.65x106 11.87x106  (e) Maximum demand (kilowatts) * kW 6.34 x106 6.09x106 6.04x106 6.07x106  (f) Total electricity entering the system (before losses of electricity), in kilowatt hours: * kWh 38.71x109 38.02x109 37.28x109 35.70x109  (g) Total amount of electricity (in kilowatt hours) supplied from the system (after losses of electricity) during the financial year on behalf of each person that is an electricity generator or an	350 kV (HVDC)	km	40	40	40	40
(d) Transformer capacity (kilovolt amperes)  ONAN Ratings * kVA 8.94x10 <sup>6</sup> 8.77x106 8.64x106 8.59x10 <sup>6</sup> Maximum Continuous Ratings kVA 12.75x10 <sup>6</sup> 12.65x106 11.87x106  (e) Maximum demand (kilowatts) * kW 6.34 x10 <sup>6</sup> 6.09x106 6.04x106 6.07x10 <sup>6</sup> (f) Total electricity entering the system (before losses of electricity), in kilowatt hours: * kWh 38.71x10 <sup>9</sup> 38.02x109 37.28x109 35.70x10 <sup>9</sup> (g) Total amount of electricity (in kilowatt hours) supplied from the system (after losses of electricity) during the financial year on behalf of each person that is an electricity generator or an		km	40	40	40	40
(d) Transformer capacity (kilovolt amperes)  ONAN Ratings * kVA 8.94x10 <sup>6</sup> 8.77x106 8.64x106 8.59x10 <sup>6</sup> Maximum Continuous Ratings kVA 12.75x10 <sup>6</sup> 12.65x106 11.87x106  (e) Maximum demand (kilowatts) * kW 6.34 x10 <sup>6</sup> 6.09x106 6.04x106 6.07x10 <sup>6</sup> (f) Total electricity entering the system (before losses of electricity), in kilowatt hours: * kWh 38.71x10 <sup>9</sup> 38.02x109 37.28x109 35.70x10 <sup>9</sup> (g) Total amount of electricity (in kilowatt hours) supplied from the system (after losses of electricity) during the financial year on behalf of each person that is an electricity generator or an	(c) Total circuit length of underground electric	lines				
ONAN Ratings ** kVA 8.94x10 <sup>6</sup> 8.77x106 8.64x106 8.59x10 <sup>6</sup> Maximum Continuous Ratings kVA 12.75x10 <sup>6</sup> 12.65x106 11.87x106  (e) Maximum demand (kilowatts) ** kW 6.34 x10 <sup>6</sup> 6.09x106 6.04x106 6.07x10 <sup>6</sup> (f) Total electricity entering the system (before losses of electricity), in kilowatt hours: ** kWh 38.71x10 <sup>9</sup> 38.02x109 37.28x109 35.70x10 <sup>9</sup> (g) Total amount of electricity (in kilowatt hours) supplied from the system (after losses of electricity) during the financial year on behalf of each person that is an electricity generator or an			5	5	5	5
ONAN Ratings ** kVA 8.94x10 <sup>6</sup> 8.77x106 8.64x106 8.59x10 <sup>6</sup> Maximum Continuous Ratings kVA 12.75x10 <sup>6</sup> 12.65x106 11.87x106  (e) Maximum demand (kilowatts) ** kW 6.34 x10 <sup>6</sup> 6.09x106 6.04x106 6.07x10 <sup>6</sup> (f) Total electricity entering the system (before losses of electricity), in kilowatt hours: ** kWh 38.71x10 <sup>9</sup> 38.02x109 37.28x109 35.70x10 <sup>9</sup> (g) Total amount of electricity (in kilowatt hours) supplied from the system (after losses of electricity) during the financial year on behalf of each person that is an electricity generator or an	(d) Transformer capacity (kilovolt amperes)					
Maximum Continuous Ratings kVA 12.75x10 <sup>6</sup> 12.65x106 11.87x106  (e) Maximum demand (kilowatts) *\$ kW 6.34 x10 <sup>6</sup> 6.09x106 6.04x106 6.07x10 <sup>6</sup> (f) Total electricity entering the system (before losses of electricity), in kilowatt hours: *\$ kWh 38.71x10 <sup>9</sup> 38.02x109 37.28x109 35.70x10 <sup>9</sup> (g) Total amount of electricity (in kilowatt hours) supplied from the system (after losses of electricity) during the financial year on behalf of each person that is an electricity generator or an		kVA	8.94x10 <sup>6</sup>	8.77x106	8.64×106	8.59×10 <sup>6</sup>
(f) Total electricity entering the system (before losses of electricity), in kilowatt hours: * kWh 38.71x10 <sup>9</sup> 38.02x109 37.28x109 35.70x10 <sup>9</sup> (g) Total amount of electricity (in kilowatt hours) supplied from the system (after losses of electricity) during the financial year on behalf of each person that is an electricity generator or an		kVA		12.65×106	11.87×106	
(f) Total electricity entering the system (before losses of electricity), in kilowatt hours: * kWh 38.71x10 <sup>9</sup> 38.02x109 37.28x109 35.70x10 <sup>9</sup> (g) Total amount of electricity (in kilowatt hours) supplied from the system (after losses of electricity) during the financial year on behalf of each person that is an electricity generator or an	(e) Maximum demand (kilowatts) *\$	kW	$6.34 \times 10^6$	6.09x106	6.04×106	6.07x10 <sup>6</sup>
(g) Total amount of electricity (in kilowatt hours) supplied from the system (after losses of electricity) during the financial year on behalf of each person that is an electricity generator or an		e losses of				
(g) Total amount of electricity (in kilowatt hours) supplied from the system (after losses of electricity) during the financial year on behalf of each person that is an electricity generator or an			38.71x10 <sup>9</sup>	38.02×109	37.28×109	35.70x10 <sup>9</sup>
the system (after losses of electricity) during the financial year on behalf of each person that is an electricity generator or an		rs) supplied from			·	
		enerator or an				
electricity retailer, or both: **@ kWh 37.25x109 36.57x109 35.65x109 34.66x109	electricity retailer, or both: *\$@	kWh	37.25x10 <sup>9</sup>	36.57×109	35.65x109	34.66×10 <sup>9</sup>
			48	48	48	49

<sup>\*</sup> To 2 decimal places only, higher accuracy used in calculations.

<sup>#</sup> ONAN = Oil natural, air natural ratings.

<sup>@</sup> Including sales to direct connected customers.

<sup>&</sup>amp; 2003/04, 2004/05 data excludes circuits leased from others and operated by Transpower. 34km owned by Transpower but operated by others not included above.

<sup>\$</sup> For all years, figures for maximum demand kW and kWh injected and supplied include loads on circuits leased by Transpower. The effect of these circuits cannot be measured as metering equipment is not installed at the inter-connection points with Transpower-owned assets, but the difference is estimated to be no more than 0.1% of totals. Loads on Transpower assets leased to others are not included as Transpower does not collect operational data for these assets.

#### The Electricity Information Disclosure Requirements 2004

(For 12 months ending 30 June 2005, 30 June 2004, 30 June 2003, 30 June 2002)

Part 6

Reliability Performance Measures to be Disclotranspower (Disclosure Under Requirement 21)	sed by	2004/05	2003/04	2002/03	2001/02
1. Total number of unplanned interruptions*  Resulting from 53 loss of supply incidents in 2004/0	0 <i>5</i>	67	75	72	113
2. Electricity customer interruptions in system minu	tes**	6.7	5.3	6.3	8.1
	Planned	3.4	1.7	3.6	3.2
	Unplanned	3.3	3.6	2.6	4.9
<b>3.</b> Underlying electricity customer interruptions in syminutes ** <i>Underlying interruptions are those interruptions of a minute or less duration</i>		5.7	5.3	6.3	8.1
· · · · · · · · · · · · · · · · · · ·	Planned	3.4	1.7	3.6	3.2
	Unplanned	2.3	3.6	2.6	4.9
<b>4.</b> Average supply reliability  Measured by the energy supplied divided by the sui  energy supplied and not supplied	% m of the	99.9981	99.9985	99.9982	99.9976
<b>5.</b> Uneconomic generation due to planned and unplatransmission system unavailability % Uneconomic generation relates to the amount of exgenerated from any source other than the most economics.	lectricity	•	_	-	# T
<b>6.</b> Uneconomic generation due to HVDC system una	ıvailability %	-	_	*	No.
<b>7.</b> Uneconomic generation due to unplanned transm system unavailability	nission %	-	_	389	
8. Planned interruption restoration performance	%	71.9	71.0	81.3	81.8
9. Unplanned interruption response	%	100	98.7	100	100

The information compiled using estimated information includes Part 6 sections 2, 3 and 4. The methodology used to calculate the estimated information is documented and available from Transpower upon request.

Uneconomic generation (Part 6 sections 5, 6 and 7) is not relevant in the market environment because scheduling is now based on offered price, not economic cost. In the market, 'offers to generate' are made after taking constraints into account and it is not possible to predict what a generator would have offered if the constraint was not present. As a result data is not available to allow a calculation and a null entry has been returned.

The reliability performance measures given in Part 6 do not include the performance of the 34km of circuit leased to other parties because Transpower does not collect operational data for these assets.

<sup>\*</sup> Where two supply voltages, or two customers, at the same station are both interrupted this is counted as two interruptions.

<sup>\*\*</sup> Any minor differences between the total and the sum of planned and unplanned are due to rounding. System minutes of interruptions are not counted if energy is made up by backfeed from another point of supply or by embedded generation within a customer's network.

#### Form 5

### ELECTRICITY INFORMATION DISCLOSURE REQUIREMENTS 2004 REGULATION 31(2)

#### CERTIFICATE BY DIRECTORS OF FINANCIAL STATEMENTS, PERFORMANCE MEASURES, AND STATISTICS DISCLOSED BY TRANSPOWER NEW ZEALAND LIMITED

We, David Gascoigne and Mark Tume, Directors of Transpower New Zealand Limited ("Transpower") certify that, having made all reasonable enquiry, to the best of our knowledge;

- (a) The attached audited financial statements of Transpower, prepared for the purposes of regulation 5 of the Commerce Commission's Electricity Information Disclosure Requirements 2004, comply with those Requirements; 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 Transpower, and having been prepared for the purposes of requirements 14, 15, 20, and 21 of the Electricity Information Disclosure Requirements 2004, comply with those Requirements

The valuations on which those financial performance measures are based are as at 30 June 2005.

David Gascoigne

David Gascoigne

28 November 2005

Mark Tume

Martinue

#### Form 6

## ELECTRICITY INFORMATION DISCLOSURE REQUIREMENTS 2004 REQUIREMENT 31(5)

#### CERTIFICATION OF VALUATION REPORT OF DISCLOSING ENTITIES

We, David Gascoigne and Mark Tume, directors of Transpower New Zealand Limited certify that, having made all reasonable enquiry, to the best of our knowledge-

- (a) The attached valuation report of Transpower New Zealand Limited, prepared for the purposes of requirement 19 of the Commerce Commission's Electricity Information Disclosure Requirements 2004 complies with those requirements; and
- (b) The replacement cost of the lines business system fixed assets of Transpower New Zealand Limited is \$5,497,000; and
- (c) The depreciated replacement cost of the lines business system fixed assets of Transpower New Zealand Limited is \$2,282,000; and
- (d) The optimised depreciated replacement cost of the lines business system fixed assets of Transpower New Zealand Limited is \$1,980,000; and
- (e) The optimised deprival valuation of the lines business system fixed assets of Transpower New Zealand Limited is \$1,979,000; and
- (f) The values in paragraphs (b) through to (e) have been prepared in accordance with the ODV Handbook (as defined in the Electricity Information Disclosure requirements 2004). These valuations are as at 30 June 2005.

Signed:	David Gascingue	Marine
	David Gascoigne	Mark Tume
Date:	28 November 2005	

#### Form 7

#### ELECTRICITY (INFORMATION DISCLOSURE) REGULATIONS 1999 REGULATION 37

## STATUTORY DECLARATION IN RESPECT OF STATEMENTS AND INFORMATION SUPPLIED TO COMMERCE COMMISSION

I, David Gascoigne, of Wellington being Chairman of Transpower New Zealand 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 by Transpower under the Electricity Information Disclosure Requirements 2004.

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 this day of 28 November 2005.

David Gascorque

SAZN WILLIAM THORPE

Solicitor of the High Court of New Zealand

WELLINGTON