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# New Zealand Gazette

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### MAINPOWER NEW ZEALAND LIMITED

INFORMATION FOR DISCLOSURE

PURSUANT TO SECTION 57T OF THE COMMERCE ACT 1986



#### Notes to and Forming Part of the Financial Statements For The Year Ended 31 March 2005

#### Statement of Accounting Policies Specific to MainPower's Lines Business Activities

#### Reporting Entity

MainPower New Zealand Limited is a company registered under the Companies Act 1993.

The financial statements have been prepared in accordance with, and for the purposes of, complying with the requirements of the Commerce Act (Electricity Information Disclosure Requirements) Notice 2004, pursuant to Part 4A of the Commerce Act 1986.

MainPower New Zealand Limited is a reporting entity for the purposes of the Financial Reporting Act 1993.

#### **Special Purpose Financial Statements**

These financial statements have been prepared for the specific purpose of complying with the requirements of the Commerce Act (Electricity Information Disclosure Requirements) Notice 2004, pursuant to Part 4A of the Commerce Act 1986

Allocations of the costs, revenues, assets and liabilities of the Company have been made in accordance with the mandatory methodology as required by the Commerce Act (Electricity Information Disclosure Requirements) Notice 2004, pursuant to Part 4A of the Commerce Act 1986.

This approach defines the line business as the company's core business, and makes an assessment of the costs, revenues, assets and liabilities that would be avoided by the line business if all non-core businesses were to cease operation. The costs, revenues, assets and liabilities that would be avoided are allocated to those non-core businesses. Costs, revenues, assets and liabilities that would not be avoided are allocated to the line business.

#### Measurement Base

The accounting principles recognised as appropriate for the measurement and reporting of financial performance and financial position on an historical cost basis, modified by the revaluation of certain fixed assets, have been followed.

#### **Accounting Policies**

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

#### 1.1 Fixed Assets and Depreciation

All fixed assets are initially recorded at cost. Distribution assets are subsequently revalued on an Optimised Deprival Valuation (ODV) basis and are revalued at least once every three years.

Distribution assets were revalued by PricewaterhouseCoopers on an Optimised Deprival Valuation (ODV) basis as at 31 March 2004.

Depreciation is provided on all tangible fixed assets at rates that will allocate the assets' cost or valuation, to their residual values, over their estimated useful lives. All other assets are depreciated on a diminishing value basis.

Depreciation rates for major classes of assets used in the preparation of the financial statements are based on periods not exceeding:

Distribution System - 70 years
Motor Vehicles - 5 years
Plant and Equipment - 14 years
Office Furniture and Equipment - 10 years

The electricity distribution system economic lives have been set consistent with the Ministry of Economic Development's ODV Handbook. The economic lives range from 15-70 years for the different components of the distribution system.

Gains and losses on disposal of fixed assets are taken into account in determining the operating result for the year.



#### Notes to and Forming Part of the Financial Statements For The Year Ended 31 March 2005

#### 1.2 Income Tax

The income tax expense charged to the Statement of Financial Performance includes the current year's provision after allowing for permanent differences. Deferred taxation is determined on a partial basis using the liability method. Deferred tax assets attributable to timing differences or tax losses are only recognised if there is virtual certainty of realisation.

#### 1.3 Goods and Services Tax

The financial statements have been prepared exclusive of goods and services tax (GST) with the exception of receivables and payables which include GST invoiced.

#### 1.4 Allocation of Costs, Revenues, Assets and Liabilities

The allocation of costs, revenues, assets and liabilities are in accordance with Requirement 6 of the Commerce Act (Electricity Information Disclosure Requirements) Notice 2004, pursuant to Part 4A of the Commerce Act 1986

#### 1.5 Business Accounting Separation

#### Lines Business

The Lines business provides and maintains the electricity distribution network throughout the North Canterbury and Kaikoura regions.

#### 1.6 Rebate Shares

#### i) Redemption

Rebate Shares are only held by Qualifying Customers and the Trustees of the MainPower Trust. They are not transferable and are subject to compulsory redemption at a nominal value of ten (10) cents when a person ceases to be a Qualifying Customer of MainPower.

#### ii) Rebates

The Rebate Share entitles a Qualifying Customer to a rebate of fixed and variable distribution line charges. The accumulated rebate paid to Qualifying Customers is disclosed separately in the Statement of Financial Performance.

#### 1.7 Capital Contributions

Where Distribution System network assets are gifted to MainPower in recognition of MainPower accepting responsibility for the continued maintenance of those assets, MainPower recognises the gift as income and treats the asset as an addition to the company's asset base.

#### 1.8 Changes in Accounting Policies

There have been no changes in accounting policies. All policies have been applied on bases consistent with those used in previous years.



#### Lines Business Statement of Financial Performance For The Year Ended 31 March 2005

	Note	2005 \$000	2004 \$000
Operating Revenue	1a	30,997	28,950
Operating Expenditure	1b	25,927	(22,978)
Operating Surplus Before Interest & Taxation Interest Expense		5,070	5,972 -
Taxation	1c	(989)	(1,181)
Operating Surplus After Taxation	-	4,081	4,791
Net Surplus After Taxation	4	4,081	4,791

#### Lines Business Statement of Movements in Equity for the Year Ended 31 March 2005

	Note	2005 \$000	2004 \$000
Equity at Start of the Year		119,496	95,540
Net Surplus Increase/(Decrease) in Asset Revaluation Reserve Total Recognised Revenues and Expenses	4	4,081 - 4,081	4,791 19,165 23,956
Equity at the End of the Year		123,577	119,496



#### Lines Business Statement of Financial Position As At 31 March 2005

	Note	2005 \$000	2004 \$000
Equity		4000	4000
Share Capital	2	23,411	23,411
Reserves	3	78,975	78,975
Retained Earnings	4	21,191	17,110
Total Shareholders' Equity		123,577	119,496
Minority Interests in Subsidiaries		100.577	- 110.406
Total Equity		123,577	119,496
Capital Notes		-	
Total Capital Funds		123,577	119,496
Non Current Liabilities	10	161	144
Current Liabilities			
Accounts Payable and Accruals	9	2,695	1,820
Total Equity and Liabilities		126,433	121,460
Non Current Assets Fixed Assets Total Non Current Assets	5	121,548 121,548	112,844 112,844
		121,010	11=,0
Current Assets		2.520	<b>5</b> 2 5 2
Bank and Short term deposits		2,720	7,373
Short Term Investments Receivables and Prepayments	6	2,165	1,243
Inventory	U	2,103	1,245
Other Current Assets		_	-
Total Current Assets		4,885	8,616
Other Tangible Assets	7	-	-
Total Tangible Assets	MARKET TO A STATE OF THE STATE	126,433	121,460
Intangible Assets	8	-	-
Total Assets		126,433	121,460



#### Lines Business Statement of Cash Flows For The Year Ended 31 March 2005

		2005 \$000	2004 \$000
Cash Flows From Operating Activities			
Cash was provided from: Receipts from Customers Interest Received		18,853 303	19,004 379
		19,156	19,383
Cash was disbursed to: Payments to Suppliers and Employees Income Taxes Paid Interest Paid		(12,623) (915)	(10,957) (2,055)
		(13,538)	(13,012)
Net Cash Inflow from Operating Activities	12	5,618	6,371
Cash Flows from Investing Activities			
Cash was provided from: Sale of Fixed Assets		-	6
Cash was Applied to: Purchase of Fixed Assets		(10,271)	(4,264)
Net Cash Outflow from Investing Activities		(10,271)	(4,258)
Cash Flows from Financing Activities			
Cash was Applied to: Dividend Paid to Other Business Activities Repayment Loans		<u>.</u>	-
Net Cash Outflow from Financing Activities			
SUMMARY			
Inflow from Operating Activities Outflow from Investing Activities Outflow from Financing Activities		5,618 (10,271)	6,371 (4,258)
Net (Decrease)\Increase in Cash Holdings		(4,653)	2,113
Add Opening Bank and Short Term Deposits		7,373	5,260
Closing Bank and Short Term Deposits		2,720	7,373



## Lines Business Notes to and Forming Part of the Financial Statements For The Year Ended 31 March 2005

1a	Operating Revenue	2005 \$000	2004 \$000
	Line Charges	26,461	24,451
	A C Loss Rental Rebates	382	608
	Interest P. C. (Coll. ) P. C.	303	379
	Revenue from "Other" Business Other Operating Revenue	3,851	3,512
	Total Operating Revenue	30,997	28,950
1b	Operating Expenditure		
	Transmission Charges	6,886	6,290
	Transfer Payments		
	Asset Maintenance	3,157	2,358
	Consumer Disconnection	3	- 1
	Metering Load Control	3 36	1 20
	Royalty and Patents	- -	-
	Avoid Transmission Charges	-	-
	Other	-	-
	Total Transfer Payments	3,196	2,379
	Non Related Parties		
	Asset Maintenance	91	59
	Consumer Disconnection	-	-
	Metering	-	-
	Load Control Royalty and Patents	- -	-
	Total Specified Expenses to Non Related Parties	91	59
	Salaries, Wages and Redundancies	1,386	1,202
	Consumer Billing and Information System	187	147
	Depreciation		
	System Assets	5,170	4,196
	Other Total Depreciation	239 5,409	231 4,427
	Total Depreciation	3,409	4,427
	Amortisation		
	Goodwill	-	-
	Other Intangibles	-	
	Total Amortisation	<del>-</del>	
	Corporate and Administration	671	568
	Human Resources Expenses	279	351
	Marketing and Advertising	8	87
	Merger and Acquisition Expenses Takeover Defence Expenses	- -	-
	Research and Development Expenses	- -	-
	Consultancy and Legal Expenses	123	113
	Donations	-	-
	Directors Fees	142	135



## Lines Business Notes to and Forming Part of the Financial Statements For The Year Ended 31 March 2005

1b	Operating Expenditure (continued)	2005 \$000	2004 \$000
	Auditors Fees	\$000	\$000
	Principal Auditors	36	27
	Other Auditors	-	-
	Other Audit Services	-	
	Total Auditors Fees	36	27
	Cost of Credit		
	Bad Debts Written Off	3	15
	Doubtful Debts	_	
	Total Cost of Offering Credit	3	15
	Local Authority Rates	132	125
	AC Loss – Rental Rebates	-	-
	Rebates to Consumers Due to Ownership Interest	7,171	6,545
	Subvention Payments	-	-
	Unusual Expenses	93	371
	Other Expenditure	114	137
	Total Operating Expenditure	25,927	22,978
	Operating Surplus Before Interest and Income Tax	5,070	5,972
	Interest Expense		
	Interest Expense on Borrowings	-	-
	Finance Leases	-	-
	Other	-	
	Total Interest Expense		
	Operating Surplus Before Income Tax	5,070	5,972
	Income Tax	989	1,181
	Net Surplus After Taxation	4,081	4,791
1c	Taxation		
	Operating Surplus Before Taxation	5,070	5,972
	Prima Facie Taxation @ 33 cents Movement in Income Tax Due to	1,673	1,971
	Permanent Differences	190	(25)
	Taxation Relating to Previous Periods	190	(25)
	Timing Differences Not Recognised	(874)	(765)
	Deferred Tax Adjustment	(674)	(705)
	Total Taxation Expense per Statement of Financial Performance	989	1,181
	The Taxation Charge is Represented by:		
	Current Taxation	989	1,181
	Deferred Taxation	_	
	Total Taxation Expense per Statement of Financial Performan	ce 989	1,181



## Lines Business Notes to and Forming Part of the Financial Statements For The Year Ended 31 March 2005

		2005 \$000	2004 \$000
2.	Share Capital Issued and Fully Paid Capital Ordinary Shares Redeemable Preference Shares	23,406	23,406
	Total Issued Capital	23,411	23,411
	Share Capital Movements Opening Balance Total Issued Capital	23,411 23,411	23,411 23,411
3.	Reserves Company Establishment Reserve Balance at 31 March	4,647	4,647
	Asset Revaluation Reserve Opening Balance Revaluation Distribution System	74,328	55,163 19,165
	Closing Balance	74,328	74,328
	Total Reserves	78,975	78,975

The Company Establishment Reserve represents the difference between the issued and paid up capital and the net assets vested in the Company from the former North Canterbury Electric Power Board at 1 May 1993.

	vested in the Company from the former North Canterbury Elect	iric Power Board at 1 May	1995.
4.	Retained Earnings Opening Balance Net Surplus	17,110 4,081	12,319 4,791
	Total Retained Earnings	21,191	17,110
5.	Fixed Assets Distribution System Accumulated Depreciation	123,901 4,900 119,001	110,196
	Load Control Equipment Accumulated Depreciation	1,878 270	1,873
		1,608	1,873
	System Fixed Assets Accumulated Depreciation	125,779 5,170	112,069
	System Fixed Assets	_120,609	112,069
	Motor Vehicles Accumulated Depreciation	541 	344 259
		249	85
	Consumer Billing and Information System Assets Accumulated Depreciation	1,790 1,498	1,642 1,362
		292	280
	Office Equipment Accumulated Depreciation	1,017 720	969 664
		297	305



## Lines Business Notes to and Forming Part of the Financial Statements For The Year Ended 31 March 2005

		2005 \$000	2004 \$000
5.	Fixed Assets (continued)		
	Furniture and Fittings Accumulated Depreciation	329 228	319 214
		101	105
	Land and buildings Capital works under construction	-	-
	Other Fixed Assets	-	-
	Accumulated Depreciation		_
	Total Fixed Assets	121,548	112,844
6.	Accounts Receivable		
	Lines Receivables	1,960	1,167
	Prepayments Taxation	58	-
	Other Accounts Receivable	147	76
	Total Accounts Receivable	2,165	1,243
7.	Other Tangible Assets		
8.	Intangible Assets Goodwill	_	_
	Other Intangibles		_
	Total Intangible Assets		_
9.	Current Liabilities		
	Bank Overdraft	-	-
	Short Term Borrowings Payables and Accruals	2,615	1,814
	Provision for Dividend	-	-
	Provision for Income Tax Other Current Liabilities	80	6
	Total Current Liabilities	2,695	1,820
10.	Non Current Liabilities		
	Payables and Accruals	-	-
	Borrowings	-	-
	Deferred Tax Other	161	144
	Total Non Current Liabilities	161	144



### Lines Business Notes to and Forming Part of the Financial Statements For The Year Ended 31 March 2005

#### 11. Transactions with Related Parties

#### (i) MainPower Trust

The major related party of MainPower is the MainPower Trust and during the current financial year there were no related party transactions and no related party debts written off or forgiven and no transaction took place at nil or nominal value.

#### (ii) MainPower Contracting Limited

MainPower Contracting Limited is a wholly owned subsidiary. MainPower Contracting is recognised as a leading power systems contractor, and undertakes a wide range of electricity network construction and maintenance for MainPower and for the contestable power systems contracting market as a whole.

There were no related party debts written off or forgiven and no transaction took place at nil or nominal value.

The amount owing by MainPower New Zealand Limited to MainPower Contracting Limited at balance date was \$796,455 (2004 \$779,411) while the amount owing by MainPower Contracting Limited to MainPower New Zealand Limited at balance date was \$15,703 (2004 \$16,162). Both amounts are payable on normal trading terms.

The following services were supplied by MainPower Contracting Limited to the Lines Business.

		2005	2004
		\$000	\$000
1.	Asset Maintenance	3,157	2,358
2.	Meter Maintenance	3	1
3.	Load Control Maintenance	36	20
4.	Construction of Distribution Substations	252	606
5.	Construction of Distribution Transformers	1,475	1,046
6.	Construction of Low Voltage Reticulation	999	473
7.	Construction of Distribution Lines and Cables	927	1,463
8.	Construction of Subtransmission Assets	-	-
9.	Construction of Other System Assets	48	148
10.	Construction of Medium Voltage Switchgear	-	_
11.	Construction of Zone Substations	-	-
12.	Consumer Connections and Disconnection	-	-

#### (iii) Vircom Energy Management Services Limited

VirCom Energy Management Services Limited from time to time will provide contracting services to MainPower New Zealand Limited, the value of which amounted to \$105,364 (2004 \$nil).

There were no related party debts written off or forgiven and no transaction took place at nil or nominal value.

The amount owing by MainPower New Zealand Limited to VirCom Energy Management Services Limited at balance date was \$9,139 (2004 \$Nil) while the amount owing by VirCom Energy Management Services Limited to MainPower New Zealand Limited at balance date was \$5,645 (2004 \$10,267). Both amounts are payable on normal trading terms.



#### 11. Transactions with Related Parties (continued)

#### (vi) Ellsoft Limited / Energy Link Limited

Both Ellsoft Limited and Energy Link Limited provide advisory services from time to time to MainPower New Zealand Limited, the value of which amounted to \$30,184 (2004 \$8,449).

There were no related party debts written off or forgiven and no transaction took place at nil or nominal value.

The amount owing by MainPower New Zealand Limited to Ellsoft Limited and Energy Link Limited at balance date was Nil (2004 Nil) while the amount owing by Ellsoft Limited and Energy Link Limited to MainPower New Zealand Limited at balance date was Nil (2004 Nil).

#### 12. Reconciliation of Net Surplus to Net Cash Inflow from Operating Activities

	2005 \$000	2004 \$000
Reported Surplus After Taxation	4,081	4,791
Non Cash Items		
Depreciation	5,409	4,427
Customer Contributions	(3,842)	(3,505)
Movement in Gratuities	17	54
	1,584	976
Movements in Working Capital Items		
(Increase)/Decrease Accounts Receivable	(922)	543
Increase/(Decrease) Accounts Payable	875	61
	(47)	604
Net Cash Inflow from Operations	5,618	6,371

#### 13. Financial Instruments

<u>Credit Risk</u>: Financial instruments which potentially subject the company to concentrations of credit risk principally relate to bank deposits and receivables. Bank deposits are placed with high credit quality financial institutions. Concentrations of credit risk with respect to Receivables are subject to normal terms of trade. Regular monitoring of receivables is undertaken.

Foreign Exchange and Currency Instruments: The Company is not exposed to foreign exchange or currency risk.

Off-Balance Sheet Financial Instruments: The Company does not have any off-balance sheet financial instruments.

Fair Values: The fair value of the on-balance sheet financial instruments is represented by the carrying values.

#### 14. Commitments and Contingent Liabilities

There are no significant capital commitments or contingent liabilities as at 31 March 2005 (2004, \$Nil).

#### 15. Significant Events After Balance Date

There are no events subsequent to the balance date that would have or may have an effect on the operation of MainPower, the results of MainPower's operations or the state of the affairs of MainPower.

#### 16. Segmental Reporting

The predominant activity of MainPower is the distribution of electricity. All operations are conducted within New Zealand.



# DISCLOSURE OF FINANCIAL PERFORMANCE MEASURES AND EFFICIENCY PERFORMANCE MEASURES PURSUANT TO THE COMMERCE ACT (ELECTRICITY INFORMATION DISCLOSURE REQUIREMENTS) NOTICE 2004, REQUIREMENT 14.

1.		The Year Ended 31 March ncial Performance Measures	2005	2004	2003	2002				
	As defined in the Electricity ( Information Disclosure ) Regulations 1999 (as amended):									
	a)	Return on Funds	4.09%	5.51%	6.00%	3.96%				
	b)	Return on Equity	3.36%	4.46%	4.60%	3.12%				
	c)	Return on Investment	3.32%	25.80%	(0.39)%	3.11%				
2	Effici	iency Performance Measures								
	a)	Direct line costs per kilometre:	\$988	\$758	\$748	\$643				
	b)	Indirect line costs per customer:	\$73	\$74	\$63	\$63				

Note: Disclosure of Financial Performance Measures and Efficiency Performance Measures for the financial years ended 31 March 2003 and 2002 excludes the Financial Performance Measures and Efficiency Performance Measures applicable to the Kaiapoi Electricity Network. Disclosure of Financial Performance Measures and Efficiency Performance Measures for the financial years ended 31 March 2005 and 2004 includes the Financial Performance Measures and Efficiency Performance Measures applicable to the Kaiapoi Electricity Network.



Bankarda, W. L. M		Symbol in		205			
Derivation Table March 2005	Input and Calculations	formula		ROF	ROE		ROI
Operating surplus before interest and income tax from financial statements	5,070						
Operating surplus before interest and income tax adjusted							
pursuant to regulation 18 (OSBIT)	5,070						
Interest on cash, bank balances, and short-term	303						
investments (ISTI)			<u> </u>	4,767			4,76
OSBIT minus ISTI	4,767	а		4,767			4,50
Net surplus after tax from financial statements	4,081						
Net surplus after tax adjusted pursuant to regulation 18 NSAT)	4,081	n			4,081		
Amortisation of goodwill and amortisation of other intangibles	· ·			1 (40) 1 (40) 1 (40) 1 (40) 1 (40)	The second secon		
	0	g	add	0	add 0	add	
Subvention payment	0	S	add	0	add 0	add	
Depreciation of SFA at BV (x)	5,170						
Depreciation of SFA at ODV (y)	5,170						
ODV depreciation adjustment	of the state of th	d	add	0	add 0	add	
Subvention payment tax adjustment	0	s*t			deduct 0	deduct	医多色异形 医格里氏
nterest tax shield	-100	q				deduct	-10
Revaluations	0	r				add	和数据。据数据1.20mm
ncome tax	989	р				deduct	98
Numerator				4,767	4,081	L	3,87
				OSBIT <sup>ADJ</sup> = a + g + s + d	NSAT <sup>ADJ</sup> = n + g + s - s*t + d	OSBIT <sup>A</sup>	<sup>DJ</sup> = a + g - q + r + s + d - p - s*
Fixed assets at end of previous financial year (FA <sub>0</sub> )	112,844						AND THE REAL PROPERTY AND THE PROPERTY OF THE
	i i					-	
Fixed assets at end of current financial year (FA <sub>1</sub> )	121,548	# 10000 TO THE RESERVE TO THE RESERV				<b>!</b>	
Adjusted net working capital at end of previous financial							
year (ANWC <sub>0</sub> )	-571		<u> </u>				
Adjusted net working capital at end of current financial year							
(ANWC <sub>1</sub> )	-450			and the second s			
Average total funds employed (ATFE)	116,686	C		116,686			116,68
	(or regulation 33 time- weighted average)						
		ACCURACY OF THE PARTY OF THE PA					
Total equity at end of previous financial year (TE <sub>0</sub> )	119,496	***************************************					
Total equity at end of current financial year (TE <sub>1</sub> )	123,577						
Average total equity	121,537	k			121,537		
	(or regulation 33 time-						
	weighted average)						
WUC at end of previous financial year (WUC <sub>0</sub> )					parameter in the second		
	ľ			And the second of the second o			
WUC at end of current financial year (WUC <sub>1</sub> )	0			manife a manife of a control for more of	The second secon		ing and the second seco
Average total works under construction	(or regulation 33 time- weighted average)	ө	deduct	0	deduct	deduct	
Revaluations	8	r					
	0	r/2				deduct	
Half of revaluations	) 	1/2				deduct	
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> )	1						
Average total intangible asset	o	m	·		add 0		
Average total intaligible asset	(or regulation 33 time- weighted average)				auu		
Subvention payment at end of previous financial year (S <sub>0</sub> )	_	<b>-</b>			and a market management of the second	<b>+</b>	
	°			Appendition to a supplication of the state o		<b>!</b>	
Subvention payment at end of current financial year (S <sub>1</sub> )	0		-			1	
Subvention payment tax adjustment at end of previous		]					
financial year	•						
Subvention payment tax adjustment at end of current financial year	0						
Average subvention payment & related tax adjustment		V			add 0	F	Annual Annual Chambers on the control of
***************************************							
System fixed assets at end of previous financial year at							
book value (SFA <sub>bv0</sub> )	112,069				100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<b></b>	
System fixed assets at end of current financial year at book	l .	1	1				
value (SFA <sub>bv1</sub> )	120,609		L-,		1111111000 1000 000 000 000	1	Benjan a ostajen co Jan 2121.
Average value of system fixed assets at book value	116,339 (or regulation 33 time- weighted average)	f	deduct	116,339	deduct 116,339	deduct	116,33
System Fixed assets at year beginning at ODV value	•			AND AND THE RESIDENCE AND APPROXIMENTAL CONTRACTOR OF THE CONTRACT		<u> </u>	
(SFA <sub>odvo</sub> )	112,069	1	1				
(O1 7-0dv0)	1					1	
	120,609		L				
System Fixed assets at end of current financial year at ODV value (SFA <sub>odv1</sub> )			add	116,339	add 116,339	add	116,33
System Fixed assets at end of current financial year at	116,339 (or regulation 33 time-	<u>h</u>					
System Fixed assets at end of current financial year at ODV value (SFA $_{\text{odv1}}$ )	116,339	n		116,686	121,537		
System Fixed assets at end of current financial year at ODV value (SFA <sub>odv1</sub> ) Average value of system fixed assets at ODV value  Denominator	116,339 (or regulation 33 time-	n		116,686 ATFE <sup>ADJ</sup> = c - e - f + h	121,537 Ave TE <sup>ADJ</sup> = k - e - m + v - f + h		116,68 ATFE <sup>ADJ</sup> = c - e - ½r - f +
System Fixed assets at end of current financial year at ODV value (SFA <sub>odv1</sub> ) Average value of system fixed assets at ODV value	116,339 (or regulation 33 time-	n				and Auria - Tonor de Coo	

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



# ANNUAL ODV RECONCILIATION REPORT PURSUANT TO THE COMMERCE ACT (ELECTRICITY INFORMATION DISCLOSURE REQUIREMENTS) NOTICE 2004 REQUIREMENT 16, PART 8

	2005 \$000	2004 \$000
System Fixed Assets - at 1 April	112,069	89,626
Add System Fixed Assets acquired during the year at cost	13,710	7,474
Less System Fixed Assets disposed of during the year at ODV	<u>-</u>	-
Less Depreciation on System Fixed Assets at ODV	(5,170)	(4,196)
Add Revaluations of System Fixed Assets	<del>_</del>	19,165
Equal System Fixed Assets – at 31 March	\$120,609	\$112,069



### DISCLOSURE OF ENERGY DELIVERED EFFICIENCY PERFORMANCE MEASURES AND STATISTICS PURSUANT TO THE COMMERCE ACT (ELECTRICITY INFORMATION DISCLOSURE REQUIREMENTS) NOTICE 2004, REQUIREMENT 20, PART 4

For the Year Ended 31 March 2005 2004 2003 2002

#### 1. <u>Energy Delivery Efficiency Performance Measures</u>

#### (a) Load Factor

Electrical energy entering the distribution system

Maximum demand \* Hours per year

70.84% 69.69% 62.00% 63.84%

(b) Loss Ratio

<u>Distribution losses</u>
Energy entering the system

5.45%

4.56%

5.90%

6.02%

(c) Capacity Utilisation

Maximum demand22.82%24.02%28.25%26.54%Total transformer capacity22.82%24.02%28.25%26.54%

#### 2. Statistics

#### (a) System length, by voltage:

Voltage
400/230
11000/22000
33000
Total

Circuit Length Kms				
2005	2004	2003	2002	
627	691	583	830	
3,241	3,179	3,161	3,211	
310	310	309	286	
4,178	4,180	4,053	4,327	

#### (b) Circuit length of overhead electric lines, by voltage:

	Voltage
L	
Γ	400/230
	11000
	33000
Γ	Total

Circuit Length Kms				
2005	2004	2003	2002	
237	326	284	427	
3,094	3,047	3056	3,116	
307	307	307	284	
3,638	3,680	3,647	3,827	

#### (c) Circuit length of underground electric lines, by voltage:

Voltage	
400/230	
11000	
33000	
Total	

Circuit Length Kms				
2005	2004	2003	2002	
390	365	299	403	
147	132	105	95	
3	3	2	2	
540	500	406	500	



For tl	ne Year Ended 31 March	2005	2004	2003	2002
(d)	Transformer capacity, (kilovolt amperes):	335,695kVA	309,926kVA	274,560kVA	257,475kVA
(e)	Maximum demand (Kilowatts):	76,620kW	74,430kW	77,576kW	68,342kW
(f)	Total electricity entering into the system, before losses of electricity(Kilowatt hours):	475,505,176	454,357,817	421,312,647	382,191,173
(g)	Total amount of electricity supplied from the system, after losses of electricity on behalf of energy retailers (Kilowatt hours):				
	Retailer A	323,096,589	308,454,012	272,241,665	238,037,318
	Retailer B	10,167,829	9,979,410	11,866,784	26,432,514
	Retailer C	73,637,560	110,696,900	108,195,832	88,200,962
	Retailer D	1,396,115	1,950,240	1,324,564	3,044,717
	Retailer E	-	-	249,519	1,264,321
	Retailer F	41,300,025	2,571,320	2,576,003	2,213,909
	Retailer G	-	-	-	-
	Total	449,598,118	433,651,882	365,454,367	359,193,741
(h)	Total customers	30,283	29,082	25,997	25,047

Note: Disclosure of Energy Delivered Efficiency Performance Measures and Statistics for the financial years ended 31 March 2003 and 2002 excludes the Energy Delivered Efficiency Performance Measures and Statistics applicable to the Kaiapoi Electricity Network. Disclosure of Energy Delivered Efficiency Performance Measures and Statistics for the financial years ended 31 March 2005 and 2004 includes the Energy Delivered Efficiency Performance Measures and Statistics applicable to the Kaiapoi Electricity Network.



### DISCLOSURE OF RELIABILITY PERFORMANCE MEASURES PURSUANT TO THE COMMERCE ACT (ELECTRICITY INFORMATION DISCLOSURE REQUIREMENTS) NOTICE 2004, REQUIREMENT 21, PART 4.

#### Disclosure for Statistics Year Ending 31/03/2005

#### Requirement 21(1)

1. Total number of interruptions, together with a breakdown of that total according to interruption class

NETWORK OR GENERATION	Disc Reg	CLASSIFICATION OF	
OWNER	Class	INTERRUPTIONS	
	В	Planned Shut-downs	236
MainPower	C + G	Unplanned Interruptions	58
		Subtotal	294
	A	Planned Shut-downs	1
Trans Power	D	Unplanned Interruptions	2
		Subtotal	3
Other	G	Other Interruptions	
ECNZ	Е	Unplanned Interruptions	
		Subtotal	
		TOTAL	297

- 2. Interruption targets for the following financial year for-
  - (a) Planned interruptions by the line owner (Class B); and
  - (b) Unplanned interruptions originating within the works of the line owner (Class C).
- 3. Average interruption targets for the following financial year and the subsequent 4 financial years for each of-
  - (a) Planned interruptions by the line owner (Class B); and
  - (b) Unplanned interruptions originating within the works of the line owner (Class C).

	Class B Interruptions	Class C Interruptions	
Target 31/03/06	160	1	65
31/03/2006 Avg forecast	165		65
31/03/2007 Avg forecast	155		60
31/03/2008 Avg forecast	155		60
31/03/2009 Avg forecast	150		58
31/03/2010 Avg forecast	145		56

- 4. The proportion {expressed as a percentage} of the total number of Class C interruptions not restored within-
  - (a) 3 hours and;
  - (b) 24 hours.

Not restored within 3 hours- % of Class C	Not restored within 24 hours- % of Class C
25.8%	0%

- 5. With respect to faults per 100 circuit kilometres of prescribed voltage electric line, the following information:
  - (a) The total number of faults; and
  - (b) The total number of faults targeted for the following financial year; and
  - (c) The average total number of faults for that financial year and the subsequent 4 financial years; and
  - (d) A breakdown of the fault information in accordance with paragraphs (a) to (c) by different nominal line voltages.
- 6. The total number of faults per 100 circuit kilometres of underground prescribed voltage electric line, together with a breakdown of that total according to different nominal line voltages.



7. The total number of faults per 100 circuit kilometres of overhead prescribed voltage electric line, together with a breakdown of that total according to different nominal line voltages.

	Lines	Cable	Total	
Nominal Voltage	Faults per	Faults per	Faults per	
	100 km	100 km	100 km	
33 kV	3.27	0.00	3.24	
11 kV	1.44	3.09	1.48	
TOTALS	1.60	3.03	1.6	

	Faults/100km	Faults/100km 33kV	Faults/100km 11kV	
Target 31/03/06	1.60	1	.6	1.60
31/03/2006 Avg forecast	1.72	1	.9	1.70
31/03/2007 Avg forecast	1.52	1	.5	1.55
31/03/2008 Avg forecast	1.52	1	.3	1.55
31/03/2009 Avg forecast	1.46	1	.0	1.53
31/03/2010 Avg forecast	1.44	1	.0	1.50



- 8,12,16 The SAIDI, SAIFI, CAIDI for the total number of interruptions.
- 9,13,17 SAIDI targets for the following financial year for-
  - (a) Planned interruptions by the line owner (Class B); and
  - (b) Unplanned interruptions originating within the works of the line owner (Class C).
- 10,14,18 Average SAIDI targets for the following financial year and the subsequent 4 financial years for each of-
  - (a) Planned interruptions by the line owner (Class B); and
  - (b) Unplanned interruptions originating within the works of the line owner (Class C).

11,15,19 The SAIDI for the total number of interruptions within each interruption class.

NETWORK OR	Disc	CLASSIFICATION	SAIDI SAIFI C		CLASSIFICATION SAIDI SAII		OI SAIFI		CAIDI
<b>GENERATION</b>	Reg	OF	Numerator	Result	Numerator	Result	Result		
OWNER	Class	INTERRUPTIONS	(Cust-min)	(min/Conn		(Int/Conn	(min/Cust		
				Cust)	(Cust-int)	Cust)	int)		
	В	Planned Shut-downs	1477544	49.7782	6465	0.2178	228.5500		
MainPower	C + G	Unplanned Interruptions	1471352	49.5696	21323	0.7183	69.0096		
		Subtotal	2948896	99.3478	27788	0.9361	106.1295		
	A	Planned Shut-downs	393881	13.2698	1747	0.0588	225.6768		
Trans Power	D	Unplanned Interruptions	87592	2.9509	5071	0.1708	17.2769		
		Subtotal	481473	16.2207	6818	0.2296	70.6476		
Other	G	Other Interruptions	0	0.00	0	0.00	0.00		
ECNZ	Е	Unplanned Interruptions	0	0.00	0	0.00	0.00		
		Subtotal	0	0.00	0	0.00	0.00		
	•	TOTAL	3430369	115.5685	34606	1.1657	99.1408		
Common Denominator = Cust.	No of		29682.5						

<u>Class B</u>	SAIDI	SAIFI	CAIDI
Target 31/03/06	45	0.22	204
31/03/2006 Avg forecast	51	0.25	204
31/03/2007Avg forecast	47	0.22	213
31/03/2008 Avg forecast	47	0.21	223
31/03/2009 Avg forecast	46	0.21	219
31/03/2010 Avg forecast	45	0.20	225
Class C	SAIDI	SAIFI	CAIDI
Class C Target 31/03/06	SAIDI 51	SAIFI 0.83	CAIDI 61.4
		~	
Target 31/03/06	51	0.83	61.4
Target 31/03/06 31/03/2006 Avg forecast	51 54	0.83 0.87	61.4 62.1
Target 31/03/06 31/03/2006 Avg forecast 31/03/2007 Avg forecast	51 54 50	0.83 0.87 0.80	61.4 62.1 62.5



#### Requirement 21 (3)

Total number of interruptions, together with a breakdown of that total according to interruption class.

Interruption Class		Number of Interruptions			
		2005	2004	2003	2002
MainPower	Planned Shut-Down (Class B)	236	212	167	154
	Unplanned Interruption ( Class C)	58	82	102	74
Trans Power	Planned Shut-Down (Class A)	1	-	3	3
	Unplanned Interruption ( Class D)	2	1	2	-
Generation	Unplanned Interruption ( Class E)	-	-	-	-
Generation Other	Unplanned Interruption ( Class F)	-	-	-	-
Other	Other Interruptions (Class G)	-	-	-	-
	Unplanned Interruption (Class G)	-	_	-	-
Total	Interruptions	297	295	274	231

2 The total number of faults per 100 circuit kilometres of prescribed voltage electric line.

Nominal Voltage	Faults per 100 km Total			
	2005	2004	2003	2002
33 kV	3.24	4.00	0.35	1.40
11 kV	1.48	2.01	3.23	2.09
TOTAL	1.66	2.18	2.97	2.03

The total number of faults per 100 circuit kilometres of Underground prescribed voltage electric line, together with a breakdown of that total according to different nominal line voltages.

Nominal Voltage				nd
	2005	2004	2003	2002
33 kV	-	-	-	-
11 kV	3.09	1.45	-	3.15
TOTAL	3.03	1.42	-	3.08

The total number of faults per 100 circuit kilometres of Overhead prescribed voltage electric line, together with a breakdown of that total according to different nominal line voltages.

Nominal Voltage	Faults per 100 km Overhead			
	2005	2004	2003	2002
33 kV	3.27	4.03	0.35	1.41
11 kV	1.44	2.03	3.34	2.06
TOTAL	1.60	2.19	3.06	2.01

5 The SAIDI for the total of interruptions:

115.5685 99.64 284.35 213.73

6 The SAIDI for the total number of interruptions within each interruption class:

Network or Generation	Classification	Minutes per Connected Customer			
Owner		2005	2004	2003	2002
MainPower	Planned Shut-Down (Class B)	49.7782	48.59	60.83	108.62
	Unplanned Interruption ( Class C)	49.5696	45.44	77.87	52.12
Trans Power	Planned Shut-Down (Class A)	13.2698	-	74.38	52.98
	Unplanned Interruption ( Class D)	2.9509	6.12	71.27	-
Generation	Unplanned Interruption ( Class E)	-	-	-	-
Generation Other	Unplanned Interruption (Class F)	-	-	-	-
Other	Other Interruptions (Class G)	-	-	-	-
	Unplanned Interruption (Class G)	-	-	-	-

7 The SAIFI for the total number of interruptions:

1.1657 1.21 2.70 1.45



8 The SAIFI for the total number of interruptions within each interruption class:

Network or Generation	Classification	Interruption per Connected Customer (%)			
Owner		2005	2004	2003	2002
MainPower	Planned Shut-Down (Class B)	0.2178	0.21	0.26	0.37
	Unplanned Interruption ( Class C)	0.7183	0.96	1.46	0.87
Trans Power	Planned Shut-Down (Class A)	0.0588	-	0.19	0.21
	Unplanned Interruption (Class D)	0.1708	0.04	0.79	-
Generation	Unplanned Interruption (Class E)	-	-	-	-
Generation Other	Unplanned Interruption (Class F)	-	-	-	-
Other	Other Interruptions (Class G)	-	-	-	-
	Unplanned Interruption (Class G)	-	-	-	-

9 The CAIDI for the total of all interruptions:

99.1408 82.55 105.39 147.82

The CAIDI for the total number of interruptions within each interruption class:

Network or Generation	Classification	Minutes per Customer Interruption				
Owner		2005	2004	2003	2002	
MainPower	Planned Shut-Down (Class B)	228.5500	230.17	236.45	297.04	
	Unplanned Interruption ( Class C)	69.0096	47.50	53.44	59.67	
Trans Power	Planned Shut-Down (Class A)	225.6768	-	387.19	256.28	
	Unplanned Interruption ( Class D)	17.2769	143.00	90.03	-	
Generation	Unplanned Interruption ( Class E)	-	-	-	-	
Generation Other	Unplanned Interruption ( Class F)	-	-	-	-	
Other	Other Interruptions (Class G)	-	-	-	-	
	Unplanned Interruption (Class G)	-	-	-	-	

Note: Disclosure of Reliability Performance Measures for the financial years ended 31 March 2003, and 2002 excludes the Reliability Performance Measures applicable to the Kaiapoi Electricity Network. Disclosure of Reliability Performance Measures for the financial years ended 31 March 2005 and 2004 includes the Reliability Performance Measures applicable to the Kaiapoi Electricity Network.



#### FORM 4

### CERTIFICATION OF FINANCIAL STATEMENTS, PERFORMANCE MEASURES AND STATISTICS DISCLOSED BY DISCLOSING ENTITIES (OTHER THAN TRANSPOWER)

We, P A COX and A BERGE directors of MainPower New Zealand Limited certify that, having made all reasonable enquiries, to the best of our knowledge:

- a) The attached audited financial statements of MainPower New Zealand Ltd, prepared for the purposes of Requirement 6 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 MainPower New Zealand Ltd, 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 31 March 2005.

As \_\_\_\_

P A COX Director

25 July 2005

A BERGE Managing Director



### Deloitte.

#### **AUDIT REPORT**

#### TO THE READERS OF THE FINANCIAL STATEMENTS OF MAINPOWER NEW ZEALAND LIMITED

We have audited the accompanying financial statements of MainPower New Zealand Limited. The financial statements provide information about the past financial performance of MainPower New Zealand Limited and its financial position as at 31 March 2005. This information is stated in accordance with the accounting policies set out on pages 1 and 2.

#### **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 MainPower New Zealand Limited as at 31 March 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 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 judgements made by the Directors in the preparation of the financial statements, and
- whether the accounting policies are appropriate to MainPower New Zealand Limited's 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.

Other than in our capacity as auditor and the provision of financial advice, we have no relationship with or interests in MainPower New Zealand Limited.

#### **Unqualified Opinion**

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

#### In our opinion:

- proper accounting records have been maintained by MainPower New Zealand Limited as far as appears from our examination of those records; and
- the financial statements referred to above:
  - comply with generally accepted accounting practice; and
  - give a true and fair view of the financial position of MainPower New Zealand Limited as at 31 March 2005 and the results of its operations and cash flows for the year then ended; and
  - comply with the Electricity Information Disclosure Requirements 2004.

Our audit was completed on 25 July 2005 and our unqualified opinion is expressed as at that date.

Chartered Accountants Christchurch, New Zealand.



### Deloitte.

#### AUDITORS' OPINION OF PERFORMANCE MEASURES OF MAINPOWER NEW ZEALAND LIMITED

We have examined the attached information, being-

- (a) the derivation table; and
- (b) the annual ODV reconciliation report; and
- (c) the financial performance measures; and
- (d) the financial components of the efficiency performance measures,

that were prepared by MainPower New Zealand Limited and dated 25 July 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.

Chartered Accountants Christchurch, New Zealand.

Delaitte

25 July 2005



#### STATUTORY DECLARATION IN RESPECT OF STATEMENTS AND INFORMATION

#### SUPPLIED TO THE COMMERCE COMMISSION

#### PURSUANT TO REQUIREMENT 36(1) OF THE COMMERCE ACT

#### (ELECTRICITY INFORMATION DISCLOSURE REQUIREMENTS) NOTICE 2004

I, ALLAN BERGE, of 23 Belmont Avenue, Rangiora, being a director of MainPower 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 MainPower New Zealand Limited under the Commerce Commission's Electricity Information Disclosure Requirements 2004.

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

**Managing Director** 

Declared at Rangiora this 10th day of August 2005

before:

B. R. HASSALL
RANGIORA

JUSTICE OF THE PEACE FOR NEW ZEALAND

