

# ANNUAL STATISTICS IN RELATION TO ELECTRIC POWER DEVELOPMENT AND OPERATION

YEAR ENDED 31 MARCH 1975

Condensed Statistics for the Combined Development and Operations of the New Zealand Electricity Department and Distributing Electrical Supply Authorities

		Water	Steam	Oil/Gas	Total	No.
Generating stations .. .. .	No.	66	4	7	77	1
Installed capacity .. .. .	kW	3 591 728	1 002 420	190 327	4 784 475	2
Generation .. .. .	kWh	14 197 209 625	3 992 386 166	162 097 323	18 351 693 114	3
Maximum load .. .. .	kW				3 507 900	4
Retail sales .. .. .	kWh				16 272 285 400	5
Consumers .. .. .	No.				1 214 922	6
Population (mean) .. .. .	No.				3 060 400	7
Population (total) .. .. .	No.				1,913,187,316	8
Capital expenditure, generation, transmission, and distribution .. .. .	\$		196,911,601			10
Revenue retail sales of electricity .. .. .	\$		23,292,651			11
Revenue from other sources .. .. .	\$				220,204,252	12
Total revenue .. .. .	\$		115,177,925			13
Working costs .. .. .	\$		111,434,161			14
Capital charges .. .. .	\$				226,612,086	15
Total costs .. .. .	\$				-6,407,834	16
Net profits .. .. .	c		0.7078			17
Working costs per kWh sold retail .. .. .	c		0.6848			18
Capital charges per kWh sold retail .. .. .	c				1.3926	19
Total costs per kWh sold retail .. .. .	c				1.3532	20
Total revenue per kWh sold retail .. .. .	c				1.2101	21
Revenue retail sales of electricity per kWh sold retail .. .. .	c				5 996	22
Generation per head of mean population .. .. .	kWh				5 910	23
Generation per head of total population .. .. .	kWh				5 317	24
Retail sales per head of mean population .. .. .	kWh				5 240	25
Retail sales per head of total population .. .. .	kWh				13 394	26
Retail sales per total consumers .. .. .	kWh				5.82	27
Ratio of capital charges to capital expenditure .. .. .	%				53	28
Electrical fires reported during year .. .. .	No.				23	29
Total electrical accidents during year (fatal) .. .. .	No.				871 235	30
Electric ranges (domestic) .. .. .	No.				917 945	31
Electric water-heaters (domestic) .. .. .	No.					

TABLE I—NEW ZEALAND ELECTRICITY DEPARTMENT ONLY

Summarised Profit and Loss Account and Loan Repayment for Year Ended 31 March 1975

	\$	\$	\$	\$
Working costs .. .. .		66,491,919	Revenue—	
Capital charges—			Sales of energy .. .. .	115,200,236
Interest .. .. .	50,352,663		Rent and miscellaneous receipts .. .. .	723,530
Depreciation including interest on				115,923,766
Depreciation Account .. .. .	21,787,231		Government subsidy .. .. .	18,539,000
Loan capital repayments .. .. .	12,379,268		Transfer from General Reserve Account .. .. .	16,548,315
Profit and Loss Account total .. .. .		84,519,162		151,011,081
Total costs (see table IV) .. .. .		151,011,081		

TABLE II—NEW ZEALAND ELECTRICITY DEPARTMENT ONLY

Summarised Balance Sheet as at 31 March 1975

	\$	\$	\$	\$
Capital liability .. .. .		1,095,635,939	Completed works .. .. .	1,113,049,945
Internal resources—			Works under construction .. .. .	340,605,877
Depreciation Account .. .. .	216,144,563		Plant, motor vehicles, and tools .. .. .	7,462,269
General Reserve Account .. .. .	183,751,846		Stocks of materials .. .. .	26,779,781
		399,896,409	Capital outlay (see table V) .. .. .	1,487,897,872
			Sundry debtors, etc. .. .. .	5,773,487
			Less sundry creditors .. .. .	1,860,989
			Special Maintenance Suspense Account .. .. .	1,495,532,348
		1,495,532,348		

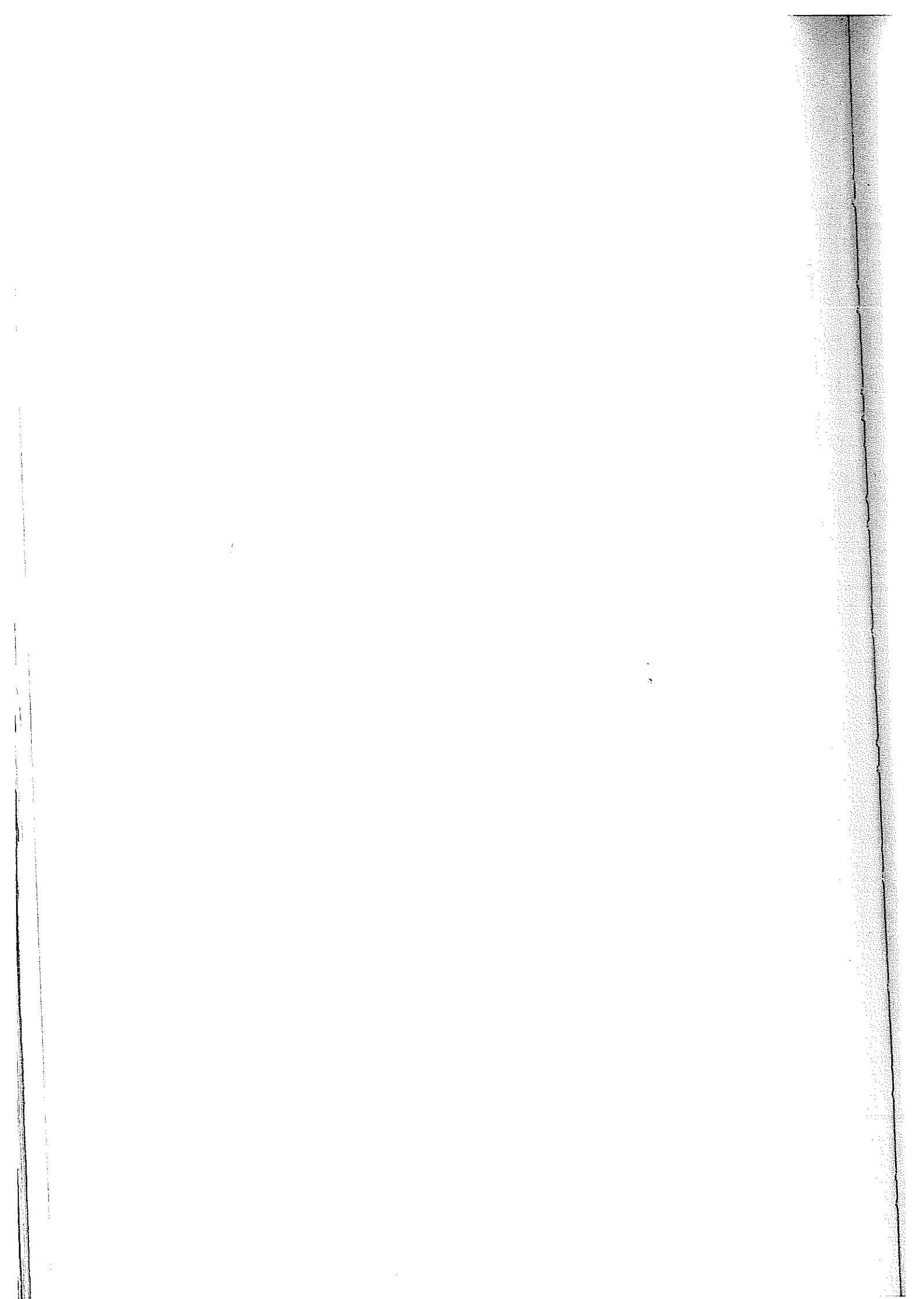


TABLE III—OPERATING RESULTS: NEW ZEALAND ELECTRICITY DEPARTMENT ONLY

	1974-75		1974-75
<b>Maximum load (kilowatts)—</b>		<b>Revenue—</b>	cents
New Zealand 1974-75* .. ..	3 391 300	Per unit output .. ..	0.6414
		Per unit sold .. ..	0.6899
<b>Average load (kilowatts)—</b>		<b>Working costs (including administra-</b>	
New Zealand .. ..	2 049 363	<b>tion)—</b>	
		Per unit output .. ..	0.9702
<b>Average load factor—</b>		Per unit sold .. ..	0.8982
New Zealand .. ..	60.43		
<b>Unit output (generated and purchased)—</b>		<b>Capital charges—</b>	
New Zealand .. ..	17 959 609 543	Per unit output .. ..	0.4706
		Per unit sold .. ..	0.5062
<b>Units sold—</b>		<b>Total costs—</b>	
New Zealand .. ..	16 697 132 252	Per unit output .. ..	0.8408
		Per unit sold .. ..	0.9044
<b>Units unsold (used free of charge)—</b>			
New Zealand .. ..	250 774 501		
<b>Line losses—</b>			
Transmission and distribution— Units	percent		
New Zealand .. .. 1 011 702 790	5.63		

\*See footnote, table VII, for maximum load for total public supply.

TABLE IV—NEW ZEALAND ELECTRICITY DEPARTMENT ONLY  
Analysis of Operating Costs for Year Ended 31 March 1975

	Working Costs (a)	Administration Costs (b)	Capital Charges (c)	Total Costs (d)	Total Cost per kWh	
					Output (e)	Sold (f)
	\$	\$	\$	\$	cents	cents
Hydro-electric stations .. ..	7,102,080	4,174,153	45,473,158	56,749,391	0.4107	.. ..
Thermal stations .. ..	35,779,319	4,373,566	18,654,688	58,807,573	1.4381*	.. ..
Power purchased .. ..	27,394	548	..	27,942	0.4100	.. ..
<b>Generated and purchased .. ..</b>	<b>42,908,793</b>	<b>8,548,267</b>	<b>64,127,846</b>	<b>115,584,906</b>	<b>0.6452*</b>	<b>0.6922</b>
Transmission .. ..	2,607,785	1,532,691	10,833,357	14,973,833	0.0836*	0.0897
Substations .. ..	4,038,615	2,373,642	8,636,440	15,048,697	0.0840*	0.0901
Communications .. ..	710,818	417,774	337,974	1,466,566	0.0082*	0.0088
Retail distribution .. ..	796,511	745,056	583,545	2,125,112	0.0119*	0.0127
System Operation .. ..	1,141,227	670,740	..	1,811,967	0.0101*	0.0108
<b>Totals .. ..</b>	<b>52,203,749</b>	<b>14,288,170</b>	<b>84,519,162</b>	<b>151,011,081</b>	<b>0.8430*</b>	<b>0.9044</b>
Administration (see column (b)) .. ..	14,288,170					
	66,491,919					
		<b>SUMMARY</b>				
		Working Costs .. ..	52,203,749	0.2914*	0.3126	
		Administration .. ..	14,288,170	0.0798*	0.0856	
		Capital charges .. ..	84,519,162	0.4718*	0.5062	
		<b>Total costs .. ..</b>	<b>151,011,081</b>	<b>0.8430*</b>	<b>0.9044</b>	

\*Excludes 47 096 000 kWh fed into national grid during precommissioning tests on machines 1 and 2 at New Plymouth Power Station during 1974-75.

TABLE V—NEW ZEALAND ELECTRICITY DEPARTMENT ONLY  
Analysis of Capital Outlay as at 31 March 1975

	Headworks	Station Buildings and Villages	Generating Plant and Machinery	Total	Grand Total
Completed Works					
	\$	\$	\$	\$	\$
Hydro-electric stations—					
Tongariro Control .. ..	77,407,613	..	..	77,407,613*	..
Tokaanu .. ..	46,502,730	5,675,548	5,663,022	57,841,300*	..
Lake Taupo control .. ..	427,742	..	..	427,742	..
Aratiatia .. ..	10,505,543	2,909,568	2,743,817	16,158,928	..
Ohakuri .. ..	13,977,508	3,162,202	4,004,879	21,144,589	..
Atiamuri .. ..	13,672,412	2,998,190	4,521,623	21,192,225	..
Whakamaru .. ..	14,166,457	3,133,397	4,835,488	22,135,342	..
Maraetai .. ..	22,958,924	7,407,306	9,157,949	39,524,179	..
Waipapa .. ..	10,021,378	2,769,895	2,872,377	15,663,650	..
Arapuni .. ..	3,087,597	1,186,472	2,327,112	6,601,181	..
Karapiro .. ..	5,172,127	1,218,966	2,138,545	8,529,638	..
Matahina .. ..	23,985,070	3,195,931	2,687,581	29,868,582	..
Lake Waikaremoana control .. ..	929,055	..	929,055	929,055	..
Kaitawa .. ..	2,417,820	376,770	628,811	3,423,401	..
Tuai .. ..	550,688	681,464	952,458	2,184,610	..
Piripaua .. ..	1,513,134	216,396	425,419	2,154,949	..
Mangahao .. ..	1,970,532	449,374	838,488	3,258,394	..
Lake Tekapo .. ..	5,165,184	1,208,646	886,267	7,260,097	..
Lake Pukaki control .. ..	4,614,541	..	..	4,614,541	..
Benmore .. ..	38,994,175	9,360,753	7,409,604	55,764,532	..
Aviemore .. ..	26,711,999	5,501,839	5,331,792	37,545,630	..
Waitaki .. ..	3,750,188	3,085,179	2,583,759	9,419,126	..
Lake Wakatipu control .. ..	1,384	5,494	..	6,878	..
Lake Hawea control .. ..	4,907,140	7,800	..	4,914,940	..
Roxburgh .. ..	33,890,781	5,109,666	8,946,959	47,947,406	..
Cobb .. ..	8,272,810	876,365	799,929	9,949,104	..
Arnold .. ..	219,992	32,646	53,334	305,972	..
Lake Coleridge .. ..	1,108,250	486,647	738,214	2,333,111	..

TABLE V—NEW ZEALAND ELECTRICITY DEPARTMENT ONLY—continued  
Analysis of Capital Outlay as at 31 March 1975—continued

	Headworks	Station Buildings and Villages	Generating Plant and Machinery	Total	Grand Total
<i>Completed Works—continued</i>					
	\$	\$	\$	\$	\$
Electric stations—continued	667,576	265,418	359,802	1,292,796	
k	81,024,887	19,017,407	17,897,900	117,940,194	
uri	257,312	167,605	141,580	566,497	
i	458,852,549	80,506,944	88,946,709	..	628,306,202*
	<i>Fuel Handling Equipment</i>				
tations—	966,345	16,706,364	12,447,631	30,120,340	
1..	706,269	3,456,231	11,532,208	15,694,708	
u	5,720,481	10,360,375	22,008,893	38,089,749	
re	21,403,806	9,857,125	12,185,596	43,446,527	
zi	1,529,102	19,369,833	46,628,257	67,527,192	
ymouth	30,326,003	59,749,928	104,802,585	..	194,878,516
	<i>Transmission System—</i>				
a.c.	..	..	..	626,602	..
a.c.	..	..	..	1,722,615	..
a.c.	..	..	..	5,099,241	..
a.c.	..	..	..	27,903,760	..
a.c.	..	..	..	98,277,574	..
a.c.	..	..	..	9,848,169	..
d.c.	..	..	..	6,208,389	..
d.c. (submarine cables)	..	..	..	..	149,685,350
	<i>Transmission Lines—</i>				
/	..	..	..	100,303	..
/	..	..	..	2,312,054	..
/	..	..	..	2,095,907	..
/	..	..	..	6,399,509	..
/	..	..	..	41,117,218	..
/	..	..	..	45,828,746	..
/	..	..	..	21,476,612	..
✓ (converter stations)	..	..	..	..	119,330,349
communications system	..	..	..	..	4,669,813
distribution system	..	..	..	..	8,062,888
stores, land and buildings	..	..	..	..	8,116,827
Total completed works	..	..	..	..	1,113,049,945
<i>Works Under Construction</i>					
Electric stations—	49,661,696	6,000,000	..	55,661,696 <sup>1</sup>	
airoro scheme and Rangipo	7,300,587	..	..	7,300,587	
apouri control	10,637,645	..	..	10,637,645	
nau control	124,724,109 <sup>2</sup>	9,044	3,058,859	127,792,012	
er Waitaki	271,016	257,611	1,395,892	1,924,519	
er stations	192,595,053	6,266,655	4,454,751	..	203,316,459
	<i>Fuel Handling Equipment</i>				
al stations—	..	2,715,320	7,157	2,722,477	
eden B	..	948,991	2,586	951,577	
nuhu	102,430	14,665,751	5,569,542	20,337,723	
illy	..	..	2,046,571	2,046,571	
inaki	940,778	11,917,250	30,268,031	43,126,059	
Plymouth	..	1,367,172	9,864,173	11,231,345	
ford	..	187,250	..	187,250	
is Bay	19,827	454,629	325,452	799,908	
er stations	1,063,035	32,256,363	48,083,512	..	81,402,910
	<i>Transmission System—</i>				
mission system—	..	..	..	17	..
1 kV a.c.	..	..	..	515,121	..
1 kV a.c.	..	..	..	..	..
1 kV a.c.	..	..	..	5,088,669	..
1 kV a.c.	..	..	..	13,304,929	..
1 kV a.c.	..	..	..	728	..
1 kV (submarine cables d.c.)	..	..	..	..	18,879,464
	<i>Transmission Lines—</i>				
1 kV a.c.	..	..	..	10,332	..
3 kV a.c.	..	..	..	200,776	..
0 kV a.c.	..	..	..	12,630	..
6 kV a.c.	..	..	..	826,495	..
0 kV a.c.	..	..	..	5,302,167	..
0 kV a.c.	..	..	..	10,873,669	..
communications system	..	..	..	..	17,226,069
distribution system	..	..	..	..	1,257,570
stores, land, and buildings	..	..	..	..	71,548
research and investigations of other schemes	..	..	..	..	1,120,825
Total works under construction	..	..	..	..	17,331,032
Total capital outlay	..	..	..	..	340,605,877
Total works under construction	..	..	..	..	7,462,269
motor vehicles, and tools	..	..	..	..	26,779,781
stocks of materials	..	..	..	..	1,487,897,872
Total capital outlay	..	..	..	..	..

<sup>1</sup>Reduction compared with 31 March 1974 due to transfer between completed works and works under construction.

<sup>2</sup>Includes establishment costs and central services.

TABLE VI—STATISTICS OF GENERATING PLANTS, SYSTEM VOLTAGES, CIRCUIT-KILOMETRES OF LINES, DISTRIBUTION SUBSTATIONS, ETC., FOR THE YEAR ENDED 31 MARCH 1975

No.	Supply Authorities	Source of Supply <sup>1</sup>	Year When Supply Commenced	Capacity of Generating Plant				Static Head, in Metres	Voltage			Distribution Substations		Circuit-kilometres of Lines
				Water kW	Steam kW	Oil/Gas kW	Total Capacity kW		Generation	Transmission	Distribution*	Number	kVA	
1	NEW ZEALAND ELECTRICITY DEPARTMENT <sup>2</sup>													
2	North Island	G	1921	..	..	..	..	..	..	..	..	..	..	..
3	Arapua	..	..	157 800	..	..	..	..	..	..	..	..	..	..
4	Aratatia	..	..	89 000	..	..	..	..	..	..	..	..	..	..
5	Atiamuri	..	..	84 000	..	..	..	..	..	..	..	..	..	..
6	Karapiro	..	..	39 000	..	..	..	..	..	..	..	..	..	..
7	Mangahao	..	..	19 200	..	..	..	..	..	..	..	..	..	..
8	Maracai	..	..	360 000	..	..	..	..	..	..	..	..	..	..
9	Marsden	..	..	..	240 000	..	..	..	..	..	..	..	..	..
10	Matahina	..	..	72 000	..	..	..	..	..	..	..	..	..	..
11	Meremere	..	..	..	210 000	..	..	..	..	..	..	..	..	..
12	New Plymouth	..	..	..	360 000*	..	..	..	..	..	..	..	..	..
13	Ohakuri	..	..	112 000	..	..	..	..	..	..	..	..	..	..
14	Ohahuhu	..	..	..	..	..	..	..	..	..	..	..	..	..
15	Tokanu	..	..	200 000	..	180 000*	..	..	..	..	..	..	..	..
16	Waikaremoana	..	..	124 000	..	..	..	208	..	..	..	..	..	..
17	Wapapa	..	..	51 000	..	..	..	206; 135; 113	..	..	..	..	..	..
18	Wairakei	..	..	..	192 420	..	..	16	..	..	..	..	..	..
19	Whakamaru	..	..	100 000	..	..	..	38	..	..	..	..	..	..
20	South Island	G	1915	..	..	..	..	..	..	..	..	..	..	..
21	Arnold	..	..	..	..	..	..	..	..	..	..	..	..	..
22	Aviemore	..	..	3 060	..	..	..	..	..	..	..	..	..	..
23	Benmore	..	..	220 000	..	..	..	..	..	..	..	..	..	..
24	Cobb	..	..	540 000	..	..	..	..	..	..	..	..	..	..
25	Coleridge	..	..	32 000	..	..	..	..	..	..	..	..	..	..
26	Highbank	..	..	34 500	..	..	..	..	..	..	..	..	..	..
27	Manapouri	..	..	25 200	..	..	..	..	..	..	..	..	..	..
28	Manapouri	..	..	700 000	..	..	..	..	..	..	..	..	..	..
29	Monowai	..	..	6 000	..	..	..	..	..	..	..	..	..	..
30	Roxburgh	..	..	920 000	..	..	..	..	..	..	..	..	..	..
31	Tekapo	..	..	25 200	..	..	..	..	..	..	..	..	..	..
32	Waitaki	..	..	105 000	..	..	..	..	..	..	..	..	..	..
33	Power Boards			9 470 960	1 002 420	180 000	4 653 380	..	..	..	..	..	..	..
34	Ashburton	G	1923	..	..	..	..	..	..	..	..	..	..	..
35	Auckland	G	1900	..	..	..	..	..	..	..	..	..	..	..
36	Bay of Islands	G	1939	..	..	..	..	..	..	..	..	..	..	..
37	Bay of Plenty	G	1928	..	..	..	..	..	..	..	..	..	..	..
38	Buller	I & G	1949	..	..	297	..	..	..	..	..	..	..	..
39	Cambridge	G	1921	..	..	..	..	..	..	..	..	..	..	..
40	Central Canterbury	G	1963	..	..	..	..	..	..	..	..	..	..	..
41	Central Hawke's Bay	G	1925	..	..	..	..	..	..	..	..	..	..	..
42	Central Waikato	G	1921	..	..	..	..	..	..	..	..	..	..	..
43	Dannevirke	G	1925	..	..	..	..	..	..	..	..	..	..	..
44	Egmont	I & G	1963	..	..	..	..	..	..	..	..	..	..	..
45	Franklin	G	1925	..	..	..	..	..	..	..	..	..	..	..
46	Golden Bay	I & G	1929	..	..	..	..	..	..	..	..	..	..	..
47	Hawke's Bay	G	1927	..	..	..	..	..	..	..	..	..	..	..
48	Horowhenua	G	1924	..	..	..	..	..	..	..	..	..	..	..

(For notes see page 5.)

TABLE VI—STATISTICS OF GENERATING PLANTS, SYSTEM VOLTAGES, DISTRIBUTION SUBSTATIONS, ETC., FOR THE YEAR ENDED 31 MARCH 1975—continued

No.	Supply Authorities	Source of Supply <sup>1</sup>	Year When Supply Commenced	Capacity of Generating Plant			Static Head, in Metres	Generation	Transmission	Voltage		Distribution Substations		Circuit-kilometres of Lines	No.
				Water	Steam	Oil/Gas				Total Capacity	Distribution <sup>1</sup>	Number	kVA		
16	Hutt Valley	G & G	1924	kW	kW	kW	kW	kW	..	33 000; 11 000; 6 600	2 218	716 792	1 798	15	
17	King Country	I & G	1946	6 000	..	..	6 600	..	..	33 000; 11 000; ..	1 272	79 033	2 242	17	
18	Mairāwhāpunga—Oroua	G	1924	..	..	..	..	..	..	33 000; 11 000; ..	1 645	178 175	2 272	18	
19	Marlborough	I & G	1927	1 000	..	..	6 600	..	..	33 000; 11 000; 6 600	1 464	80 751	2 084	19	
20	North Auckland	G	1956	..	..	..	..	..	..	33 000; 11 000; ..	3 332	256 912	4 234	20	
21	North Canterbury	G	1919	..	..	..	..	..	..	33 000; 11 000; ..	2 800	105 106	3 627	21	
22	Otago	G	1926	..	..	..	..	..	..	33 000; 22 000; 11 000; 6 600; 6 350	2 815	147 619	4 191	22	
23	Otago Central	I & G	1923	8 335	..	..	6 600; 3 300; 415; 400	..	..	33 000; 11 000; 6 600	1 268	45 856	2 025	23	
24	Poverty Bay	I & G	1912	..	..	..	6 600; 500 D.C.	..	..	50 000; 11 000	2 184	149 186	2 516	24	
25	South Canterbury	I & G	1925	..	..	..	..	..	..	33 000; 22 000; 11 000; 6 350	3 136	124 084	2 610	25	
26	Taranaki	I & G	1927	4 800	..	..	6 600	..	..	33 000; 11 000; 6 600	1 556	106 487	1 530	26	
27	Taranaki	G	1925	..	..	..	..	..	..	33 000; 11 000; ..	1 042	28 156	1 292	27	
28	Tauranga	I & G	1926	15 000	..	..	11 000	..	..	50 000; 33 000; 11 000; 6 300	1 999	150 265	3 117	28	
29	Te Awarunui	I & G	1921	..	..	..	..	..	..	11 000; ..	976	38 565	1 163	29	
30	Thames Valley	G	1921	..	..	..	..	..	..	50 000; 33 000; 11 000	3 446	479 880	6 321	30	
31	Waikanae	I & G	1953	450	..	..	3 300; 2 500; 400	..	..	33 000; 11 000; ..	1 527	144 921	2 202	31	
32	Waikanae	I & G	1923	770	..	..	3 300	..	..	33 000; 11 000; 3 300	2 446	152 831	2 950	32	
33	Waikanae	I & G	1925	3 478	..	..	3 300; 500; 400	..	..	33 000; 22 000; 11 000; 6 600	642	20 457	955	33	
34	Waikanae	G	1923	..	..	..	..	..	..	11 000; ..	560	14 077	962	34	
35	Waikanae	G	1928	..	..	..	..	..	..	33 000; 11 000	1 518	127 769	1 760	35	
36	Waitemata	I & G	1926	6 000	..	..	11 000	..	..	33 000; 11 000; ..	5 104	976 613	7 670	36	
37	Waitemata	G	1926	..	..	..	6 600; 3 300	..	..	33 000; 11 000; ..	1 486	82 378	1 622	37	
38	Wanganui—Rangitikei	I & G	1925	9 839	..	..	6 600; 3 300; 2 800; 2 200; 420; 415; 400	..	..	33 000; 22 000; 11 000; 6 600	2 801	163 175	3 921	38	
39	West Coast	I & G	1926	3 839	..	..	..	..	..	11 000; ..	932	44 369	1 434	39	
				44 783	7 927	52 710	..	..	..	..	75 572	8 643 310	100 285		
1	Christchurch	G	1903	..	..	..	..	..	..	66 000; 11 000	1 549	681 548	2 503	1	
2	Dunedin	I & G	1907	65 200	..	..	6 000; 2 400	..	..	33 000; 11 000; 6 600	1 563	636 700	1 576	2	
3	Hamilton	B	1913	..	..	..	..	..	..	33 000; 11 000	1 114	134 400	254	3	
4	Invercargill	I & B	1914	..	..	..	..	..	..	33 000; 11 000	257	108 627	367	4	
5	Napier	I & B	1913	..	400	..	3 300	..	..	33 000; 11 000	141	75 825	132	5	
6	Nelson	B	1923	..	..	..	..	..	..	33 000; 11 000	120	64 595	136	6	
7	New Plymouth	I & G	1906	3 500	..	..	6 600	..	..	11 000; ..	1 105	133 572	1 016	7	
8	Palmerston North	I & B	1924	2 000	..	..	3 300	..	..	33 000; 11 000	259	169 400	302	8	
9	Tauranga	I & G	1915	3 440	..	..	3 300	..	..	33 000; 11 000	59	21 175	146	9	
10	Timaru	B	1908	..	..	..	..	..	..	11 000; ..	120	45 300	242	10	
11	Wellington	G	1888	..	..	..	..	..	..	33 000; 11 000; 3 300	519	606 900	2 098	11	
12	Whangarei	B	1915	..	..	..	..	..	..	11 000; ..	147	33 195	137	12	
				72 140	2 400	74 540	..	..	..	..	5 953	2 801 177	8 909		

(For notes see page 6.)

TABLE VI—STATISTICS OF GENERATING PLANTS, SYSTEM VOLTAGES, CIRCUIT-KILOMETRES OF LINES, DISTRIBUTION SUBSTATIONS, ETC., FOR THE YEAR ENDED 31 MARCH 1975—continued

No.	Supply Authorities	Source of Supply <sup>1</sup>	Year When Supply Com-menced	Capacity of Generating Plant				Static Head, in Metres	Generation	Transmission	Voltage		Circuit-kilo-metres of Lines	No.
				Water	Steam	Oil/Gas	Total Capacity				Distribution*	Distribution Substations		
				kW	kW	kW	kW				Number	kVA		
1	Bluff	B	1903	..	..	..	..	..	..	..	40	7 947	33	
2	Kanapoi	B	1917	..	..	..	..	..	..	..	28	7 600	35	
3	Lytelton	G	1917	..	..	..	..	..	..	..	28	8 083	41	
4	Riccarton	G	1916	..	..	..	..	..	..	..	29	15 600	57	
5	Taumarunui	I & B	1924	1 345	..	..	1 345	3 300	..	..	50	8 685	37	
6	Taupo	I & G	1952	2 400	..	..	2 400	3 300	..	..	525	48 775	687	
7	Te Aroha	B	1906	..	..	..	..	..	..	..	36	6 410	81	
8	Thames	B	1914	..	..	..	..	..	..	..	46	10 625	94	
9	Wairoa	B	1913	..	..	..	..	..	..	..	50	7 735	55	
10	Whakatane	B	1922	..	..	..	..	..	..	..	60	13 000	57	
				3 845	..	..	3 845	..	..	..	892	134 510	1 177	
1	Heathcote	G	1914	..	..	..	..	..	..	..	42	12 735	60	
2	Kaikoura	B	1922	..	..	..	..	..	..	..	193	6 199	183	
1	AREA ELECTRIC AUTHORITY	G	1901	..	..	..	..	..	..	..	235	10 874	243	
1	Southern	G	1925	6 000	..	..	6 000	6 600	66 000	..	6 774	295 638	7 400	
	GRAND TOTALS			3 591 728	1 002 420	190 327	4 704 475	..	..	..	90 925	18 037 974	194 121	

Notes.—<sup>1</sup>G = Government supply; B = Bulk supply from another authority; I = Independent supply (over-generation);  
<sup>2</sup>Shown separately but included in New Zealand Electricity Department.  
<sup>3</sup>Gas turbine plant.  
<sup>4</sup>Figures given in route-kilometres.  
<sup>5</sup>Low tension is 400/230 volts, 50 Hertz a.c.  
<sup>6</sup>Includes Southland Electric Power Supply.  
<sup>7</sup>Operated by Tauranga Joint Generation Committee.  
<sup>8</sup>Includes 32 circuit-kilometres belonging to the Tauranga Joint Generation Committee.  
<sup>9</sup>Includes 52 circuit-kilometres belonging to the Tauranga Joint Generation Committee.

TABLE VII—RESULTS OF GENERATION, DISTRIBUTION, AND CONSUMPTION FOR THE YEAR ENDED 31 MARCH 1975

No.	Supply Authorities	Maximum Load kWh	Annual Load Factor %	Units										Units Sold (Average) Per Head of Population	No.	
				Generated			Purchased			Sold						Percentage Non-productive <sup>1</sup> %
				Water kWh	Steam kWh	Oil/Gas kWh	Generated and Purchased kWh	In Bulk for Retail kWh	Retail to Consumers		Non-productive <sup>1</sup> kWh					
									Domestic kWh	Non-domestic kWh						
1	NEW ZEALAND ELECTRICITY DEPARTMENT <sup>4</sup>	3 391 300	60.43	13 816 537 330	3 974 363 000	161 894 200	6 815 013	17 959 609 543	13 786 687 222	168 259 732	2 742 185 298	1 262 477 291	7.03	1		
1	Ashburton	21 177	62.98	..	..	..	116 829 208	116 829 208	..	80 080 851	31 350 503	5 397 854	4.62	1		
2	Auckland	523 376	53.34	..	..	..	2 445 353 106	2 445 353 106	..	1 078 957 416	1 262 477 291	104 166 924	4.62	2		
3	Bay of Islands	25 199	66.25	..	..	..	146 243 287	146 243 287	..	73 291 430	58 202 440	16 299 472	10.09	3		
4	Bay of Plenty	50 216	67.97	..	..	..	299 017 830	299 017 830	..	68 020 020	191 632 003	6 373 406	2.40	4		
5	Buller	9 615	67.48	329 625	..	34	56 503 222	56 503 222	..	14 089 162	39 599 075	3 144 644	5.53	5		
6	Cambridge	10 800	59.48	..	..	..	49 651 470	49 651 470	..	28 494 700	15 358 597	5 798 107	11.68	6		
7	Central Canterbury	55 512	58.72	..	..	..	285 537 744	285 537 744	..	111 412 505	154 650 597	19 053 644	6.88	7		
8	Central Hawke's Bay	11 984	59.63	..	..	..	61 551 884	61 551 884	..	42 396 237	13 315 210	5 840 437	9.49	8		
9	Central Waikato	77 285	51.14	..	..	..	346 218 937	346 218 937	..	194 765 790	123 633 570	27 753 507	8.02	9		
10	Dannevirke	10 560	56.42	..	..	..	52 189 923	52 189 923	..	35 143 626	12 824 908	4 221 389	8.09	10		
11	Egmont	25 580	59.52	1 821 216	..	..	133 370 610	133 370 610	..	67 012 740	56 465 534	9 892 396	7.42	11		
12	Franklin	30 531	58.95	..	..	..	157 659 816	157 659 816	..	86 944 505	54 094 858	10 321 178	3.02	12		
13	Golden Bay	9 684	69.22	978 348	..	..	58 721 153	58 721 153	..	9 067 670	47 879 804	28 073 679	4.96	13		
14	Hawke's Bay	122 273	59.24	..	..	..	634 544 796	634 544 796	..	235 306 270	308 846 828	10 386 442	8.38	14		
15	Horowhenua	144 618	56.14	..	..	..	219 432 992	219 432 992	..	140 008 574	60 996 759	18 427 639	8.40	15		
16	Hutt Valley	218 375	46.02	..	..	..	880 418 858	880 418 858	..	519 008 213	316 419 049	44 890 696	5.11	16		
17	King Country	30 476	44.42	27 037 600	..	..	52 647 826	52 647 826	..	39 563 536	29 084 886	3 328 694	7.97	17		
18	Manawatu-Oroua	78 913	53.33	57 725 150	..	..	368 651 682	368 651 682	..	103 884 007	69 491 496	11 788 189	5.74	18		
19	Marborough	22 631	62.51	7 260 096	..	3 590	116 667 626	116 667 626	..	74 943 669	36 401 391	8 347 223	9.83	19		
20	North Auckland	55 655	70.37	..	..	..	344 059 360	344 059 360	..	103 030 215	160 717 250	13 480 461	4.86	20		
21	North Canterbury	29 620	56.64	..	..	..	146 964 193	146 964 193	..	28 162 230	84 770 045	9 894 510	7.65	21		
22	Otago	27 280	58.21	..	..	..	139 166 596	139 166 596	..	60 203 546	47 531 483	11 371 367	8.17	22		
23	Otago Central	23 031	54.36	57 725 150	..	..	51 959 528	51 959 528	..	1 568 400	60 794 646	11 359 088	10.54	23		
24	Poverty Bay	36 981	53.20	..	..	..	172 354 112	172 354 112	..	103 162 412	52 248 595	8 347 223	9.83	24		
25	South Canterbury	50 891	60.72	..	..	..	270 679 164	270 679 164	..	92 611 200	116 786 536	8 738 143	4.91	25		
26	Taranaki	27 800	59.45	21 740 688	..	..	123 048 453	123 048 453	..	73 248 260	57 231 107	14 309 774	9.88	26		
27	Taranaki	7 306	56.53	..	..	..	36 577 664	36 577 664	..	22 619 790	6 300 214	4 457 660	12.19	27		
28	Tairāngia	54 030	51.16	37 390 160 <sup>7</sup>	..	..	204 806 904 <sup>8</sup>	204 806 904 <sup>8</sup>	..	140 467 468	68 769 173	14 526 894	6.66	28		
29	Te Awamutu	15 217	63.63	..	..	..	84 825 666	84 825 666	..	49 043 625	29 390 173	6 379 128	7.52	29		
30	Thames Valley	144 049	68.02	..	..	..	858 346 948	858 346 948	..	186 635 382	605 181 295	30 632 405	3.72	30		
31	Waimea	48 905	56.82	..	..	..	240 440 472	240 440 472	..	105 506 748	46 226 166	15 337 948	9.18	31		
32	Waikato	35 004	56.71	3 648 220	..	..	165 034 426	165 034 426	..	103 860 918	59 791 163	12 390 570	7.31	32		
33	Waikato	8 691	58.65	13 006 300	..	..	3 030 930	3 030 930	..	4 331 430	2 113 489	2 543 290	18.56	33		
34	Waikato	9 458	58.65	..	..	..	44 451 030	44 451 030	..	13 504 320	10 243 642	1 898 268	7.40	34		
35	Waikato	20 458	58.97	..	..	..	105 674 262	105 674 262	..	63 614 119	35 650 165	6 409 878	6.07	35		
36	Waitemata	193 489	47.31	..	..	184 480	801 735 172	801 735 172	..	538 504 834	218 028 771	45 307 047	5.65	36		
37	Waitemata	17 513	59.71	..	..	..	91 602 864	91 602 864	..	44 103 810	38 875 700	8 623 854	9.41	37		
38	Wanganui-Rangitikei	63 526	55.17	1 673 600	..	..	305 369 250	305 369 250	..	171 768 436	117 720 578	17 553 836	5.72	38		
39	West Coast	19 707	53.48	18 703 053	..	..	73 616 333	73 616 333	..	57 748 164	46 332 617	7 939 182	8.63	39		
				194 181 006	..	180 214	10 743 236 753	10 937 607 973	612 591 894	5 101 250 592	4 619 794 626	603 970 861	5.85	4 464		



TABLE VII—RESULTS OF GENERATION, DISTRIBUTION, AND CONSUMPTION FOR THE YEAR ENDED 31 MARCH 1975

No.	Supply Authorities	Maximum Load	Annual Load Factor	Generated						Generated and Purchased	In Bulk for Retail	Sold		Percentage Non-productive <sup>1</sup>	Units Sold (Average) Per Head of Population	No.		
				Water			Steam		Oil/Gas			Domestic	Non-domestic				kWh	%
				kWh	kWh	kWh	kWh	kWh										
1	Christchurch	292 539	43.28	129 246 100	..	..	..	1 109 050 947	18 980	708 693 627	344 305 482	56 032 858	5.05	4 220	1			
2	Dunedin	140 900	49.37	..	..	..	..	609 322 434	..	377 926 354	208 753 626	22 842 312	3.75	4 111	2			
3	Hamilton	26 712	45.04	..	..	..	..	195 368 001	..	49 328 300	51 388 030	4 681 671	4.44	3 526	3			
4	Invercargill	34 808	51.48	..	..	..	..	156 973 280	..	95 355 120	51 894 196	9 133 964	5.82	4 231	4			
5	Napier	13 140	53.49	..	..	..	..	61 570 500	..	29 356 180	29 712 462	2 501 858	4.06	..	5			
6	Nelson	15 488	54.98	..	..	..	..	74 596 560	..	42 203 153	27 566 709	4 826 698	6.47	4 173	6			
7	New Plymouth	43 167	53.79	16 914 000	..	..	..	203 411 823	..	110 893 738	81 367 461	11 150 624	5.48	3 990	7			
8	Palmerston North	39 910	46.79	..	..	12 909	..	163 560 060	..	107 689 531	45 265 146	10 618 232	6.49	3 589	8			
9	Tauranga	10 818	40.57	20 463 635	..	..	..	38 444 715	..	23 472 462	19 553 977	3 266 988	8.50	5 548	9			
10	Timaru	19 024	55.57	..	..	..	..	92 611 200	..	56 096 548	31 968 156	4 546 496	4.91	4 222	10			
11	Wellington	169 569	44.28	..	..	..	..	657 760 424	..	362 184 700	251 151 770	44 423 954	6.75	4 907	11			
12	Whangarei	14 561	52.35	..	..	..	..	66 771 956	..	36 719 402	25 972 097	4 080 457	6.11	3 508	12			
		..	..	166 623 735	..	12 909	..	3 339 484 749	18 980	1 992 470 545	1 168 809 112	178 106 112	5.33	4 363				
1	Borough Councils	2 372	48.63	..	..	..	..	10 104 024	..	4 839 285	4 342 810	921 929	9.12	2 825	1			
2	Bluff	3 944	45.78	..	..	..	..	15 817 630	..	10 774 190	4 310 490	732 950	4.63	3 436	2			
3	Kaipara	2 880	54.51	..	..	..	..	13 753 270	..	8 174 848	4 934 916	643 506	4.68	4 649	3			
4	Lytelton	10 432	47.79	..	..	..	..	43 677 120	..	23 472 462	18 570 917	1 633 741	3.74	5 888	4			
5	Riccarton	4 420	42.65	3 813 900	..	..	..	16 512 210	5 320	9 269 073	6 365 456	872 361	5.28	3 804	5			
6	Taumarunui	16 506	55.26	16 053 654	..	..	..	63 850 800	..	38 293 648	36 767 240	4 843 566	6.06	4 691	6			
7	Taupo	2 832	45.61	..	..	..	..	6 789 719	..	3 283 209	2 493 188	243 188	10.98	3 180	7			
8	Te Aroha	6 610	42.16	..	..	..	..	24 415 100	..	13 565 982	9 690 961	1 558 157	4.74	3 844	8			
9	Thames	4 290	50.04	..	..	..	..	18 804 800	..	12 313 580	5 143 700	3 347 450	7.16	3 100	9			
10	Waioata	7 767	48.49	..	..	..	..	32 992 321	..	20 937 063	9 839 288	2 215 970	6.72	3 517	10			
	Whakatane	..	..	19 867 554	..	..	..	247 429 491	5 320	148 429 850	103 249 057	15 612 818	5.84	4 106				
1	Heathcote	3 245	49.20	..	..	..	..	35 532 910	..	20 476 210	13 546 138	1 510 562	4.25	4 945	1			
2	Kaikoura	2 292	61.48	..	..	..	..	12 344 600	..	6 871 300	3 868 500	1 604 800	13.00	3 808	2			
	Sundry Private Plants	..	..	..	18 023 166	..	..	..	18 023 166	..	..	..	..	..				
1	AREA ELECTRIC AUTHORITY	48 176	47.21	..	..	..	..	199 228 988	109 278	115 759 737	67 234 703	16 125 270	8.09	3 306	1			
	Rotorua	..	..	..	..	..	..	199 228 988	109 278	115 759 737	67 234 703	16 125 270	8.09	3 306				
1	GOVERNMENT DEPARTMENT	98 929	51.63	23 573 700	..	..	..	447 479 515	167 077 304	150 613 622	112 347 270	17 441 319	6.22	3 818	1			
	Southland	..	..	23 573 700	..	..	..	447 479 515	167 077 304	150 613 622	112 347 270	17 441 319	6.22	3 818				
	GRAND TOTALS	..	..	14 197 209 625	3 992 986 166	162 097 923	..	..	..	7 553 517 966	8 718 767 434	2 079 407 714	11.33*	..	..			
		..	..	..	18 351 693 114	..	..	..	..	..	18 351 693 114	..	..	..	..			

**Units generated per head of total population, 5 910 kWh.**  
**Units sold retail per head of mean population, 5 240 kWh.**  
**supply: New Zealand, 3 507 900 kW.**  
**Annual load factor: New Zealand, 59.72 percent.**  
**Units sold retail per head of mean population, 5 996 kWh.**  
**Maximum load for public supply: New Zealand, 3 517 kWh.**

<sup>1</sup>Percentage of total units generated.  
<sup>2</sup>Percentage calculated on generated plus purchased less bulk for resale except New Zealand Electricity Department.  
<sup>3</sup>Percentage of total units generated.  
<sup>4</sup>Percentage calculated on generated plus purchased less bulk for resale except New Zealand Electricity Department.  
<sup>5</sup>Percentage of total units generated.  
<sup>6</sup>Percentage calculated on generated plus purchased less bulk for resale except New Zealand Electricity Department.  
<sup>7</sup>Percentage of total units generated.  
<sup>8</sup>Percentage calculated on generated plus purchased less bulk for resale except New Zealand Electricity Department.  
<sup>9</sup>Percentage of total units generated.  
<sup>10</sup>Percentage calculated on generated plus purchased less bulk for resale except New Zealand Electricity Department.  
<sup>11</sup>Percentage of total units generated.  
<sup>12</sup>Percentage calculated on generated plus purchased less bulk for resale except New Zealand Electricity Department.

**Units generated per head of mean population, 5 996 kWh.**  
**Units sold retail per head of mean population, 5 317 kWh.**

<sup>1</sup>Percentage calculated on generated plus purchased less bulk for resale except New Zealand Electricity Department.  
<sup>2</sup>Percentage of total units generated.  
<sup>3</sup>Percentage calculated on generated plus purchased less bulk for resale except New Zealand Electricity Department.  
<sup>4</sup>Percentage of total units generated.  
<sup>5</sup>Percentage calculated on generated plus purchased less bulk for resale except New Zealand Electricity Department.  
<sup>6</sup>Percentage of total units generated.  
<sup>7</sup>Percentage calculated on generated plus purchased less bulk for resale except New Zealand Electricity Department.  
<sup>8</sup>Percentage of total units generated.  
<sup>9</sup>Percentage calculated on generated plus purchased less bulk for resale except New Zealand Electricity Department.  
<sup>10</sup>Percentage of total units generated.  
<sup>11</sup>Percentage calculated on generated plus purchased less bulk for resale except New Zealand Electricity Department.  
<sup>12</sup>Percentage of total units generated.

No.	Supply Authorities	Revenue				Cost of Energy				No.		
		Sales of Energy		Trading Account Profit	Other Sources	Total	Operating Costs <sup>a</sup>	Management and General	Capital Charges <sup>b</sup>		Total	
		Retail	Bulk for Resale <sup>c</sup>									Total
1	NEW ZEALAND ELECTRICITY DEPARTMENT <sup>e</sup>	\$ 11,418,025	\$ 103,782,211	\$ ..	\$ 19,262,530	\$ 134,462,766	\$ 42,881,399	\$ 8,548,267	\$ 64,127,846	\$ 115,557,512	\$ 27,394	\$ 115,584,906
1	POWER BOARDS											
1	Ashburton ..	1,529,971	..	50,235	46,307	1,626,513	..	..	..	..	806,576	806,576
2	Auckland ..	29,714,150	..	..	358,014	30,072,164	..	..	..	..	18,601,548	18,601,548
3	Bay of Islands ..	2,122,960	..	..	45,736	2,168,786	..	..	..	..	966,050	966,050
4	Bay of Plenty ..	2,879,334	273,945	12,858	77,669	3,243,806	..	..	..	..	1,950,523	1,950,523
5	Buller ..	635,008	..	5,292	4,794	645,406	5,209	..	..	..	369,035	374,244
6	Cambridge ..	606,304	..	700	5,400	612,404	..	..	..	..	375,736	375,736
7	Central Canterbury ..	4,059,239	3,478	14,713	56,328	4,133,758	..	..	..	..	2,044,874	2,044,874
8	Central Hawke's Bay ..	763,683	..	..	6,973	770,656	..	..	..	..	434,032	434,032
9	Central Waikato ..	4,619,917	709	25,568	32,559	4,678,753	..	..	..	..	2,702,993	2,702,993
10	Dannevirke ..	692,394	..	5,511	7,239	705,144	..	..	..	..	379,815	379,815
11	Egmont ..	1,682,086	..	11,721	34,514	1,728,321	3,442	..	..	3,442	901,947	905,389
12	Franklin ..	2,003,629	9,841	..	24,234	2,031,704	..	..	..	..	1,138,182	1,138,182
13	Golden Bay ..	529,184	..	777	14,397	544,358	3,580	..	400	3,980	378,878	382,858
14	Hawke's Bay ..	6,384,874	483,168	33,057	71,187	6,972,286	..	..	..	..	4,542,151	4,542,151
15	Horowhenua ..	3,238,041	..	53,435	40,454	3,331,930	..	..	..	..	1,624,765	1,624,765
16	Hutt Valley ..	12,634,681	..	9,098	216,277	12,860,056	..	..	..	..	7,310,310	7,310,310
17	King Country ..	760,661	125,650	1,638	137,366	1,025,315	31,704	750	59,047	91,501	420,200	511,701
18	Manawatu-Oroua ..	2,889,194	1,338,936	17,722	11,078	4,256,930	..	..	..	..	2,811,752	2,811,752
19	Marlborough ..	1,818,326	..	945	119,830	1,939,101	36,663	1,987	..	38,650	806,337	843,007
20	North Auckland ..	3,926,600	576,572	37,112	40,753	3,981,037	..	..	..	..	2,150,571	2,150,571
21	North Canterbury ..	1,790,652	231,020	9,119	24,482	2,055,273	..	..	..	..	1,057,985	1,057,985
22	Otago ..	1,793,605	..	16,773	28,644	1,779,022	..	..	..	..	1,012,224	1,012,224
23	Otago Central ..	1,230,139	6,587	18,452	30,286	1,285,464	43,991	19,552	18,560	82,103	430,452	512,555
24	Powerty Bay ..	2,362,528	..	15,388	94,566	2,472,482	37,784	12,364	..	50,148	1,297,935	1,348,083
25	South Canterbury ..	2,641,112	694,748	76,557	40,828	3,453,245	..	..	..	..	1,902,536	1,902,536
26	Taranaki ..	1,620,500	..	..	25,426	1,645,926	42,832	15,845	44,314	102,991	845,420	948,411
27	Tararua ..	564,341	..	706	15,179	580,226	..	..	..	..	265,129	265,129
28	Tauranga <sup>o</sup> ..	3,211,599	147,378	..	60,562	3,419,539	72,468	15,841	72,865	161,174	1,476,392	1,637,566
29	Te Awamutu ..	562,240	161	..	14,855	577,970	..	..	..	..	573,354	573,354
30	Thames Valley ..	8,178,088	316,748	24,615	47,221	8,566,672	..	..	..	..	5,597,884	5,597,884
31	Waimea ..	2,106,402	569,077	23,350	99,388	2,798,217	2,364	1,000	..	3,364	1,769,435	1,772,799
32	Wairarapa ..	2,599,278	..	23,133	16,782	2,639,193	7,162	5,022	..	12,184	1,248,118	1,260,302
33	Wairere ..	238,844	18,192	5,524	3,767	266,327	28,120	13,192	28,642	69,954	25,460	95,414
34	Wairoa ..	352,020	155,963	15,109	33,447	556,539	..	..	..	..	334,671	334,671
35	Waitaki ..	1,497,514	..	8,143	27,792	1,533,449	..	..	..	..	759,894	759,894

(For notes see page 14.)

TABLE VIII (PART I)—FINANCIAL RESULTS OF GENERATION, DISTRIBUTION, AND OPERATION FOR THE YEAR ENDED 31 MARCH 1975—continued

No.	Supply Authorities	Revenue										Cost of Energy					No.
		Sales of Energy		Trading Account Profit	Other Sources	Total	Operating Costs <sup>1</sup>	Management and General	Capital Charges <sup>2</sup>	Total	Purchased <sup>1</sup>	Total					
		Retail	Bulk for Resale <sup>1</sup>														
		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$					
<b>POWER BOARDS—continued</b>																	
36	Waitemata ..	12,626,706	..	10,533	234,469	12,871,708	20,026	..	..	6,438,022	6,458,048	36					
37	Waitomo ..	1,221,762	..	11,916	78,904	1,312,582	..	..	..	647,227	647,227	37					
38	Wanganui-Rangitikei ..	3,987,614	..	101,960	100,689	4,190,263	3,607	..	859	2,308,537	2,313,003	38					
39	West Coast ..	1,609,366	1,258	4,794	23,219	1,638,637	78,105	61,380	75,213	571,474	786,172	39					
		133,424,546	4,947,431	647,258	2,351,615	141,370,850	417,057	147,792	299,041	79,278,444	80,142,334						
<b>CITY COUNCILS</b>																	
1	Christchurch ..	14,760,124	177	45,843	147,617	14,953,761	393,787	226,505	135,098	9,563,951	9,563,951	1					
2	Dunedin ..	7,677,599	..	22,136	182,025	7,881,760	..	..	..	3,024,998	3,780,388	2					
3	Hamilton ..	1,831,282	..	..	16,704	1,847,986	..	..	..	890,311	890,311	3					
4	Invercargill ..	1,965,522	..	..	25,803	1,991,325	..	..	..	1,240,900	1,240,900	4					
5	Napier ..	957,012	..	21,599	5,817	984,428	..	..	..	483,168	483,168	5					
6	Nelson ..	1,056,164	..	..	19,482	1,075,646	..	..	..	569,789	569,789	6					
7	New Plymouth ..	2,676,838	..	69,949	12,009	2,758,796	62,359	11,000	..	1,382,326	1,455,685	7					
8	Palmerston North ..	2,059,008	..	7,836	12,355	2,079,199	3,785	..	..	1,338,936	1,342,721	8					
9	Tauranga ..	517,197	..	..	9,517	526,714	65,512	25,712	80,253	147,378	318,855	9					
10	Timaru ..	1,294,011	..	18,643	24,867	1,337,521	..	..	..	694,748	694,748	10					
11	Wellington ..	9,239,118	..	21,431	179,559	9,440,108	..	..	..	5,588,444	5,588,444	11					
12	Whangarei ..	980,337	..	30	1,874	982,241	..	..	..	576,097	576,097	12					
		45,014,212	177	207,467	637,629	45,859,485	525,443	263,217	215,351	25,501,046	26,505,057						
<b>BOROUGH COUNCILS</b>																	
1	Bluff ..	152,550	..	7,036	2,602	162,188	..	..	..	85,485	85,485	1					
2	Kaipoi ..	205,411	..	4,671	3,612	213,694	..	..	..	129,815	129,815	2					
3	Lytelton ..	189,929	..	2,574	2,424	194,927	..	..	..	103,108	103,108	3					
4	Riccarton ..	555,378	..	..	9,274	564,652	..	..	..	357,503	357,503	4					
5	Taurarunui ..	221,931	50	1,694	29,441	253,116	11,818	..	..	125,650	137,468	5					
6	Taupo ..	1,074,191	..	..	20,481	1,094,672	24,031	816	29,374	486,448	540,669	6					
7	Te Aroha ..	157,602	..	12,429	343	170,374	..	..	..	98,149	98,149	7					
8	Thames ..	345,623	..	455	1,768	347,846	..	..	..	217,532	217,532	8					
9	Wairoa ..	255,979	..	..	900	256,879	..	..	..	155,963	155,963	9					
10	Whakatane ..	497,297	..	..	5,039	502,336	..	..	..	273,945	273,945	10					
		9,655,891	50	28,859	75,884	3,760,684	35,849	816	29,374	2,033,598	2,099,637						

(For notes see page 14.)

TABLE VIII (PART I)—FINANCIAL RESULTS OF GENERATION, DISTRIBUTION, AND OPERATION FOR THE YEAR ENDED 31 MARCH 1975—continued

No.	Supply Authorities	Revenue						Cost of Energy						No.
		Sales of Energy		Trading Account Profit	Other Sources	Total	Operating Costs <sup>2</sup>	Generation			Purchased <sup>1</sup>	Total		
		Retail	Bulk for Resale <sup>1</sup>					Management and General	Capital Charges <sup>3</sup>	Total				
1	Heathcote .. .. .	\$ 383,780	\$ ..	\$ ..	\$ 8,520	\$ 392,300	\$ ..	\$ ..	\$ ..	\$ ..	\$ ..	\$ 282,018	\$ 282,018	1
2	Kaikoura .. .. .	176,569	..	..	4,980	181,549	..	..	..	..	..	101,205	101,205	2
		560,349	..	..	13,500	573,849	..	..	..	..	..	383,223	383,223	
1	AREA ELECTRIC AUTHORITY	2,838,578	1,421	..	67,909	2,907,908	..	..	..	..	..	1,636,761	1,636,761	1
		2,838,578	1,421	..	67,909	2,907,908	..	..	..	..	..	1,636,761	1,636,761	
1	GOVERNMENT DEPARTMENT	..	..	..	..	..	..	..	..	..	..	..	..	1
	Southland <sup>5</sup> .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	
	Totals .. .. .	196,911,601	108,731,290	883,584	22,409,067	328,935,542	43,859,748	8,960,092	64,671,612	117,491,452	108,860,466	226,351,918		
	Less bulk for resale .. .. .	..	108,731,290	..	..	108,731,290	..	..	..	..	..	108,731,290	108,731,290	
	Net revenue and cost .. .. .	196,911,601	..	883,584	22,409,067	220,204,252	43,859,748	8,960,092	64,671,612	117,491,452	129,176,917	117,620,628		

(For notes see page 14.)

TABLE VIII (PART II)—FINANCIAL RESULTS OF GENERATION, DISTRIBUTION, AND OPERATION FOR THE YEAR ENDED 31 MARCH 1975

No.	Supply Authorities	Cost of Energy Total	Cost of Transmission and Distribution			Total Annual Costs	Net Results—Surplus	Appropriation of Surplus for Capital Works	No.
			Operation and Maintenance*	Management and General	Capital Charges†				
1	NEW ZEALAND ELECTRICITY DEPARTMENT <sup>4</sup>	\$ 115,584,906	\$ 9,294,956	\$ 5,739,903	\$ 20,391,316	\$ 35,426,175	\$ 151,011,081	\$ -16,548,315	1
	POWER BOARDS								
1	Ashburton ..	806,576	220,290	179,465	139,049	538,804	1,345,380	281,133	1
2	Auckland ..	18,601,548	4,070,591	2,410,674	4,379,710	10,860,975	29,462,523	609,641	2
3	Bay of Islands ..	966,050	462,091	181,696	381,898	1,025,685	1,991,735	177,051	3
4	Bay of Plenty ..	1,950,523	420,818	317,841	595,952	1,334,611	3,285,134	41,328	4
5	Buller ..	374,244	94,378	94,357	76,571	265,306	639,550	5,544	5
6	Cambridge ..	375,736	69,476	72,862	37,928	180,266	556,002	87,355	6
7	Central Canterbury ..	2,044,874	212,555	681,296	489,958	1,383,809	3,428,683	705,075	7
8	Central Hawke's Bay ..	434,032	100,525	91,231	59,676	251,432	685,464	82,774	8
9	Central Waikato ..	2,702,993	575,478	606,112	781,355	1,962,945	4,665,938	12,815	9
10	Dannevirke ..	379,815	75,788	118,395	73,036	267,219	647,034	58,110	10
11	Egmont ..	905,389	403,837	269,715	111,667	785,219	1,650,608	37,713	11
12	Franklin ..	1,138,182	183,975	251,302	296,018	731,295	1,869,477	162,227	12
13	Golden Bay ..	382,858	62,472	44,564	36,252	143,288	526,146	18,212	13
14	Hawke's Bay ..	4,542,151	678,761	703,732	608,778	1,993,291	6,535,442	436,844	14
15	Horowhenua ..	1,624,765	461,033	434,483	595,224	1,490,740	3,115,505	216,425	15
16	Hutt Valley ..	7,310,310	2,184,792	1,610,890	1,458,799	5,254,481	12,564,791	295,265	16
17	King Country ..	511,701	115,052	101,028	180,393	396,473	908,174	117,141	17
18	Manawatu-Oroua ..	2,811,752	556,247	318,810	598,349	1,473,406	4,285,158	415,736	18
19	Marlborough ..	845,007	359,762	250,331	401,589	1,005,682	1,850,689	67,470	19
20	North Auckland ..	2,150,571	417,959	498,449	970,013	1,886,421	4,036,992	99,256	20
21	North Canterbury ..	1,057,985	352,819	240,202	295,209	888,230	1,946,215	109,058	21
22	Otago ..	1,012,224	236,522	157,997	266,820	661,339	1,673,563	78,502	22
23	Otago Central ..	512,555	194,257	177,520	258,335	630,112	1,142,667	74,816	23
24	Poverty Bay ..	1,348,083	491,376	301,438	435,975	1,228,789	2,576,872	9,339	24
25	South Canterbury ..	1,902,536	376,700	363,235	381,373	1,121,308	3,023,844	233,136	25
26	Taranaki ..	948,411	226,951	191,403	209,095	627,449	1,575,860	70,066	26
27	Tararua ..	265,129	91,905	79,610	123,379	294,894	560,023	20,203	27
28	Tauranga <sup>9,10</sup> ..	1,637,566	748,737	351,607	584,964	1,685,308	3,322,874	85,604	28
29	Te Awamutu ..	573,354	153,059	130,763	91,739	375,561	948,915	29,055	29
30	Thames Valley ..	5,597,884	1,075,371	651,407	937,528	2,664,606	8,262,490	304,182	30
31	Waimea ..	1,772,799	363,704	291,077	272,307	927,088	2,699,887	98,330	31
32	Wairarapa ..	1,260,302	384,651	265,865	633,642	1,284,158	2,544,460	94,733	32
33	Waikare ..	95,414	89,200	26,706	51,414	167,320	262,734	3,593	33
34	Waioata ..	334,671	83,495	75,190	57,947	216,032	550,703	5,836	34
35	Wairaki ..	759,894	299,984	109,772	330,866	740,622	1,500,516	32,933	35

(For notes see page 14.)

TABLE VIII (PART II)—FINANCIAL RESULTS OF GENERATION, DISTRIBUTION, AND OPERATION FOR THE YEAR ENDED 31 MARCH 1975—continued

No.	Supply Authorities	Cost of Energy Total	Cost of Transmission and Distribution				Total Annual Costs	Net Results—Surplus	Appropriation of Surplus for Capital Works	No.
			Operation and Maintenance*	Management and General	Capital Charges*	Total				
<b>POWER BOARDS—continued</b>										
36	Waitemata ..	\$ 6,458,048	\$ 2,179,976	\$ 1,200,349	\$ 2,448,057	\$ 5,828,382	\$ 12,286,430	\$ 323,472	36	
37	Waitomo ..	647,227	167,508	133,982	275,568	577,058	1,224,285	109,320	37	
38	Wanganui-Rangitikei ..	2,313,003	634,260	388,729	638,770	1,661,759	3,974,762	205,766	38	
39	West Coast ..	786,172	260,875	348,827	236,124	845,826	1,631,998	12,300	39	
		80,142,334	20,131,230	14,724,932	20,801,027	55,657,189	135,799,523	6,020,957		
<b>CITY COUNCILS</b>										
1	Christchurch ..	9,563,951	1,248,004	1,272,578	1,872,539	4,393,121	13,957,072	996,689	1	
2	Dunedin ..	3,780,388	1,109,446	1,098,753	836,641	3,044,840	6,825,228	400,000	2	
3	Hamilton ..	890,311	176,538	319,301	22,574	518,413	1,408,724	241,565	3	
4	Invercargill ..	1,240,900	277,656	174,606	150,205	602,467	1,843,367	106,493	4	
5	Napier ..	483,168	144,023	171,708	235,695	551,426	1,034,594	43,128	5	
6	Nelson ..	569,789	218,848	97,320	79,965	390,133	959,922	107,322	6	
7	New Plymouth ..	1,455,685	401,893	172,183	231,369	805,445	2,261,130	391,370	7	
8	Palmerston North ..	1,342,721	171,125	232,559	158,162	561,846	1,904,567	134,849	8	
9	Tauranga <sup>1</sup> ..	318,855	56,915	38,571	14,772	110,258	429,113	108,662	9	
10	Timaru ..	694,748	162,319	146,764	116,708	425,791	1,120,539	91,948	10	
11	Wellington ..	5,588,444	1,469,351	986,899	1,071,702	3,527,952	9,116,396	923,712	11	
12	Whangarei ..	576,097	116,320	81,916	57,688	255,924	832,021	150,220	12	
		26,505,057	5,552,438	4,793,458	4,842,020	15,187,616	41,692,673	4,177,873		
<b>BOROUGH COUNCILS</b>										
1	Bluff ..	85,485	33,733	19,479	12,562	65,774	151,259	10,929	1	
2	Kaipoi ..	129,815	10,696	44,038	28,518	83,252	213,067	627	2	
3	Lytelton ..	103,108	34,622	23,787	1,065	59,474	162,582	32,945	3	
4	Riccarton ..	357,503	61,998	74,523	27,899	164,420	521,923	42,729	4	
5	Taumarunui ..	137,468	27,794	35,650	31,279	94,723	232,191	20,925	5	

(For notes see page 14.)

TABLE VIII (PART II)—FINANCIAL RESULTS OF GENERATION, DISTRIBUTION, AND OPERATION FOR THE YEAR ENDED 31 MARCH 1975—continued

No.	Supply Authorities	Cost of Energy Total	Cost of Transmission and Distribution			Total Annual Costs	Net Results—Surplus	Appropriation of Surplus for Capital Works	No.
			Operation and Maintenance <sup>1</sup>	Management and General	Capital Charges <sup>2</sup>				
6	Borough Councils—continued	\$ 540,669	\$ 114,532	\$ 215,542	\$ 191,605	\$ 1,062,348	\$ 32,324	\$ 73,802	6
7	Taupo .. .. .	98,149	34,213	18,870	4,696	155,928	14,446	4,650	7
8	Te Aroha .. .. .	217,532	29,051	32,091	11,002	289,676	58,170	24,231	8
9	Thames .. .. .	155,963	24,206	28,030	17,610	225,809	31,070	28,953	9
10	Waikato .. .. .	273,945	31,990	73,004	22,927	401,866	100,470	59,547	10
	Whakatane .. .. .								
		2,099,637	402,835	565,014	349,163	3,416,649	344,035	202,874	
1	County Councils	282,018	11,537	52,922	54,224	400,701	-8,401	..	1
2	Heathcote .. .. .	101,205	74,349	14,298	49,657	239,509	-57,960	..	2
	Kaikoura .. .. .	383,223	85,886	67,220	103,881	640,210	-66,361	..	
1	Area Electric Authority	1,636,761	461,466	409,871	275,142	2,783,240	124,668	129,112	1
	Rotorua .. .. .	1,636,761	461,466	409,871	275,142	2,783,240	124,668	129,112	
1	Government Department	..	..	..	..	..	..	..	1
	Southland <sup>5</sup> .. .. .	..	..	..	..	..	..	..	
	Totals .. .. .	226,351,918	35,928,811	26,300,098	46,762,549	335,343,376	-6,407,834	8,597,549	
	Less Bulk for resale .. .. .	108,731,290	..	..	..	108,731,290	..	..	
	Net revenue and cost .. .. .	117,620,628	35,928,811	26,300,098	46,762,549	236,612,086	-6,407,834	8,597,549	

Notes—<sup>1</sup>Transactions between supply authorities adjusted to lower figure where rebate is known.

<sup>2</sup>Includes Southland Electric Power Supply.

<sup>3</sup>Included with New Zealand Electricity Department.

<sup>4</sup>Includes subsidy from Vote: Stabilisation of \$18,539,000.

<sup>5</sup>As for note 8, table VII, and as a consequence the generating costs of the T.J.G.C. are shown as the Tauranga Electric Power Board.

<sup>6</sup>Surplus of T.J.G.C. has been apportioned between the two supply authorities involved.

<sup>7</sup>Actual running costs including fuel, wages, stores, repairs and maintenance.

<sup>8</sup>Purchases from sources other than New Zealand Electricity Department or supply authority.

<sup>9</sup>For detailed analysis see Table IX.

<sup>10</sup>Capital Expenditure

TABLE IX—ANALYSIS OF CAPITAL CHARGES FOR THE YEAR ENDED 31 MARCH 1975

No.	Supply Authorities	Interest		Sinking Fund and Principal Repayments		Depreciation		Renewals out of Revenue		Total		Grand Total	No.
		Generation	Transmission and Distribution	Generation	Transmission and Distribution	Generation	Transmission and Distribution	Generation	Transmission and Distribution	Generation	Transmission and Distribution		
	NEW ZEALAND ELECTRICITY DEPARTMENT <sup>1</sup>	\$ 37,513,169	\$ 12,839,494	\$ 9,222,661	\$ 3,156,607	\$ 17,392,016	\$ 4,395,215	\$ ..	\$ ..	\$ 64,127,846	\$ 20,391,316	\$ 84,519,162	1
1	Ashburton	..	33,183	..	51,700	..	624,123	..	54,166	..	139,049	139,049	2
2	Auckland	..	729,996	..	2,825,591 <sup>4</sup>	..	..	..	200,000	..	4,379,710	4,379,710	3
3	Bay of Islands	..	160,613	..	150,792	..	..	..	70,493	..	381,898	381,898	4
4	Bay of Plenty	..	113,595	..	217,354 <sup>3</sup>	..	176,834	..	88,169	..	595,952	595,952	5
5	Buller	..	24,102	..	38,542	..	..	..	13,927	..	76,571	76,571	6
6	Cambridge	..	..	..	..	..	117	..	37,811	..	37,928	37,928	7
7	Central Canterbury	..	164,009	..	238,331	..	8,397	..	79,221	..	489,958	489,958	8
8	Central Hawke's Bay	..	13,070	..	28,593	..	..	..	18,013	..	59,676	59,676	9
9	Central Waikato	..	159,701	..	213,257	..	52,589	..	355,808	..	781,355	781,355	10
10	Dannevirke	..	..	..	..	..	..	..	73,036	..	73,036	73,036	11
11	Egmont	..	22,182	..	89,485	..	..	..	145,097	..	111,667	111,667	12
12	Franklin	..	57,371	..	93,550	..	..	..	6,311	..	296,018	296,018	13
13	Golden Bay	..	8,210	..	21,731	..	..	..	22,381	400	36,652	36,652	14
14	Hawke's Bay	..	159,930	..	376,467	..	50,000	..	22,381	..	608,778	608,778	15
15	Horowhenua	..	150,870	..	300,213	..	..	..	144,141	..	595,224	595,224	16
16	Hutt Valley	..	426,973	..	943,325	..	..	..	88,501	..	1,458,799	1,458,799	17
17	King Country	41,847	59,028	17,200	69,739	..	..	..	51,626	59,047	239,440	239,440	18
18	Manawatu-Oroua	..	90,915	..	156,800	..	280,620	..	70,014	..	598,349	598,349	19
19	Mariborough	..	107,670	..	201,255	..	..	..	92,664	..	401,589	401,589	20
20	North Auckland	..	219,737	..	626,526	..	..	..	123,750	..	970,013	970,013	21
21	North Canterbury	..	111,994	..	70,632	..	5,000	..	107,583	..	295,209	295,209	22
22	Otago	..	57,533	..	103,388	..	..	..	105,899	..	266,820	266,820	23
23	Otago Central	8,548	76,934	9,662	86,953	..	..	350	94,448	18,560	276,895	276,895	24
24	Poverty Bay	..	181,534	..	230,343	..	..	..	18,687	..	435,975	435,975	25
25	South Canterbury	..	144,140	..	154,914	..	..	..	82,319	..	381,373	381,373	26
26	Taranaki	13,824	29,076	26,531	65,177	..	..	3,959	114,842	44,314	209,095	253,409	27
27	Tararua	..	14,205	..	22,367	..	..	..	86,807	..	123,379	123,379	28
28	Tauranga	..	144,223	..	210,255	..	150,000	1,905	80,486	72,865	584,964	657,829	29
29	Tc Awamutu	..	3,566	..	17,723	..	40,617	..	29,833	..	91,739	91,739	30
30	Thames Valley	..	279,319	..	361,719	..	..	..	296,790	..	937,828	937,828	31
31	Waimea	..	69,210	..	107,981	..	73,226	..	21,890	..	272,307	272,307	32
32	Wairarapa	..	198,746	..	303,701	..	..	..	191,195	..	633,642	633,642	33
33	Waikare	13,652	5,630	14,990	28,484	..	..	..	17,300	28,642	51,414	80,056	34
34	Waioa	..	11,696	..	20,862	..	..	..	24,789	..	57,347	57,347	35
35	Waitaki	..	57,132	..	99,188	..	..	..	174,546	..	330,866	330,866	

(For notes see page 17.)



TABLE IX—ANALYSIS OF CAPITAL CHARGES FOR THE YEAR ENDED 31 MARCH 1975—continued

No.	Supply Authorities	Interest		Sinking Fund and Principal Repayments		Depreciation		Renewals out of Revenue		Total		Grand Total	No.
		Generation	Transmission and Distribution	Generation	Transmission and Distribution	Generation	Transmission and Distribution	Generation	Transmission and Distribution	Generation	Transmission and Distribution		
36	Power Boards—continued												
37	Waitemata .. .. .	..	575,698	..	1,294,793	..	..	..	577,566	..	2,448,057	\$	36
38	Waitomo .. .. .	..	85,644	..	142,951	..	..	..	46,973	..	275,568		37
39	Wanganui-Rangitikei .. .. .	..	180,703	..	300,160	..	50,691	..	107,216	..	638,770		38
	West Coast .. .. .	30,866	46,300	42,155	98,908	2,192	41,658	..	49,258	75,213	236,124		39
		109,137	4,914,438	181,498	10,363,750	2,192	1,559,283	6,214	3,963,556	299,041	20,801,027	21,100,068	
	City Councils												
1	Christchurch .. .. .	..	241,004	..	343,480	..	1,288,055	..	..	135,098	1,872,539	1,872,539	1
2	Dunedin .. .. .	14,764	131,329	..	161,146	120,334	544,166	..	22,574	..	836,641	971,739	2
3	Hamilton .. .. .	..	..	..	..	..	..	..	39,852	..	22,574	22,574	3
4	Invercargill .. .. .	..	60,983	..	49,370	..	..	..	54,163	..	150,205	150,205	4
5	Napier .. .. .	..	71,115	..	34,321	..	76,096	..	..	..	235,695	235,695	5
6	Nelson .. .. .	..	..	..	..	..	73,965	..	..	..	73,965	73,965	6
7	New Plymouth .. .. .	..	34,931	..	51,703	..	..	..	144,735	..	231,369	231,369	7
8	Palmerston North .. .. .	..	..	..	..	..	..	..	158,162	..	158,162	158,162	8
9	Tauranga .. .. .	..	..	76,874	..	..	..	3,379	14,050	80,253	14,772	95,025	9
10	Timaru .. .. .	..	11,135	..	18,260	..	87,313	..	..	..	116,708	116,708	10
11	Wellington .. .. .	..	367,228	..	297,524	..	406,950	..	96,330	..	1,071,702	1,071,702	11
12	Whangarei .. .. .	..	..	..	..	..	21,358	..	..	..	57,688	57,688	12
		14,764	917,940	76,874	956,311	120,334	2,497,903	3,379	469,866	215,351	4,842,020	5,057,371	
	Borough Councils												
1	Bluff .. .. .	..	59	..	819	..	..	..	11,684	..	12,562	12,562	1
2	Kaipoi .. .. .	..	..	..	..	..	1,065	..	28,518	..	28,518	28,518	2
3	Lytelton .. .. .	..	5,557	..	12,000	..	..	..	10,342	..	1,065	1,065	3
4	Riccarton .. .. .	..	9,149	..	2,020	..	13,550	..	6,560	..	27,899	27,899	4
5	Taumarunui .. .. .	..	..	..	..	..	..	..	..	..	31,279	31,279	5
6	Taupo .. .. .	13,053	79,631	16,321	84,885	..	21,360	..	5,729	29,374	191,605	220,979	6
7	Te Aroha .. .. .	..	..	..	..	..	..	..	4,696	..	4,696	4,696	7
8	Thames .. .. .	..	..	..	1,162	..	..	..	9,684	..	11,002	11,002	8
9	Wairoa .. .. .	..	..	..	589	..	..	..	16,026	..	17,610	17,610	9
10	Whakatane .. .. .	..	4,301	..	11,352	..	..	..	7,274	..	22,927	22,927	10
		13,053	99,848	16,321	112,827	..	35,975	..	100,513	29,374	349,163	378,537	

(For notes see page 17.)

TABLE IX—ANALYSIS OF CAPITAL CHARGES FOR THE YEAR ENDED 31 MARCH 1975—continued

No.	Supply Authorities	Interest		Sinking Fund and Principal Repayments		Depreciation		Renewals out of Revenue		Total		Grand Total	No.
		Generation	Transmission and Distribution	Generation	Transmission and Distribution	Generation	Transmission and Distribution	Generation	Transmission and Distribution	Generation	Transmission and Distribution		
1	Heathcote	\$	9,702	\$	11,091	\$	33,431	\$	33,431	\$	54,224	\$	1
2	Kaikoura	..	2,584	..	3,175	..	43,898	..	43,898	..	49,657	..	2
		..	12,286	..	14,266	..	77,329	..	77,329	..	103,881	..	
	AREA ELECTRIC AUTHORITY	..	162,108	..	69,365	..	43,669	..	..	..	275,142	..	1
1	Rotorua	..	162,108	..	69,365	..	43,669	..	..	..	275,142	..	
		..	..	..	..	..	..	..	..	..	..	..	
1	GOVERNMENT DEPARTMENT	..	37,650,123	..	14,673,126	..	8,532,045	..	9,593	..	64,671,612	..	
	Southland <sup>1</sup>	..	18,946,114	..	9,497,354	..	17,514,542	..	4,611,264	..	46,762,549	..	
	GRAND TOTALS	..	37,650,123	..	18,946,114	..	14,673,126	..	9,593	..	64,671,612	..	
		..	111,494,161	..	46,762,549	..	111,494,161	..	111,494,161	..	111,494,161	..	

<sup>1</sup>Included with New Zealand Electricity Department.

<sup>2</sup>Includes Southland Electric Power Supply.

<sup>3</sup>Includes capital charges for T.J.G.C. generation.

<sup>4</sup>Includes loan equalisation funding.

<sup>5</sup>Includes provision for general capital expenditure.

TABLE X (PART I)—ANALYSIS OF LIABILITIES AND RESERVES FOR THE YEAR ENDED 31 MARCH 1975

No.	Supply Authorities	Liabilities					Reserves					Net Appropriation Account Surplus*	Total	No.
		Public Debt			Sundry Creditors	Loans Repaid Reserve†	Capital Expenditure from Revenue	Sinking Fund Reserves for Future Loan Repayment	Depreciation Reserve	Renewal Fund Reserve	General and Other Reserves*			
		Loans Raised During Year	Loans Repaid During Year											
				From Renewal Loans	From Revenue and Sinking Fund									
1	NEW ZEALAND ELECTRICITY DEPARTMENT*	152,622,970	12,379,268	1,095,635,939	10,737,083	..	..	216,144,563	..	103,751,846	..	..	1,514,270,231	1
1	Ashburton	152,000	51,700	654,900	501,270	2,392,506	2,195,775	50,983	95,504	7,800	442,248	6,340,986	1	
2	Auckland	2,266,800	1,426,592	13,196,960	4,427,567	31,005,410	13,356,261	7,459,364	187,659	3,940,845	1,695,393	75,241,139	2	
3	Bay of Islands	310,100	150,782	3,563,871	492,959	3,301,536	1,293	..	..	1,293	..	8,281,042	3	
4	Bay of Plenty	399,010	269,197	2,028,811	535,323	1,638,249	2,627,471	68,119	..	166,946	434,963	8,088,589	4	
5	Buller	40,800	27,031	430,197	231,631	303,000	634,590	50,852	..	4,023	86,832	1,876,489	5	
6	Cambridge	..	..	..	106,896	225,339	954,553	690	..	57,020	107,166	1,451,673	6	
7	Central Canterbury	74,900	269,956	2,717,102	736,517	2,376,893	4,104,233	43,021	..	286,437	954,568	12,519,527	7	
8	Central Hawke's Bay	..	298,993	3,221,926	136,752	920,002	3,376,203	75,138	..	88,408	189,118	2,666,876	8	
9	Central Waikato	935,300	204,022	3,221,762	1,303,833	4,900,461	3,376,203	778,883	2,228	..	778,555	13,793,068	9	
10	Dannevirke	..	..	..	176,349	633,237	1,276,829	56,074	..	45,970	56,645	2,247,304	10	
11	Egmont	102,500	95,614	429,970	383,651	1,087,030	2,579,067	155,725	..	97,997	212,106	4,790,373	11	
12	Franklin	282,500	91,550	1,244,860	346,691	2,666,436	2,281,308	95,108	58,344	..	446,355	7,313,992	12	
13	Golden Bay	40,000	..	..	..	..	..	15,834	..	..	66,751	1,185,517	13	
14	Hawke's Bay	686,260	531,657	3,068,698	93,144	574,903	3,363,271	163,403	..	2,916	368,982	15,504,660	14	
15	Horowhenua	698,200	330,093	2,743,366	1,739,216	3,750,208	3,569,216	57,176	..	..	488,000	10,666,229	15	
16	Hutt Valley	2,302,790	990,822	8,359,220	3,970,822	8,421,294	8,262,170	425,627	..	128,843	1,294,534	31,040,926	16	
17	King Country	..	21,470	1,776,968	192,231	1,464,030	1,776,968	184,803	..	..	272,212	6,672,707	17	
18	Manawatu-Oroua	956,500	238,269	1,629,388	1,019,650	2,219,362	3,605,731	533,467	..	581,466	394,844	10,289,231	18	
19	Marlborough	219,400	138,316	1,393,182	341,021	2,321,492	1,828,098	81,339	..	..	319,232	6,937,365	19	
20	North Auckland	446,900	466,526	4,031,527	802,851	5,739,877	2,912,431	49,614	..	15,133	510,196	14,378,406	20	
21	North Canterbury	255,250	44,963	1,961,964	555,300	1,164,080	1,667,969	265,242	..	167,577	420,911	6,246,623	21	
22	Otago	264,440	91,463	1,563,469	346,096	2,950,364	1,956,009	107,012	13,000	..	607,476	7,476,408	22	
23	Otago Central	291,070	61,663	1,763,110	174,938	3,331,377	2,507,229	147,765	..	..	572,139	6,470,812	23	
24	Poverty Bay	255,800	233,867	1,709,989	439,368	3,867,790	2,878,648	90,556	..	..	548,260	8,897,986	24	
25	South Canterbury	235,000	144,123	2,743,391	821,640	2,016,737	2,660,566	..	..	495,395	732,251	10,952,310	25	
26	Taranaki	..	85,480	600,825	289,693	2,187,304	1,975,315	163,000	..	221,699	237,337	5,782,018	26	
27	Taranaki	30,000	42,217	246,419	107,071	805,951	705,251	31,068	..	..	112,764	2,101,535	27	
28	Tairārahi	1,170,640	189,807	6,614,111	323,717	3,439,912	1,805,684	193,013	..	52,505	303,829	13,454,318	28	
29	Tairārahi	..	..	..	189,946	1,281,613	2,259,511	73,344	..	..	71,738	2,796,112	29	
30	Thames Valley	446,000	370,444	4,931,230	1,835,277	1,053,170	3,897,711	102,901	..	3,814,638	1,112,815	18,114,439	30	
31	Waimea	219,150	104,801	1,269,759	389,929	856,887	2,964,726	113,487	..	1,185,488	194,482	6,977,892	31	
32	Wairarapa	600,000	150,627	3,681,256	665,925	2,379,252	2,010,705	953,601	..	5,723	228,443	9,926,905	32	
33	Waikato	..	41,827	76,212	84,913	882,788	198,871	8,353	..	26,908	77,337	1,621,518	33	
34	Waikato	..	20,862	136,163	156,163	502,515	404,829	..	..	70,935	70,935	1,335,416	34	
35	Waikato	..	203,184	871,506	358,180	1,926,794	1,372,021	288,417	..	300,541	226,852	5,795,490	35	
36	Waitemata	1,652,200	108,994	9,893,109	3,072,696	11,205,461	3,980,833	355,771	..	742,360	599,941	29,850,171	36	
37	Waitemata	77,000	108,994	1,504,364	268,929	1,622,865	1,282,319	104,403	..	14,017	128,711	5,252,450	37	
38	Wairarapa-Rangitikei	372,100	433,352	3,438,022	733,023	4,120,906	2,964,707	314,549	..	300,489	701,404	12,798,721	38	
39	West Coast	568,000	131,076	1,419,065	945,091	1,190,461	2,356,949	70,319	..	68,680	..	6,323,346	39	
		15,376,420	7,661,897	96,772,349	30,125,593	127,961,361	96,585,873	12,547,690	356,735	14,723,532	15,856,667	403,340,499		

(For notes see page 21.)



TABLE X (PART II)—ANALYSIS OF ASSETS FOR THE YEAR ENDED 31 MARCH 1975

No.	Supply Authorities	Total	Assets					Total Capital Expenditure*	Net Appropriation Account Deficit*	Annual Increase in Total Capital Expenditure*	No.
			Sundry Debtors	Revenue and Reserve Funds—Cash and Investments	Loan Account—Cash and Investments	Stocks and Materials*	Total Capital Expenditure*				
1	NEW ZEALAND ELECTRICITY DEPARTMENT*	\$ 1,514,270,231	\$ 23,933,978	\$ 2,410,381*	\$ ..	\$ 26,779,781	\$ 1,461,110,091	\$ ..	\$ 155,412,488	1	
1	POWER BOARDS	6,340,906	296,455	146,739	..	654,611	5,243,181	..	422,510	1	
2	Ashburton ..	75,241,139	2,209,218	8,484,170	..	2,155,079	62,034,632	..	3,759,047	2	
3	Auckland ..	8,281,042	412,694	951,293	..	344,181	6,915,123	..	396,199	3	
4	Bay of Islands ..	8,088,589	174,408	421,958	..	598,850	6,370,511	..	344,864	4	
5	Bay of Plenty ..	1,876,489	132,649	108,527	..	179,173	1,434,419	..	113,663	5	
6	Cambridge ..	1,451,673	45,308	144,327	..	82,146	1,179,822	..	87,355	6	
7	Central Canterbury ..	12,519,327	960,672	883,862	..	649,451	9,864,484	..	770,866	7	
8	Central Hawke's Bay ..	2,666,876	152,364	145,335	..	122,039	2,246,298	..	57,544	8	
9	Central Waikato ..	13,793,668	830,925	611,560	..	736,128	11,541,780	..	1,139,040	9	
10	Dannevirke ..	2,247,304	30,649	116,066	..	128,382	1,912,067	..	104,705	10	
11	Eromont ..	4,798,373	212,817	253,383	..	228,106	4,054,067	..	161,658	11	
12	Franklin ..	7,313,882	289,253	507,814	..	322,170	6,030,660	..	383,824	12	
13	Golden Bay ..	1,182,517	136,945	95,811	..	69,140	913,775	..	16,948	13	
14	Hawke's Bay ..	15,504,860	1,424,972	480,148	..	844,795	12,390,795	..	1,060,010	14	
15	Hawcittenua ..	10,666,229	480,306	701,164	..	134,833	8,857,669	..	998,393	15	
16	Hutt Valley ..	31,040,926	3,098,435	945,663	..	1,698,900	25,259,928	..	2,580,346	16	
17	King Country ..	6,672,707	127,717	1,365,919	..	550,000	4,515,208	..	154,507	17	
18	Manawatu-Oroua ..	10,285,231	910,572	1,075,912	..	60,384	7,744,789	..	692,202	18	
19	Marborough ..	6,937,365	210,191	324,269	..	104,526	5,985,246	..	468,991	19	
20	North Auckland ..	14,378,406	668,250	594,764	..	316,763	12,588,629	..	876,810	20	
21	North Canterbury ..	6,246,623	528,906	303,822	..	443,523	4,935,372	..	401,232	21	
22	Otago ..	7,476,408	341,139	678,752	..	440,546	5,990,848	..	286,202	22	
23	Otago Central ..	6,470,812	454,631	331,903	..	43,223	5,144,275	..	380,965	23	
24	Powerty Bay ..	8,697,896	255,028	184,788	..	49,735	7,965,348	..	454,802	24	
25	South Canterbury ..	10,952,310	877,787	797,357	..	727,450	8,457,946	..	762,412	25	
26	Taranaki ..	5,782,018	149,318	526,370	..	282,886	4,843,444	..	232,184	26	
27	Tararua ..	2,101,535	61,063	123,249	..	159,602	1,757,621	..	71,463	27	
28	Tauranga ..	13,434,318	332,439	685,467	..	300,190	12,116,202	..	1,269,865	28	
29	Te Awamutu ..	9,796,112	167,628	62,899	..	127,092	2,438,493	..	79,915	29	
30	Thames Valley ..	18,114,439	1,584,123	1,535,308	..	1,212,724	13,782,284	..	968,523	30	
31	Waimea ..	6,977,832	416,942	288,355	..	461,915	5,808,963	..	455,678	31	
32	Wairarapa ..	9,926,305	249,333	561,844	..	677,083	8,048,645	..	861,159	32	
33	Waikare ..	1,621,518	67,033	51,730	..	94,885	1,407,870	..	43,642	33	
34	Waikato ..	1,335,416	126,981	11,769	..	79,538	1,114,128	..	33,448	34	
35	Waikiki ..	5,795,490	369,677	514,131	..	320,105	4,140,398	..	250,921	35	
36	Waitemata ..	29,850,171	2,166,494	1,139,490	..	1,396,044	25,028,901	..	2,067,243	36	
37	Waikato ..	5,252,450	273,874	457,165	..	186,224	4,323,187	..	160,997	37	
38	Wanganui-Rangitikei ..	12,798,721	566,604	82,061	..	833,600	10,237,276	..	693,159	38	
39	West Coast ..	6,223,346	392,733	170,163	..	436,015	4,931,818	..	406,269	39	
		493,340,499	22,917,565	26,476,217	4,308,019	19,871,418	329,616,204	155,177	24,418,560		

(For notes see page 21.)

TABLE X (PART II)—ANALYSIS OF ASSETS FOR THE YEAR ENDED 31 MARCH 1975—continued

No.	Supply Authorities	Total	Assets					Total Capital Expenditure*	Net Appropriation Account Deficit†	Annual Increase in Total Capital Expenditure‡	No.
			Sundry Debtors	Revenue and Reserve Funds—Cash and Investments	Loan Account—Cash and Investments	Stocks and Materials§	Total Capital Expenditure*				
1	Christchurch..	38,256,905	1,602,879	2,999,854	..	953,196	33,006,184	214,792	1,832,869	1	
2	Dunedin ..	36,225,906	1,113,066	4,206,165	..	1,401,108	29,305,567	..	3,106,843	2	
3	Hamilton ..	2,765,896	2,162,156	2,261,664	..	59,254	3,292,124	..	159,820	3	
4	Invercargill ..	2,693,895	292,781	83,179	30,864	197,381	4,089,691	..	316,113	4	
5	Napier ..	2,193,314	154,475	155,209	463	157,666	2,475,501	..	226,378	5	
6	Nelson ..	2,291,598	160,530	161,351	..	33,440	1,842,218	33,999	107,922	6	
7	New Plymouth ..	2,729,559	495,262	31,661	59,261	569,512	4,636,857	..	391,370	7	
8	Painemston North ..	3,625,553	246,790	117,313	..	195,747	3,085,893	..	89,347	8	
9	Tauranga ..	2,931,244	47,274	443,255	..	90,306	5,650,607	..	801,667	9	
10	Timaru ..	2,758,794	155,403	75,643	9,081	168,170	2,351,497	..	162,117	10	
11	Wellington ..	25,501,291	1,078,505	3,929,201	367,200	845,074	19,281,311	..	567,465	11	
12	Whangarei ..	1,310,207	1,125,345	118,507	..	123,842	942,593	..	50,542	12	
		135,957,979	5,654,466	13,983,202	526,869	4,794,698	110,149,933	248,791	7,811,853		
	Borough Councils										
1	Bluff ..	297,102	30,918	6,704	..	31,338	228,142	..	746	1	
2	Kaipoi ..	462,993	57,836	1,461	..	55,517	338,609	..	45,241	2	
3	Lyttelton ..	896,417	28,393	87,207	..	8,740	256,158	..	8,283	3	
4	Alicarion ..	915,656	77,193	110,394	79,099	15,310	622,658	..	18,400	4	
5	Tsamarunui ..	746,335	54,006	15,071	..	5,088	674,370	..	6,624	5	
6	Taupo ..	4,184,805	142,365	311,220	111,752	241,637	3,351,873	25,937	928,737	6	
7	Te Araroa ..	800,007	12,594	29,512	3,634	26,949	234,083	2,325	20,515	7	
8	Thames ..	433,558	38,226	47,178	..	36,034	312,127	..	24,230	8	
9	Waioa ..	382,357	7,543	30,149	1,066	11,159	334,740	..	30,713	9	
10	Whakatane ..	1,186,864	42,857	108,335	..	47,392	908,160	..	59,547	10	
		9,301,314	491,437	835,231	196,351	489,173	7,260,860	28,262	543,036		
	County Councils										
1	Hentico ..	622,971	14,181	5,618	..	29,120	538,379	35,673	21,370	1	
2	Kaikoura ..	471,376	23,954	25,204	..	25,707	396,431	..	39,192	2	
		1,094,347	38,135	30,902	..	54,827	934,810	35,673	60,562		
	AREA ELECTRIC AUTHORITY										
1	Rotorua ..	4,687,267	152,129	85,456	11,020	331,344	4,107,318	..	480,154	1	
		4,687,267	152,129	85,456	11,020	331,344	4,107,318	..	480,154		
	GOVERNMENT DEPARTMENT										
1	Southland* ..	..	..	..	..	..	..	..	..	1	
		..	..	..	..	..	..	..	..		
	GRAND TOTALS	2,068,051,637	53,207,710	43,829,389	5,037,259	52,321,241	1,913,187,316	468,722	188,726,653		

\*Includes capital contributions by consumers.  
 †Includes special maintenance suspense account, \$1,860,989.

‡Subject to auditing adjustments after table published.  
 §See note 10, table VIII (Part 2).

¶Includes Southland Electric Power Supply.  
 †Includes with New Zealand Electricity Department.

TABLE XI (PART I)—ANALYSIS OF CONSUMPTION OF ENERGY FOR THE YEAR ENDED 31 MARCH 1975

No.	Supply Authorities	Group 1—Domestic						Group 2—Commercial						Group 4—Farming						No.
		Units Consumed	Revenue	Revenue Per Unit Sold	Consumers	Average Units Per Consumer	Units Consumed	Revenue	Revenue Per Unit Sold	Consumers	Average Units Per Consumer	Units Consumed	Revenue	Revenue Per Unit Sold	Consumers	Average Units Per Consumer				
		kWh	\$	c	Number	kWh	\$	c	Number	kWh	\$	c	kWh	\$	c	Number	kWh			
1	New Zealand Electricity Department	160 259 732	2,359,077	1.402	22 443	7 497	40 015 798	728,124	1.820	3 101	12 904	5 759 369	106,030	1.841	2 853	2 019	1			
2	Ashburton	80 080 651	931,038	1.163	9 060	8 039	14 944 802	299,824	2.006	1 177	12 697	2 995 691	57,005	1.903	1 520	1 971	2			
3	Auckland	1 078 957 416	11,602,998	1.075	139 280	6 774	572 169 656	9,629,500	1.683	22 298	25 660	6 254 291	178,178	2.065	1 957	6 535	3			
4	Bay of Islands	78 291 430	1,086,085	1.347	10 720	6 837	19 800 250	479,742	2.423	1 771	11 180	9 605 100	225,240	2.345	1 939	4 903	4			
5	Bay of Plenty	68 020 020	943,139	1.390	9 113	7 464	19 749 521	421,021	2.192	1 301	15 180	14 132 480	305,101	2.159	2 108	6 704	5			
6	Buller	14 098 162	187,201	1.329	2 727	5 167	5 113 810	154,705	3.025	1 507	10 086	1 169 660	20,083	1.717	2 138	8 476	6			
7	Cambridge	28 494 700	322,120	1.130	3 754	7 590	4 683 697	104,761	2.237	523	8 955	4 675 691	80,469	1.721	792	6 308	7			
8	Central Canterbury	111 412 305	1,300,634	1.167	13 740	8 109	48 332 711	866,025	1.833	1 608	30 058	17 330 890	313,538	1.809	2 351	7 372	8			
9	Central Hawke's Bay	42 398 237	475,176	1.121	4 607	9 203	6 604 766	145,348	2.201	630	10 404	1 830 109	60,227	3.291	2 944	1 890	9			
10	Central Waikato	194 763 790	2,315,337	1.189	28 412	6 855	45 930 470	895,793	1.950	2 158	21 264	23 946 270	439,774	1.837	3 409	7 034	10			
11	Dannevirke	35 143 626	403,401	1.148	4 099	8 574	6 239 213	149,308	2.377	585	10 665	3 654 532	84,820	2.321	3 981	3 003	11			
12	Edmont	67 012 740	659,073	0.984	7 637	8 775	10 945 850	264,348	2.415	1 306	8 391	19 015 092	355,177	1.868	2 002	9 490	12			
13	Goldie	36 944 405	1,066,918	1.227	11 971	7 263	15 679 994	284,399	1.878	1 467	10 688	21 940 332	374,888	1.708	3 376	6 597	13			
14	Golden Bay	9 067 670	119,742	1.276	1 404	6 458	904 153	30,861	3.413	1 68	5 382	1 893 400	34,704	1.833	3 698	3 114	14			
15	Hawke's Bay	235 308 270	2,681,417	1.140	29 629	7 942	31 673 017	1,089,302	2.108	2 971	17 392	4 753 254	142,749	3.016	1 890	2 504	15			
16	Horoitenuia	140 008 574	1,810,998	1.293	20 991	6 670	32 143 815	846,963	2.635	2 381	13 501	7 904 475	175,909	2.225	1 730	10 006	16			
17	Hutt Valley	510 008 213	6,088,166	1.173	60 048	8 643	115 664 975	2,598,263	2.246	5 806	19 922	1 397 815	17,001	1.216	231	6 051	17			
18	King Country	39 583 536	387,781	0.980	5 492	7 204	13 476 249	217,768	1.616	851	15 836	1 374 126	32,372	2.346	822	1 672	18			
19	Manawatu-Oroua	193 834 007	1,175,742	1.224	13 142	7 901	33 358 364	649,246	1.943	1 241	26 880	10 747 145	241,041	2.283	2 899	3 707	19			
20	Marlborough	74 943 669	943,327	1.258	9 920	7 555	25 299 536	587,836	2.323	1 596	15 852	3 661 921	83,592	2.283	3 795	2 504	20			
21	North Auckland	103 630 215	1,392,965	1.352	16 189	6 364	17 261 175	431,317	2.499	1 711	10 088	22 216 483	405,195	1.824	3 325	6 662	21			
22	North Canterbury	74 937 408	1,048,119	1.399	9 664	7 754	13 367 675	286,432	2.143	1 235	10 824	9 342 030	187,442	2.006	2 080	4 558	22			
23	Otago Central	80 293 546	882,334	1.100	9 810	8 176	20 342 506*	386,630	1.901	1 644	12 374	4 653 079	61,810	1.328	2 083	3 355	23			
24	Poukehu Bay	60 734 646	698,339	1.149	7 182	8 465	33 013 273	495,163	1.500	1 053	31 352	2 215 891	24,827	1.120	2 735	3 015	24			
25	South Canterbury	103 162 412	1,230,036	1.212	14 080	7 322	22 140 679	609,679	2.754	2 208	10 027	2 032 022	95,973	1.723	1 537	3 305	25			
26	Taranaki	116 766 536	1,524,837	1.306	13 994	8 344	13 420 415	393,668	2.933	1 028	13 055	2 466 748	82,757	3.355	1 793	5 509	26			
27	Taranaki	73 248 260	697,865	0.952	8 810	8 314	11 166 392	211,990	1.890	1 176	9 495	16 609 443	267,526	1.611	2 291	7 949	27			
28	Taranaki	22 819 790	327,741	1.436	3 039	7 509	2 720 114	75,587	2.779	472	5 763	9 229 030	84,764	2.625	1 023	3 156	28			
29	Te Awamotua	49 043 625	1,037,963	1.308	20 567	6 830	21 402 408	566,156	2.645	2 395	8 936	12 803 484	279,854	2.106	2 453	5 819	29			
30	Thames Valley	186 695 382	2,394,500	1.283	28 416	6 570	40 603 856	199,185	1.725	819	14 102	12 420 317	162,142	1.466	2 742	7 430	30			
31	Waimea	105 506 748	1,109,702	1.052	13 448	7 846	15 586 820	858,757	2.115	3 874	10 481	45 789 226	821,056	1.755	5 451	8 584	31			
32	Waikato	103 860 913	1,423,047	1.370	12 326	8 426	23 277 820	399,873	2.565	1 375	11 336	6 284 687	121,786	1.938	1 895	3 816	32			
33	Waikato	9 049 041	170,891	1.888	1 279	7 075	1 123 932	559,632	2.404	1 737	13 401	7 512 170	162,888	2.501	1 635	4 212	33			
34	Waikato	63 604 320	169,836	1.258	6 000	6 962	11 549 366	29,011	2.581	2 000	5 620	2 669 572	30,592	1.445	1 604	3 445	34			
35	Waikato	13 514 119	755,900	1.188	1 768	8 361	16 130 647	377,135	1.972	313	16 948	1 040 625	30,592	2.934	637	1 084	35			
36	Waikato	530 594 894	7,399,580	1.374	83 902	6 419	122 291 544	3,303,538	2.733	7 320	16 706	6 737 332	204,893	3.040	2 077	3 044	36			
37	Waikato	44 103 810	527,710	1.197	5 550	7 947	8 964 640	203,586	2.271	1 026	8 737	7 243 380	155,157	2.142	1 466	4 074	37			
38	Waikato-Rangitikei	171 768 436	1,921,742	1.119	22 027	7 798	49 406 601	1,070,073	2.166	3 195	15 464	5 644 278	159,783	2.183	2 816	4 437	38			
39	West Coast	37 748 164	561,664	1.488	7 407	5 096	22 090 340	590,321	2.672	1 487	14 856	4 657 457	82,618	1.774	2 323	8 905	39			
		5 101 250 592	60,987,094	1.195	698 908	7 298	1,310 345 373	30,852,598	2.043	85 567	17 651	334 605 909	6,673,219	1.994	63 909	5 229				

(For notes see page 25.)



TABLE XI (PART I)—ANALYSIS OF CONSUMPTION OF ENERGY FOR THE YEAR ENDED 31 MARCH 1975—continued

No.	Supply Authorities	Group 1—Domestic					Group 2—Commercial					Group 4—Farming					No.
		Units Consumed	Revenue	Revenue Per Unit Sold	Consumers	Average Units Per Consumer	Units Consumed	Revenue	Revenue Per Unit Sold	Consumers	Average Units Per Consumer	Units Consumed	Revenue	Revenue Per Unit Sold	Consumers	Average Units Per Consumer	
		kWh	\$	c	Number	kWh	\$	c	Number	kWh	\$	c	Number	kWh	\$	c	
1	Christchurch	708 693 627	7,642,912	1.078	81 572	8 688	196 705 295	4,583,450	2,330	8 092	24 309	2 991 477	58,261	1.948	121	24 723	1
2	Dunedin	377 326 496	3,720,587	0.985	38 865	9 718	108 444 049	2,371,900	2,744	5 206	21 577	3 070 396	60,627	1.975	540	5 686	2
3	Hamilton	49 328 300	5,776,396	1.168	8 879	5 556	37 129 121	1,018,678	2,744	2 697	13 767	12 424	196	1.578	3	4 141	3
4	Invercargill	25 955 120	1,040,611	1.004	4 853	7 466	42 188 300	734,500	1,741	1 753	24 066	74 199	1,452	1.957	3	74 199	4
5	Napier	29 356 180	1,366,427	1.248	4 353	6 744	20 904 756	451,051	2,158	1 125	18 582	12 424	1,452	1.957	3	74 199	5
6	Nelson	42 203 153	419,424	0.994	5 284	7 987	20 370 300	509,961	2,503	1 052	19 364	102 958	4,050	4.050	64	1 609	6
7	New Plymouth	110 893 738	1,111,734	1.003	15 237	7 278	27 517 940	690,468	2,509	2 026	13 582	13 188 180	1,790	1.790	1 289	10 231	7
8	Palmerston North	107 689 531	1,078,535	1.002	14 271	7 546	32 119 041	767,736	2,390	2 937	13 744	255 080	1,724	1.724	11	23 189	8
9	Tauranga	114 750	1,114,750	0.734	2 234	6 994	15 037 940	319,366	2,124	1 103	13 634	16 039	..	..	..	..	9
10	Timaru	56 096 548	654,857	1.167	7 135	7 862	22 020 967	459,162	2,085	1 373	16 039	..	..	..	..	..	10
11	Wellington	362 184 700	3,624,673	1.001	44 837	8 078	201 682 750	4,823,194	2,992	6 528	30 895	31 920	1,178	3.761	24	1 305	11
12	Whangarei	36 719 402	3,699,170	1.005	5 532	6 638	18 583 283	502,571	2,704	1 362	13 644	..	..	..	..	..	12
		1 992 470 545	20,720,076	1.040	241 056	8 266	742 704 206	17,232,047	2,320	34 474	21 544	19 726 034	366,348	1.857	2 053	9 608	
1	Bluff	4 839 285	67,239	1.369	912	5 306	4 225 643	84,139	1,991	228	18 534	..	..	..	..	..	1
2	Kaipara	10 774 190	138,154	1.262	1 309	8 231	2 151 940	33,155	1,541	132	16 302	..	..	..	..	..	2
3	Lytelton	8 174 848	87,353	1.068	2 777	7 438	2 908 088	48,615	1,672	108	15 387	..	..	..	..	..	3
4	Riccarton	23 472 462	209,302	0.892	2 099	8 452	8 975 658	227,959	2,540	419	21 422	..	..	..	..	..	4
5	Taumarunui	9 269 073	89,535	0.966	1 262	7 345	5 484 550	113,995	2,078	314	17 467	7 398	197	2.663	14	528	5
6	Taupo	38 293 648	478,200	1.249	5 410	7 078	15 630 442	315,390	2,018	883	17 702	1 148 957	3,217	3.152	308	3 730	6
7	Te Aroha	6 789 719	91,936	1.354	1 127	6 025	2 300 479	52,351	2,199	277	8 594	25 410	448	1.763	7	3 630	7
8	Thames	13 565 982	170,736	1.259	2 123	6 390	3 881 513	91,834	2,366	365	10 062	..	..	..	..	..	8
9	Wairoa	12 313 580	154,485	1.255	1 619	7 606	4 254 930	84,856	1,997	270	15 759	..	..	..	..	..	9
10	Whakatane	20 957 063	258,436	1.234	2 754	7 602	8 330 317	208,844	2,447	608	13 701	..	..	..	..	..	10
		148 429 850	1,745,376	1.176	20 392	7 279	58 223 560	1,256,278	2,158	3 705	15 715	1 181 765	36,862	3.119	929	3 592	
1	Heathcote	20 476 210	215,755	1.054	1 958	10 457	5 396 890	90,041	1,683	99	54 514	395 460	5,160	1.310	41	9 645	1
2	Kaikoura	6 871 300	101,562	1.478	1 105	6 218	2 168 600	44,300	2,043	221	9 813	1 050 400	19,204	1.828	123	8 540	2
		27 347 510	317,317	1.160	3 063	8 928	7 565 490	135,141	1,786	320	23 642	1 445 860	24,384	1.686	164	8 816	
1	AREA ELECTRIC AUTHORITY	115 759 737	1,309,862	1.132	16 442	7 040	44 473 139	1,150,532	2,587	2 821	15 765	7 272 199	182,549	2.510	1 101	6 605	1
		115 759 737	1,309,862	1.132	16 442	7 040	44 473 139	1,150,532	2,587	2 821	15 765	7 272 199	182,549	2.510	1 101	6 605	
1	GOVERNMENT DEPARTMENT	150 613 622	2,289,984	1.520	20 817	7 235	35 290 434	663,016	1,879	3 041	11 605	5 759 369	106,030	1.841	2 853	2 109	1
		150 613 622	2,289,984	1.520	20 817	7 235	35 290 434	663,016	1,879	3 041	11 605	5 759 369	106,030	1.841	2 853	2 019	
	GRAND TOTALS	7 553 517 966	87,438,802	1.158	1 002 384	7 536	2 403 327 566	51,354,720	2,137	129 988	18 489	369,991 136	7,389,392	1.997	70 489	5 249	

(For notes see page 25.)



TABLE XI (PART II)—ANALYSIS OF CONSUMPTION OF ENERGY FOR THE YEAR ENDED 31 MARCH 1975

No.	Supply Authorities	Groups 7-18 (Inclusive)—Industrial				Groups 2-18 (Inclusive)—Non-domestic				Groups 1-18 (Inclusive)—Total Retail Sales				No.
		Units Consumed	Revenue	Revenue Per Unit Sold	Average Units Per Consumer	Units Consumed	Revenue	Revenue Per Unit Sold	Consumers	Units Consumed	Revenue	Revenue Per Unit Sold	Consumers	
1	Power Boats													
2	Ashburton	12 210 969	214,503	1.757	407 032	91 358 503	598,933	1.910	2 729	11 480	111 431 954	11 789	11.932	
3	Auckland	647 352 003	7,594,218	1.234	373 826	18,111,160	18,111,160	1.835	23 707	50 475	29,714,150	184 287	9.532	
4	Bay of Islands	27 853 590	407,225	1.464	794 860	38 202 440	1,336,073	1.532	3 790	13 337	2,122,960	14 510	12.084	
5	Bay of Plenty	157 251 796	1,201,090	0.763	2 436 660	191 632 003	1,394,135	1.009	3 489	54 925	2,079,394	32 602	20.604	
6	Buller	33 034 615	260,075	0.787	37 833 360	39 599 075	447,727	1.151	684	37 893	635,008	5 411	15.740	
7	Cambridge	5 762 563	96,025	1.680	160 071	15 358 573	384,184	1.950	1 295	11 860	606,304	5 049	8.606	
8	Central Canterbury	87 674 397	1,545,652	1.763	345 254	194 690 397	2,738,265	1.763	4 248	36 415	4,059,239	17 998	14.795	
9	Central Hawke's Bay	4 476 985	75,512	1.687	75 410	13 313 210	2,308 307	1.677	1 240	8 219	763,693	6 227	8.947	
10	Central Waikato	50 781 160	933,879	1.839	236 471	123 633 370	2,304,360	1.964	5 776	21 405	4,619,917	34 188	9.313	
11	Dannevirke	2 705 359	52,594	1.944	61 485	12 624 908	286,993	2.253	1 594	8 046	692,394	5 693	8.426	
12	Egmont	26 090 662	397,761	1.500	317 081	56 463 534	1,023,013	1.812	3 396	16 627	1,682,086	11 033	11.189	
13	Franklin	45 775 932	238,090	1.721	444 818	34 099 538	416,442	0.662	5 132	10 600	2,003,629	17 123	16.237	
14	Golden Bay	45 018 001	346,060	0.770	445 723	37 879 804	938,442	0.662	5 890	33 290	329,104	24 294	94.623	
15	Hawke's Bay	249 818 244	2,443,011	0.970	821 771	308 846 828	3,703,457	1.199	5 185	59 565	6,384,074	34 814	15.620	
16	Horowhenua	18 888 348	333,345	1.766	114	60 996 759	1,427,043	2.340	3 295	18 512	3,238,041	24 286	8.277	
17	Hutt Valley	194 038 893	3,057,721	1.608	357 987	316 419 949	6,546,515	2.069	6 638	47 668	12,634,601	66 606	12.598	
18	King Country	6 889 985	118,607	1.721	33 706	22 084 886	372,968	1.688	1 422	12 025	760,661	17 214	16.546	
19	Manawatu-Oroua	44 678 264	809,351	1.812	219 837	39 531 486	1,724,066	1.967	4 227	20 715	2,689,194	17 569	11.003	
20	Marlborough	8 962 943	135,221	2.177	96 311	38 601 391	674,989	2.367	2 683	14 387	1,818,326	12 603	19.008	
21	North Auckland	120 334 761	1,085,689	0.902	1 137 257	160 717 258	1,933,653	1.203	3 182	31 015	3,326,600	21 371	12.341	
22	North Canterbury	11 119 711	241,233	2.169	202 177	34 770 045	742,833	2.186	3 866	10 330	1,790,652	13 030	8.490	
23	Otago Central	21 799 229	386,774	1.774	947 793	47 531 483	851,371	1.701	3 748	12 682	1,733,605	13 558	9.421	
24	Powert Bay	27 686 630	400,122	1.445	297 706	53 902 544	1,112,492	2.199	1 000	19 946	1,230,139	6 982	10.726	
25	South Canterbury	35 604 947	626,461	1.759	46 774 021	52 246 385	1,116,275	2.124	3 071	13 497	2,962,328	17 961	10.553	
26	Taranaki	28 600 460	495,928	1.469	151 325	57 231 107	923,135	1.613	3 669	15 599	1,620,500	12 479	10.456	
27	Tararua	3 248 021	73,650	2.268	188 267	9 300 214	256,900	2.514	1 528	6 087	364,341	4 567	7.033	
28	Tauranga	33 124 121	511,881	1.543	230 940	68 761 704	1,316,636	1.908	4 384	13 786	3,211,939	23 551	9.189	
29	Te Awamutu	5 021 710	72,659	1.447	218 335	29 390 173	359,360	0.565	2 593	11 394	962,240	8 593	9.130	
30	Thames Valley	515 906 870	4,043,849	0.784	2 167 676	605 181 295	5,783,360	0.956	9 578	63 185	8,178,088	37 994	20.842	
31	Waimea	23 666 699	456,755	1.930	355	46 226 166	996,700	2.156	3 630	12 734	2,106,402	17 078	8.805	
32	Wairarapa	21 040 310	421,521	1.930	105 001	53 291 163	1,176,531	2.207	3 624	14 705	2,599,278	15 950	9.633	
33	Waikare	7 469 257	10,969	2.342	117 314	2 113 469	67,953	3.215	651	3 246	238,844	1 930	5.784	
34	Waioata	7 360 116	115,077	1.564	394 551	10 243 642	182,184	2.779	982	10 431	352,020	2 916	8.144	
35	Waikato	16 242 648	297,131	1.830	159 242	35 650 165	741,614	2.080	2 013	17 710	1,497,514	9 621	10.317	
36	Waitemata	83 900 198	1,561,138	1.861	74 248	218 028 771	5,227,126	2.397	10 614	20 542	12,626,706	94 516	8.005	
37	Waitemoa	21 940 480	330,728	1.507	284 941	38 875 000	694,052	1.785	2 600	14 932	1,221,762	8 150	10.102	
38	Waingaiti-Rangitikei	60 060 950	892,768	1.336	360 133	117 720 576	2,063,072	1.735	5 689	20 693	3,987,614	27 716	10.443	
39	West Coast	18 550 620	347,478	1.873	112 429	46 332 617	1,047,702	2.261	2 189	21 166	1,609,366	9 596	8.782	
		2 695 912 747	33,753,287	1.252	7 456	4 619 794 626	72,437,452	1.568	157 719	29 291	133,424,346	856 707	11.347	

(For notes see page 25.)

TABLE XI (PART II)—ANALYSIS OF CONSUMPTION OF ENERGY FOR THE YEAR ENDED 31 MARCH 1975—continued

No.	Supply Authorities	Groups 7-18 (Inclusive)—Industrial.						Groups 2-18 (Inclusive)—Non-domestic						Groups 1-18 (Inclusive)—Total Retail Sales					
		Units Consumed	Revenue	Revenue Per Unit Sold	Consumers	Average Units Per Consumer	Units Consumed	Revenue	Revenue Per Unit Sold	Consumers	Average Units Per Consumer	Units Consumed	Revenue	Revenue Per Unit Sold	Consumers	Average Units Per Consumer			
1	City Councils	kWh	\$	c	Number	kWh	\$	c	Number	kWh	\$	c	Number	kWh					
1	Christchurch	134 450 429	2,350,593	1.746	681	944 305 482	7,117,212	2,067	8 900	38 686	14 760 194	1.502	90 472	11 639					
2	Dunedin	91 662 933	1,463,616	1.597	498	208 753 626	3,957,012	1.896	6 077	34 351	7,677,569	1.306	47 842	13 049					
3	Hamilton	12 499 893	138,383	1.749	105	51 388 030	1,254,886	2.442	2 803	18 333	1,931,262	1.918	11 692	8 621					
4	Invercargill	7 638 146	136,273	1.812	100	51 884 196	1,924,911	1.783	1 057	27 940	1,965,372	1.840	14 916	10 050					
5	Napier	7 717 379	126,273	1.636	59	29 712 462	590,585	1.998	1 186	25 053	957,012	1.620	5 339	10 664					
6	Nelson	6 187 006	115,027	1.859	77	27 566 709	636,740	2.310	1 446	19 064	1,056,164	1.514	6 780	10 367					
7	New Plymouth	39 393 599	623,992	1.584	479	81 367 461	1,565,104	1.924	3 796	21 435	2,676,888	1.302	19 083	10 101					
8	Palmerston North	11 860 450	196,102	1.653	181	45 265 146	980,473	2.166	2 949	17 758	2,059,009	1.346	16 820	9 094					
9	Tauranga	3 877 400	67,081	1.730	78	19 553 977	402,447	2.058	1 182	16 343	1,177,197	1.470	3 416	10 908					
10	Timaru	8 550 473	159,312	1.863	70	31 968 156	639,154	1.959	1 448	22 077	1,294,011	1.469	8 583	10 260					
11	Wellington	37 978 320	622,372	1.639	569	25 151 770	5,614,445	2.235	7 124	35 254	9,239,119	1.506	51 961	11 804					
12	Whangarei	6 063 814	92,431	1.524	22	25 972 027	611,167	2.353	1 385	18 752	9,980,337	1.584	6 917	9 063					
		367 899 842	6,174,000	1.678	2 919	1 168 889 112	24,294,136	2.078	39 753	29 403	45,014,212	1.424	280 809	11 258					
1	Borough Councils																		
1	Bluff	1 951 120	32,125	1.646	22	4 342 810	85,311	1.964	244	17 798	152,550	1.661	1 156	7 943					
2	Kanoni	1 839 215	50,678	2.755	7	4 310 490	67,257	1.560	155	27 810	205,411	1.362	1 464	10 304					
3	Lyttelton	9 035 027	114,293	1.264	26	4 934 916	102,576	2.079	197	25 030	189,529	1.453	3 236	10 193					
4	Riccarton	535 218	11,871	2.218	31	18 570 917	346,396	2.080	360	41 361	555,378	1.419	1 622	13 639					
5	Taurarunui	19 341 714	237,600	1.228	53	36 767 240	595,991	1.621	1 254	29 320	1,074,191	1.431	6 684	11 964					
6	Taupo	581 552	10,523	1.809	20	3 283 209	65,666	2.000	306	10 729	157,602	1.369	1 493	7 090					
7	Ti Aroha	5 464 448	72,283	1.323	27	9 690 961	174,687	1.805	413	23 465	345,623	1.488	2 356	9 171					
8	Ti Aroha	624 900	11,562	1.850	3	5 143 770	101,494	1.973	274	18 773	255,979	1.406	1 895	9 222					
9	Waikato	868 560	23,267	2.679	20	9 839 288	239,061	2.428	628	15 667	497,297	1.616	3 382	9 100					
10	Whakatane	40 241 754	564,142	1.402	209	103 249 057	1,910,515	1.850	4 280	24 124	3,655,891	1.453	24 672	10 201					
1	County Councils																		
1	Heathcote	7 336 893	66,879	0.911	1	13 546 138	168,025	1.241	143	94 729	393,780	1.128	2 101	16 193					
2	Kaikoura	523 000	8,403	1.607	18	3 858 500	75,007	1.939	362	10 686	176,569	1.644	1 467	7 320					
		7 859 893	75,292	0.958	19	17 414 638	243,032	1.396	505	34 484	560,349	1.252	3 568	12 545					
1	Area Electric Authority																		
1	Rotorua	13 650 271	173,012	1.267	83	67 234 703	1,528,716	2.274	4 007	16 779	2,038,578	1.551	20 449	8 949					
		13 650 271	173,012	1.267	83	67 234 703	1,528,716	2.274	4 007	16 779	2,038,578	1.551	20 449	8 949					
1	Government Department																		
1	Southland	70 509 069	1,082,130	1.535	221	112 347 270	1,867,298	1.662	6 204	18 109	4,157,282	1.581	27 021	9 732					
		70 509 069	1,082,130	1.535	221	112 347 270	1,867,298	1.662	6 204	18 109	4,157,282	1.581	27 021	9 732					
	GRAND TOTALS*	3 196 073 576	41,621,853	1.308	10 907	6 098 929 406	102,281,149	1.680	212 468	28 658	189,650,858	1.392	1 213 226	11 230					

\*Excludes Southland Electric Power Supply. †Shown separately, but included with New Zealand Electricity Department.  
 ‡Includes 3 056 534 kWh used for irrigation. ††Excludes New Zealand Electricity Department but includes Southland Electric Power Supply.  
 ‡‡kWh free of charge included under appropriate usage. †††Analysis of individual classifications pro-rated as actual values not obtainable.  
 ††††Includes 1 domestic consumer of T.J.C.C.

TABLE XIa—SUMMARY OF PUBLIC LIGHTING, RAILWAY AND URBAN TRACTION, INDUSTRIAL SALES (GROUPS 9, 10, AND 16) FOR THE YEAR ENDED 31 MARCH 1975

No.	Supply Authorities	Group 3—Public Lighting				Group 5—Railway Traction				Group 6—Urban Traction				Industrial Sales Groups 9, 10 and 16 (inclusive)—Iron and Steel Basic; Non-ferrous metal; Wood, Paper and Pulp Products									
		Units Sold	Revenue	Con- sumers	Average Units per Consumer	Units Sold	Revenue	Con- sumers	Average Units per Consumer	Units Sold	Revenue	Con- sumers	Average Units per Consumer	Units Sold	Revenue	Con- sumers	Average Units per Consumer						
1	NEW ZEALAND	104 489	\$ 1,520,114 <sup>1</sup>	1 138	91 819	24 700	344,956	1 397	124 700	233 12	237 996	161,704	1 321	3	4 079	323 3	667 145	836 <sup>2</sup>	\$ 16,160,554 <sup>3</sup>	5	1 661	2 207 794	001

Note—<sup>1</sup>Reduced by 3 as New Zealand Railways treated as one consumer.  
<sup>2</sup>Values pre-rated by Rotorua Area Electric Authority as actual values not obtainable.  
<sup>3</sup>Values pre-rated by Rotorua Area Electric Authority and Central Walkato E.P.B. as actual values not obtainable.

TABLE XIb—ANALYSIS OF INDUSTRIAL SALES (GROUPS 7, 8, 11-15, 17-18 INCLUSIVE) BY TYPE OF SUPPLY AUTHORITY FOR THE YEAR ENDED 31 MARCH 1975

No.	Type of Supply Authority	Industrial Sales											
		Group 7—Coal Mining				Group 8—Other Mining Industries				No.			
		Units Sold	Revenue	Con- sumers	Average Units per Consumer	Units Sold	Revenue	Con- sumers	Average Units per Consumer	Units Sold	Revenue	Con- sumers	Average Units per Consumer
1	New Zealand Electricity Department <sup>1</sup>	2 075	\$ 48,947	6	819	1 901	668	41,895	27	2 203	27	70	132
2	Electric Power Boards <sup>2</sup>	15 152	278,978	58	261 246	70 541	703	1,185,274	351	1,681	351	218	177
3	City Councils	162	3,649	1	162 067	2 769	656	67,433	32	2,435	32	86	552
4	Borough Councils	..	..	..	..	322	850	10,184	5	3,154	5	64	570
5	County Councils	..	..	..	..	..	..	..	..	..	..	..	..
6	Area Electric Authority <sup>3</sup>	2 075	48,947	6	479 223	1 901	668	41,895	27	2,203	27	70	132
7	Government Department <sup>4</sup>	..	..	..	..	3 659	..	142	..	..	..	1 890	6
8	NEW ZEALAND	18 109	669 331,574	65	279 841	75 539	536	1,305,428	397	1,728	397	190	276

No.	Type of Supply Authority	Industrial Sales											
		Group 11—Manufacture of Mechanical and Electrical Equipment				Group 12—Manufacture of Chemicals and Chemical Products				Group 13—Manufacture of Glass, Pottery, China and Earthenware, and Building Materials			
		Units Sold	Revenue	Con- sumers	Average Units per Consumer	Units Sold	Revenue	Con- sumers	Average Units per Consumer	Units Sold	Revenue	Con- sumers	Average Units per Consumer
1	New Zealand Electricity Department <sup>1</sup>	3 433	\$ 41,550	41	83 756	2 386	080	44,018	6	397	680	28,683	26
2	Electric Power Boards <sup>2</sup>	219 157	4,143,354	1 344	163 063	190 382	151	1,214	318	588	560	2,282,834	383
3	City Councils	72 993	1,308,113	514	142 011	17 738	896	327,511	87	203	895	1,122	99
4	Borough Councils	7 157	98,044	43	166 457	..	..	..	..	..	..	304,338	15
5	County Councils	..	..	..	..	..	..	..	..	..	..	11,361	..
6	Area Electric Authority <sup>3</sup>	173 844	5,251	9	19 516	106	136	2,668	2	53	068	8,062	8
7	Government Department <sup>4</sup>	399 991	9,329	40	9 999	2 386	080	44,818	6	397	680	23,683	26
8	NEW ZEALAND	302 916	5,596,312	1 951	155 262	210 573	263	2,686,129	413	509	863	2,630,498	531

(For notes see page 27.)

TABLE XIb—ANALYSIS OF INDUSTRIAL SALES (GROUPS 7, 8, 11-15, 17-18 INCLUSIVE) BY TYPE OF SUPPLY AUTHORITY FOR THE YEAR ENDED 31 MARCH 1975—continued

No.	Type of Supply Authority	Industrial Sales												No.		
		Group 14—Food, Beverages, and Tobacco Industries			Group 15—Manufacture of Textiles, Leather and Rubber Products, and Wearing Apparel			Group 17—Other Manufacturing Industries not Classified Elsewhere			Revenue	Units Sold	Revenue Per Unit Sold		Consumers	Average Units Per Consumer
		Units Sold	Revenue	Revenue Per Unit Sold	Consumers	Average Units Per Consumer	Units Sold	Revenue	Revenue Per Unit Sold	Consumers						
1	New Zealand Electricity Department <sup>1</sup>	kWh	\$	c	Number	kWh	\$	c	Number	kWh	\$	c	Number	kWh	kWh	4 807
2	Electric Power Boards <sup>2</sup>	48 671 918	718,246	1.476	67	262 847	4,901	1.865	6	43 808	19 230	2.382	4	1,821,204	458	4 807
3	City Councils	692 694 010	10,180,084	1.470	1 401	133 392 337	2,380,995	1.747	711	187 612	105 415 392	1.728	779	1,821,204	135 321	2
4	Borough Councils	125 270 024	1,984,697	1.568	426	73 903 444	1,235,412	1.672	350	27 547	27 913 600	1.917	327	535,144	85 963	3
5	County Councils	3 004 624	62,402	2.077	37	358 114	7,605	2.179	13	21 547	2 064 174 <sup>4</sup>	2.728	18	56,312	114 676	4
6	Area Electric Authority <sup>3</sup>	1 588 392	22,936	1.444	11	19 019	710	3.733	1	1 729	7 859 693	0.958	19	75,282	413 679	5
7	Government Department <sup>4</sup>	48 671 918	718,246	1.476	67	262 847	4,901	1.865	6	43 808	19 230	2.382	4	1,821,204	458	4 807
8	NEW ZEALAND	871 228 968	12,948,365	1.486	1 942	207 935 761	3,579,823	1.722	1 091	190 592	143 793 823	1.740	1 155	2,501,940	1 740	124 497

No.	Type of Supply Authority	Industrial Sales												No.		
		Group 18—Construction Works						Groups 7-18 (inclusive)—Total Industrial Sales <sup>5</sup>								
		Units Sold	Revenue	Revenue per Unit Sold	Consumers	Average Units per Consumer	Units Sold	Revenue	Revenue per Unit Sold	Consumers	Average Units per Consumer	Units Sold	Revenue		Revenue per Unit Sold	Consumers
1	New Zealand Electricity Department <sup>1</sup>	kWh	\$	c	Number	kWh	\$	c	Number	kWh	\$	c	Number	kWh	kWh	1
2	Electric Power Boards <sup>2</sup>	35 440 273	394,210	0.943	6	5 906 712	5,906,712	1.252	7 456	361 576	7 456	1.252	7 456	361 576	2	
3	City Councils	32 538 618	520,341	1.609	997	32 436	2 695 912	828	367 899	6,174,000	1.678	2 919	126 036	126 036	3	
4	Borough Councils	5 634 522	106,017	1.882	679	8 298	367 899	442	40 241	564,142	1.402	209	192 544	192 544	4	
5	County Councils	20 947	542	2.587	25	834	40 241	754	7 859 893	75,282	0.958	19	413 679	413 679	5	
6	Area Electric Authority <sup>3</sup>	38 428	937	2.438	1	38 428	13 650 271	173,012	13 650 271	173,012	1.267	83	166 461	166 461	6	
7	Government Department <sup>4</sup>	2 957 658	40,558	1.371	3	985 886	1,082,130	1.535	70 509	669	1,535	221	319 046	319 046	7	
8	NEW ZEALAND	73 472 788	962,047	1.309	1 708	43 017	3 196 073	576,41,821,853	1 309	10 907	293 030	1.309	10 907	293 030	8	

Notes—<sup>1</sup>Includes Southland Electric Power Supply. <sup>2</sup>Southland Electric Power Supply shown separately but included with New Zealand Electricity Department. <sup>3</sup>Lytelton Borough Council total industrial figures, 1 839 215 at \$50, 678, included in Group 17, due to incomplete information. <sup>4</sup>Electric Authority and Central Waikato E.P.B. as actual values not obtainable. <sup>5</sup>Analysis of individual classifications pro-rated by Rotorua Area

TABLE XII—AVERAGES DERIVED FROM PREVIOUS TABLES FOR THE YEAR ENDED 31 MARCH 1975

No.	Supply Authorities	Revenue from Sale of Energy					Cost of Energy			Cost of Transmission and Distribution				Total Annual Costs—Per Unit Sold	Capital Charges Percent of Total Capital Expenditure	Loan Liability Per Cent of Total Capital Expenditure	Surplus Percent of Total Revenue	Loan Liability Per Consumer	No.
		Per Unit Sold (Including Bulk Sales)	Per Unit Sold (Retail Sales)	Per Unit Sold (Domestic Supply)	Per Unit Sold (Non-domestic Supply)	Per Head of Population*	Per Gen. Created	Per Unit Purchased	Per Unit Sold	Per Unit Operation and Maintenance	Per Unit Sold—Man-agement and General	Per Unit Sold—Capital Charges	Per Unit Sold—Total						
1	New Zealand Electricity Department <sup>1</sup>	c ..	c ..	c ..	c ..	\$ ..	\$ ..	c ..	c ..	c ..	c ..	c ..	c ..	c ..	% 5.78	% 74.39	% -12.31	\$ ..	1
2	Ashburton ..	1.373	1.373	1.163	1.910	60.42	0.644	0.690	0.190	0.161	0.125	0.483	1.207	2.65	12.49	17.28	55.55	2	
3	Auckland ..	1.269	1.269	1.075	1.435	39.84	..	0.794	0.174	0.103	0.187	0.464	1.258	7.06	21.37	2.03	71.62	3	
4	Bay of Islands ..	1.614	1.614	1.347	1.952	59.00	..	0.661	0.351	0.138	0.290	0.700	1.515	5.52	47.64	8.16	227.06	4	
5	Bay of Plenty ..	1.077	1.077	1.389	1.009	83.05	1.580	0.652	0.144	0.109	0.204	0.456	1.223	9.35	31.85	-1.27	160.99	5	
6	Buller ..	1.183	1.183	1.329	1.131	80.58	..	0.653	0.176	0.176	0.143	0.494	1.191	5.34	29.99	0.86	126.12	6	
7	Cambridge ..	1.383	1.383	1.130	1.850	53.56	..	0.757	0.159	0.166	0.086	0.411	1.268	3.21	9.21	9.21	151.05	7	
8	Central Canterbury ..	1.325	1.325	1.167	1.783	93.23	..	0.716	0.180	0.256	0.184	0.519	1.287	4.96	27.49	17.06	39.20	8	
9	Central Hawke's Bay ..	1.371	1.371	1.121	1.877	60.13	..	0.705	0.160	0.164	0.107	0.451	1.230	2.66	10.87	11.05	151.05	9	
10	Dannevirke ..	1.451	1.451	1.189	1.864	45.91	..	0.781	0.181	0.190	0.245	0.616	1.465	6.77	27.91	8.24	94.24	10	
11	Egmont ..	1.443	1.443	1.148	2.253	36.52	..	0.728	0.158	0.247	0.152	0.557	1.349	3.82	..	8.24	..	..	11
12	Egmont ..	1.362	1.362	0.984	1.812	86.54	0.226	0.684	0.327	0.218	0.090	0.636	1.369	2.75	10.61	2.18	38.97	12	
13	Franklin ..	1.421	1.421	1.227	1.782	34.62	..	0.722	0.205	0.178	0.209	0.517	1.323	4.91	18.24	7.98	72.71	13	
14	Golden Bay ..	0.929	0.929	1.276	0.864	161.34	0.407	0.656	0.110	0.078	0.064	0.252	0.924	4.01	18.24	3.35	72.67	14	
15	Hawke's Bay ..	1.133	1.133	1.140	1.199	83.40	..	0.716	0.149	0.112	0.100	0.329	1.078	4.91	24.37	6.27	86.74	15	
16	Horowhenua ..	1.610	1.610	1.293	2.340	63.09	..	0.740	0.229	0.216	0.296	0.742	1.550	6.72	30.75	6.49	112.14	16	
17	Hutt Valley ..	1.512	1.512	1.173	2.069	39.99	..	0.830	0.262	0.193	0.174	0.629	1.504	5.77	33.09	2.30	125.35	17	
18	King Country ..	1.152	1.152	0.980	1.688	43.17	0.338	0.798	0.155	0.136	0.243	0.533	1.222	5.30	39.42	11.42	246.75	18	
19	Manawatu-Oroua ..	1.165	1.165	1.124	1.924	66.46	..	0.763	0.156	0.089	0.168	0.413	1.201	7.73	20.97	-0.66	92.43	19	
20	Manoroborough ..	1.601	1.601	1.258	2.257	37.96	0.532	0.691	0.312	0.220	0.354	0.806	1.630	6.70	32.53	4.56	154.74	20	
21	North Auckland ..	1.181	1.181	1.352	1.203	74.60	..	0.625	0.126	0.151	0.293	0.571	1.221	7.70	32.05	-1.41	189.93	21	
22	North Canterbury ..	1.466	1.466	1.399	2.136	70.41	..	0.720	0.256	0.174	0.214	0.644	1.412	5.98	39.75	5.31	150.57	22	
23	Otago ..	1.357	1.357	1.100	1.791	67.17	..	0.728	0.185	0.124	0.209	0.510	1.310	4.45	18.45	5.93	81.54	23	
24	Otago Central ..	1.252	1.252	1.149	1.481	69.07	0.142	0.823	0.522	0.198	0.181	0.263	1.163	5.38	30.42	11.11	174.25	24	
25	Porvory Bay ..	1.520	1.520	1.212	2.129	51.06	2376.682	0.753	0.316	0.194	0.281	0.791	1.658	5.47	40.05	12.42	177.60	25	
26	South Canterbury ..	1.274	1.274	1.306	2.124	65.58	..	0.703	0.144	0.139	0.146	0.428	1.154	4.51	32.51	12.43	174.21	26	
27	Taranaki ..	1.242	1.242	0.952	1.613	59.51	0.474	0.687	0.174	0.147	0.160	0.481	1.208	5.23	14.06	4.26	54.56	27	
28	Taranaki ..	1.757	1.757	1.436	2.544	71.08	..	0.925	0.266	0.248	0.384	0.918	1.744	7.02	44.02	3.48	258.86	28	
29	Tauranga ..	1.479	1.479	1.308	1.998	54.06	0.452	0.721	0.329	0.155	0.257	0.742	1.462	5.43	54.59	2.50	53.86	29	
30	Te Awamutu ..	1.227	1.227	1.024	1.258	40.89	..	0.676	0.195	0.167	0.117	0.479	1.210	6.80	2.74	2.97	7.78	30	
31	Thames Valley ..	1.026	1.026	1.283	0.956	100.26	..	0.652	0.130	0.079	0.113	0.332	0.938	6.80	35.78	3.55	129.79	31	
32	Waimea ..	1.182	1.182	1.052	2.156	49.90	0.274	0.736	0.161	0.129	0.120	0.410	1.193	4.69	21.86	3.51	74.35	32	
33	Wairarapa ..	1.654	1.654	1.370	2.070	68.40	0.334	0.802	0.245	0.169	0.403	0.817	1.619	7.87	45.74	3.59	230.80	33	
34	Waikare ..	1.659	1.659	1.488	2.215	75.11	0.466	0.616	0.576	0.172	0.332	0.932	1.696	5.69	26.72	1.35	194.93	34	
35	Waikato ..	1.194	1.194	1.179	1.779	65.92	..	0.787	0.196	0.177	0.195	0.508	1.294	5.15	21.05	2.15	65.72	35	
36	Waikato ..	1.509	1.509	1.188	2.080	69.68	..	0.719	0.302	0.111	0.333	0.746	1.512	7.99	21.05	2.15	90.58	36	
37	Waitemata ..	1.669	1.669	1.374	2.997	47.82	10.855	0.803	0.288	0.159	0.324	0.770	1.624	9.78	39.53	4.55	104.67	37	
38	Waitemata ..	1.472	1.472	1.197	1.785	72.85	0.267	0.707	0.202	0.161	0.332	0.695	1.475	6.37	34.80	5.14	184.59	38	
39	Wanganui-Rangitikei ..	1.577	1.577	1.119	2.261	57.57	1.148	0.756	0.219	0.134	0.221	0.574	1.373	6.24	32.51	6.73	120.08	39	
40	West Coast ..	1.509	1.509	1.488	2.261	65.96	..	0.776	0.309	0.413	0.280	1.002	1.934	6.31	28.77	0.40	147.88	40	
41	West Coast ..	1.339	1.372	1.195	1.568	61.27	0.444	0.738	0.195	0.142	0.201	0.539	1.314	6.40	29.36	3.93	112.96	41	

No.	Supply Authorities	Revenue from Sale of Energy					Cost of Energy				Cost of Transmission and Distribution					Total Annual Cost Per Unit Sold	Capital Charges Per Cent of Capital Expenditure	Loan Liability Per Cent of Total Expenditure	Surplus Percent of Total Revenue	Loan Liability Per Consumer	No.
		Per Unit Sold (Including Bulk Sales)	Per Unit Sold (Retail Sales)	Per Unit Sold (Domestic Supply)	Per Unit Sold (Non-domestic Supply)	Per Head of Population	Per Retail Consumer	Per Unit Generated	Per Unit Purchased	Per Unit Sold	Per Unit Operation and Maintenance	Per Unit Management and General	Per Unit Sold—Capital Charges	Per Unit Sold—Total							
1	Christchurch	1.402	1.402	1.078	2.067	59.15	163.15	0.584	0.862	0.118	0.121	0.179	0.417	1.325	5.67	11.55	6.66	42.15	1		
2	Dunedin	1.309	1.309	0.995	1.996	65.49	170.82	0.584	0.830	0.189	0.187	0.143	0.519	1.164	3.29	9.23	13.40	60.63	2		
3	Hamilton	1.818	1.818	1.166	2.744	74.75	193.76	0.584	0.845	0.175	0.171	0.143	0.515	1.399	0.69	2.23	23.77	75.70	3		
4	Invercargill	1.329	1.329	1.084	1.908	46.08	133.62	0.584	0.790	0.188	0.188	0.102	0.407	1.247	3.67	27.23	7.43	235.94	4		
5	Napier	1.620	1.620	1.248	1.908	68.55	172.78	0.584	0.785	0.244	0.291	0.399	0.933	1.751	9.52	52.79	-5.10	235.94	5		
6	Nelson	1.514	1.514	0.994	2.310	63.17	156.93	0.434	0.764	0.314	0.139	0.105	0.559	1.376	4.01	12.34	18.04	30.07	6		
7	New Plymouth	1.392	1.392	1.003	2.024	55.55	140.64	0.434	0.741	0.209	0.090	0.120	0.419	1.176	4.09	18.04	8.40	1096.49	7		
8	Palmerston North	1.449	1.449	1.068	2.155	48.45	127.41	0.830	0.819	0.112	0.152	0.103	0.367	1.245	5.12	20.63	8.12	1096.49	8		
9	Tairāwhiti	1.470	1.470	0.734	2.058	81.58	151.40	0.830	0.920	0.162	0.110	0.042	0.313	1.220	65.29	9.35	16.22	25.63	9		
10	Tairāwhiti	1.469	1.469	1.167	1.999	82.03	150.76	0.830	0.750	0.184	0.167	0.132	0.483	1.272	4.95	9.35	16.22	25.63	10		
11	Wellington	1.506	1.506	1.001	2.235	73.91	177.81	0.830	0.850	0.240	0.161	0.175	0.575	1.485	5.56	33.17	3.43	123.07	11		
12	Whangarei	1.564	1.564	1.003	2.353	54.86	141.73	0.830	0.863	0.185	0.131	0.092	0.408	1.327	6.12	15.29	15.29	70.84	12		
		1.424	1.424	1.042	2.078	62.12	160.30	0.603	0.804	0.176	0.152	0.153	0.480	1.319	4.59	18.06	9.11	70.84			
	<b>Borough Councils</b>																				
1	Bluff	1.661	1.661	1.389	1.964	46.94	131.96	0.846	0.846	0.367	0.212	0.137	0.716	1.647	5.51	0.37	6.74	0.74	1		
2	Kaunapoi	1.362	1.362	1.282	2.560	46.79	140.31	0.846	0.891	0.267	0.092	0.109	0.552	1.412	8.42	19.49	0.29	45.08	2		
3	Lyttelton	1.449	1.449	1.068	2.079	57.55	146.35	0.846	0.750	0.264	0.181	0.000	0.454	1.240	5.12	16.59	16.59	36.09	3		
4	Riccarton	1.321	1.321	0.892	2.864	77.78	172.16	0.846	0.818	0.147	0.177	0.065	0.391	1.241	4.48	19.11	7.57	36.09	4		
5	Taurarunui	1.419	1.419	0.966	2.080	54.00	156.03	0.510	0.969	0.178	0.228	0.200	0.606	1.485	4.64	31.30	8.27	130.14	5		
6	Taupo	1.431	1.431	1.249	1.621	67.14	161.19	0.338	0.762	0.153	0.287	0.255	0.695	1.415	6.50	51.89	2.95	260.98	6		
7	Te Aroha	1.565	1.565	1.394	2.000	49.87	109.98	0.846	0.874	0.340	0.187	0.047	0.574	1.548	2.01	8.33	8.48	13.61	7		
8	Thames	1.486	1.486	1.259	1.805	57.13	136.23	0.846	0.891	0.195	0.180	0.067	0.400	1.245	3.52	1.66	16.72	2.04	8		
9	Waikato	1.466	1.466	1.255	1.973	45.47	135.24	0.846	0.829	0.139	0.169	0.150	0.415	1.293	5.26	5.55	12.09	9.82	9		
10	Whakatane	1.616	1.616	1.234	2.428	56.83	147.04	0.846	0.830	0.104	0.237	0.074	0.415	1.306	2.52	6.73	20.00	18.23	10		
		1.453	1.453	1.176	1.850	59.64	148.18	0.332	0.822	0.160	0.224	0.139	0.523	1.357	5.21	30.86	9.15	90.83			
	<b>County Councils</b>																				
1	Heathcote	1.128	1.128	1.054	1.241	55.78	182.66	0.794	0.794	0.034	0.156	0.159	0.349	1.178	10.07	21.23	-2.14	54.40	1		
2	Kaikoura	1.644	1.644	1.478	1.939	62.61	120.36	0.820	0.820	0.692	0.133	0.462	1.288	2.230	12.53	5.78	31.92	15.62	2		
		1.252	1.252	1.160	1.396	57.77	157.05	0.800	0.800	0.192	0.150	0.230	0.574	1.430	11.11	14.68	-11.56	38.46			
	<b>Area Electric Authority</b>																				
1	Rotorua	1.551	1.551	1.192	2.274	51.28	138.82	0.821	0.821	0.252	0.224	0.150	0.626	1.520	6.70	64.22	4.29	129.00	1		
		1.551	1.551	1.192	2.274	51.28	138.82	0.821	0.821	0.252	0.224	0.150	0.626	1.520	6.70	64.22	4.29	129.00			
	<b>Government Department</b>																				
1	Southland	1.275	1.275	1.520	1.662	60.36	153.85	0.846	0.846	0.252	0.224	0.150	0.626	1.520	6.70	64.22	4.29	129.00	1		
		1.581	1.581	1.520	1.662	60.36	153.85	0.846	0.846	0.252	0.224	0.150	0.626	1.520	6.70	64.22	4.29	129.00			
		1.210	1.210	1.158	1.256	63.57	162.08	0.640	0.717	0.221	0.162	0.287	0.670	1.393	5.82	63.63	-1.95	90.83			
	<b>Averages for all Supply Authorities</b>																				
	<b>GRAND TOTALS</b>	1.189	1.189	1.141	1.232	62.52	160.47	0.511	0.726	0.193	0.142	0.266	0.603	1.182	5.74	62.06	1.77	42.15			
		1.183	1.183	1.103	1.261	59.96	154.16	0.448	0.723	0.183	0.140	0.268	0.592	1.107	5.69	61.66	5.29	60.63			
		1.243	1.243	1.101	1.398	56.15	144.37	0.444	0.723	0.183	0.148	0.288	0.627	1.142	5.87	61.71	6.27	60.63			
		1.267	1.267	1.082	1.537	51.88	136.26	0.465	0.920	0.182	0.133	0.298	0.613	1.156	6.00	62.83	7.58	60.63			
		1.294	1.294	1.085	1.559	50.93	131.82	0.459	0.701	0.165	0.115	0.302	0.588	1.119	6.14	63.87	9.57	60.63			
		1.302	1.302	1.091	1.586	49.10	125.97	0.417	0.662	0.165	0.110	0.302	0.588	1.070	6.15	65.31	12.20	60.63			
		1.215	1.215	1.021	1.479	43.78	118.54	0.390	0.537	0.156	0.106	0.300	0.563	1.020	5.92	65.19	11.14	60.63			
		1.116	1.116	0.932	1.368	39.41	107.96	0.476	0.476	0.156	0.106	0.300	0.563	0.919	5.60	65.14	12.15	60.63			
		1.096	1.096	0.920	1.334	36.99	101.94	0.432	0.432	0.156	0.106	0.300	0.563	0.910	5.48	65.50	11.65	60.63			
		1.099	1.099	0.923	1.337	34.22	95.72	0.432	0.432	0.156	0.106	0.300	0.563	0.923	5.70	66.95	11.29	60.63			

Notes—<sup>1</sup>Also shown in table XI.  
<sup>2</sup>Net costs divided by retail units.  
<sup>3</sup>Shown separately but included with New Zealand Electricity Department.  
<sup>4</sup>Power purchased from sundry private plants.



TABLE XIII—STATISTICS OF POPULATION, TOTAL CONSUMERS, ELECTRIC RANGES AND WATER-HEATERS, STAFF EMPLOYED, FOR THE YEAR ENDED 31 MARCH 1975

No.	Supply Authorities	Population Included in Area of Supply	Total Number of Consumers <sup>1</sup>	Ratio of Total Number of Consumers to Population	Electric Ranges		Electric Water-heaters		Consumers Per Circuit kilometre of Line	Staff Employed	No.
					Domestic	Ratio of Number of Domestic Ranges to number of Domestic Consumers	Domestic	Ratio of Number of Domestic Water-heaters to number of Domestic Consumers			
1	New Zealand Electricity Department <sup>2</sup>	..	28 717	..	18 718	..	17 953	..	..	5 405	
	POWER BOARDS										
1	Asburton	25 320	11 789	44.56	8 644	94.41	11 273	124.43	4.30	106	1
2	Auckland	496 580	184 287	37.11	134 811	84.64	146 242	91.81	31.34	975	2
3	Bay of Islands	35 980	14 510	40.33	9 636	89.89	9 259	86.37	3.89	111	3
4	Bay of Plenty	34 340	12 602	36.70	7 584	83.22	7 416	81.38	6.99	127	4
5	Buller	7 880	3 411	43.29	2 062	75.61	1 437	52.69	5.25	40	5
6	Cambridge	11 320	5 049	44.60	3 525	93.90	4 900	130.53	13.32	27	6
7	Central Canterbury	43 540	17 988	41.31	12 803	93.18	12 854	93.55	5.39	161	7
8	Central Hawke's Bay	12 700	6 227	49.03	4 864	101.67	4 761	103.34	3.12	32	8
9	Central Waikato	100 630	34 188	33.97	26 343	92.72	24 981	87.92	7.96	216	9
10	Dannevirke	12 250	5 693	46.47	4 122	100.56	3 920	95.63	5.80	42	10
11	Egmont	25 280	11 033	43.64	7 473	97.85	7 584	99.31	6.62	86	11
12	Franklin	36 680	17 123	46.68	11 501	96.07	10 861	90.73	6.62	107	12
13	Golden Bay	3 280	2 294	69.93	1 080	76.92	1 275	90.81	4.03	21	13
14	Hawke's Bay	96 870	34 814	35.94	27 242	91.94	28 389	95.81	8.88	277	14
15	Horowhenua	51 320	24 286	47.32	17 851	85.04	18 592	88.57	16.97	168	15
16	Hutt Valley	210 600	66 686	31.66	56 157	93.52	58 637	97.65	37.09	529	16
17	King Country	17 620	7 214	40.94	4 649	84.63	4 486	81.68	3.22	43	17
18	Manawatu-Oroua	43 470	17 569	40.42	12 704	96.67	12 451	94.74	7.73	144	18
19	Marlborough	31 370	12 603	40.17	8 711	87.81	9 186	92.60	6.05	120	19
20	North Auckland	44 590	21 371	47.93	15 725	97.13	14 886	91.95	5.05	178	20
21	North Canterbury	25 430	13 030	51.24	9 072	93.87	9 120	94.37	3.59	124	21
22	Otago	25 810	13 558	52.53	6 817	69.49	6 919	70.53	3.25	100	22
23	Otago Central	17 810	8 982	50.43	6 117	85.17	5 978	83.24	4.44	117	23
24	Poverty Bay	46 270	17 961	38.82	12 436	88.26	12 275	87.12	7.14	168	24
25	South Canterbury	40 270	15 782	39.19	10 929	78.10	10 312	73.69	6.04	179	25
26	Taranaki	27 230	12 479	45.83	8 201	93.09	7 889	89.55	8.16	87	26
27	Tararua	7 940	4 567	57.52	2 824	92.92	2 714	89.31	3.56	32	27
28	Tauranga	59 410	25 551	43.01	18 469	89.80	17 832	86.70	8.20	192	28
29	Te Awamutu	19 680	8 593	43.66	5 406	90.10	5 682	94.70	7.39	39	29
30	Thames Valley	81 570	37 994	46.58	27 728	97.58	26 154	92.04	6.01	283	30
31	Waimea	42 210	17 078	40.46	14 151	105.23	14 505	107.86	7.76	194	31
32	Wairarapa	38 000	15 950	41.97	11 463	93.00	11 773	95.51	5.80	150	32
33	Waikato	3 180	1 930	60.69	1 160	90.70	1 369	108.60	1.94	20	33
34	Waikato	5 340	2 916	54.61	1 772	91.62	1 762	91.11	3.03	28	34
35	Wairarapa	21 490	9 621	44.77	7 397	97.23	7 085	99.19	5.47	97	35

(For notes see page 32)

TABLE XIII—STATISTICS OF POPULATION, TOTAL CONSUMERS, ELECTRIC RANGES AND WATER-HEATERS, STAFF EMPLOYED, FOR THE YEAR ENDED 31 MARCH 1975—continued

No.	Supply Authorities	Population Included in Area of Supply	Total Number of Consumers <sup>1</sup>	Ratio of Total Number of Consumers to Population	Electric Ranges		Electric Water-heaters		Consumers Per Circuit kilometre of Line	Staff Employed	No.
					Domestic	Ratio of Number of Domestic Ranges to number of Domestic Consumers	Domestic	Ratio of Number of Domestic Waterheaters to number of Domestic Consumers			
36	Waitemata ..	264 030	94 516	35.80	75 004	89.39	79 062	94.23	12.32	563	36
37	Waitomo ..	16 770	8 150	48.60	5 244	94.49	5 159	92.95	5.03	65	37
38	Wanganui-Rangitikei ..	69 260	27 716	40.02	19 113	86.77	19 456	88.33	7.07	191	38
39	West Coast ..	24 400	9 596	39.33	4 533	61.20	3 480	46.98	6.69	134	39
		2 177 720	856 707	39.34	625 323	89.46	641 936	91.84	8.54	6 213	
	<b>CITY COUNCILS</b>										
1	Christchurch ..	249 530	90 472	36.26	76 010	93.18	80 125	98.23	36.14	523	1
2	Dunedin ..	117 240	44 946	38.34	30 040	77.28	35 097	90.30	28.52	349	2
3	Hamilton ..	24 500	11 682	47.68	6 548	73.75	7 640	86.05	45.99	72	3
4	Invercargill ..	41 930	14 710	35.08	8 627	67.12	8 875	69.05	40.08	70	4
5	Napier ..	13 960	5 539	39.68	3 277	75.28	3 923	90.12	41.96	91	5
6	Nelson ..	16 720	6 730	40.25	3 638	68.85	5 517	104.41	49.48	57	6
7	New Plymouth ..	48 190	19 033	39.50	12 069	79.21	13 866	91.00	18.71	150	7
8	Palmerston North ..	42 509	16 820	39.58	11 727	82.17	13 396	93.87	55.69	88	8
9	Tauranga ..	6 340	3 416	53.88	2 138	95.70	2 227	99.69	23.39	36	9
10	Timaru ..	20 860	8 583	41.15	5 612	78.65	6 108	85.61	35.47	56	10
11	Wellington ..	125 000	51 961	41.57	24 669	55.02	38 684	86.28	24.77	328	11
12	Whangarei ..	17 870	6 917	38.71	5 495	99.33	5 379	97.23	50.49	31	12
		724 640	280 809	38.75	189 850	78.76	220 837	91.61	31.52	1 851	
	<b>BOROUGH COUNCILS</b>										
1	Bluff ..	3 250	1 156	35.57	562	61.62	398	43.64	35.03	13	1
2	Kaipoi ..	4 390	1 464	33.35	1 261	96.33	1 310	100.08	41.83	13	2
3	Lytelton ..	2 820	1 296	45.96	1 055	96.00	1 053	95.81	31.61	11	3
4	Riccarton ..	7 140	3 226	45.18	2 517	90.64	2 814	101.33	56.60	21	4
5	Taumarunui ..	4 110	1 622	39.46	972	77.02	955	75.67	43.84	11	5

(For notes see page 32.)



TABLE XIII—STATISTICS OF POPULATION, TOTAL CONSUMERS, ELECTRIC RANGES AND WATER-HEATERS, STAFF EMPLOYED, FOR THE YEAR ENDED 31 MARCH 1975—continued

No.	Supply Authorities	Population Included in Area of Supply	Total Number of Consumers <sup>1</sup>	Ratio of Total Number of Consumers to Population	Electric Ranges		Electric Water-heaters		Consumers Per Circuit kilometre of Line	Staff Employed	No.
					Domestic	Ratio of Number of Domestic Ranges to number of Domestic Consumers	Domestic	Ratio of Number of Domestic Waterheaters to number of Domestic Consumers			
6	BOROUGH COUNCILS—continued	16 000	6 664	41.65	4 969	91.85	5 256	97.15	9.70	57	6
7		3 160	1 433	45.35	945	83.85	992	88.02	17.69	8	7
8		6 050	2 536	41.92	2 081	98.02	2 164	101.93	26.98	13	8
9		5 630	1 893	33.62	1 551	95.80	1 516	93.64	34.42	12	9
10		8 750	3 382	38.65	2 759	100.18	2 820	102.40	59.33	15	10
		61 300	24 672	40.25	18 672	91.56	19 278	94.54	20.96	174	
1	COUNTY COUNCILS	6 880	2 101	30.54	1 924	98.26	1 930	98.57	35.02	12	1
2		2 820	1 467	52.02	844	76.38	835	75.57	8.02	13	2
		9 700	3 568	36.78	2 768	90.69	2 765	90.27	14.68	25	
1	AREA ELECTRIC AUTHORITY	55 350	20 449	36.94	15 904	96.73	15 176	92.30	14.29	127	1
		55 350	20 449	36.94	15 904	96.73	15 176	92.30	14.29	127	
1	GOVERNMENT DEPARTMENT	68 880	27 021	39.23	17 002	81.67	16 201	77.83	3.65	239	1
		68 880	27 021	39.23	17 002	81.67	16 201	77.83	3.65	239	
	GRAND TOTALS	3 097 590	1 214 922	39.22	871 235	86.92	917 945	91.58	9.06	13 795	

Total population of Dominion as at 1 April 1975 was 3 105 400. Ratio of population in area of supply to total population of Dominion: 99.748 per cent.  
Mean population of Dominion as at 1 April 1975 was 3 060 400.

Notes—<sup>1</sup>For detailed analysis see table XI.

<sup>2</sup>Includes Southland Electric Power Supply.

<sup>3</sup>Shown separately but included with New Zealand Electricity Department.



## SUPPLEMENT

Annual Statistics in Relation to Electric Power  
Development and Operation—Year Ended 31 March 1974

The following amendments are necessary in the 1973-74 annual statistics:

## Page 1—

- Item 1, column 1, shows 65, should read 66.
- Item 1, column 4, shows 76, should read 77.
- Item 23, shows 5,531, should read 5,953.

## Page 2—

Units Sold: New Zealand, shows 16,393,145,151, should read 16,393,145,241.

## Page 3—Table V:

Transmission System, shows 500 kV ac., should read 500 kV d.c.

## Page 5—Table VI:

Static Head:  
EPB's

- North Auckland; delete 67.
- West Coast; insert 33.

## Page 7—Table VII:

Purchased:

Marlborough EPB, shows 144,188,263, should read 114,188,263.

## Page 19—Table X (Part I):

Appropriation Account Surplus:

City Councils sub-total, shows 4,835,655, should read 4,835,565.

## Page 23—Table XI (Part I):

Domestic:

Domestic revenue per unit sold:

Whakatane BC, shows 1.190, should read 1.180.

## Page 24—Table XI (Part II):

Non-domestic:

Marlborough EPB Consumers, shows 619, should read 2,619.

Average Units per Consumer, shows 58,774, should read 13,891.

## Page 28—Table XII:

Revenue from Sale of Energy:

Per unit sold (including bulk sales):

Wairoa BC, shows 1.158, should read 1.163.

Whakatane BC, shows 1.750, should read 1.746.

## Page 28—Table XII:

Per Head of Population:

Averages all Supply Authorities, shows 62.49, should read 62.52.

## Page 28—Table XII:

Cost of Energy:

Per Unit Generated:

Averages all Supply Authorities, shows 0.580, should read 0.511.

Averages all Supply Authorities 1973, shows 0.515, should read 0.448.

Per Unit Purchased:

Averages all Supply Authorities, shows 1.234, should read 1.226<sup>5</sup>.

Per unit sold—

King Country EPB: shows 0.700, should read 0.775.  
Otago Central EPB: shows 0.489, should read 0.534.  
Taranaki EPB: shows 0.671, should read 0.716.  
Wairere EPB: shows 0.346, should read 0.611.  
West Coast EPB: shows 0.717, should read 0.837.  
Dunedin CC: shows 0.602, should read 0.647.  
Tauranga CC: shows 0.574, should read 0.693.  
Taumarunui BC: shows 0.831, should read 0.910.  
Taupo BC: shows 0.668, should read 0.720.  
Averages all supply authorities shows 0.511, should read 0.580.<sup>6</sup>

Page 28—Table XII—Replace with the following:

Supply Authority	Cost of Transmission and Distribution			Total
	Operation and Maintenance	Per Unit Sold— Management and General	Capital Charges	
<b>POWER BOARDS—</b>				
Bay of Plenty ..	0.123	0.106	0.186	0.414
Hawke's Bay ..	0.091	0.114	0.106	0.310
King Country ..	0.122	0.115	0.232	0.468
Manawatu-Oroua ..	0.135	0.082	0.106	0.577
North Auckland ..	0.120	0.146	0.206	0.472
North Canterbury ..	0.240	0.183	0.185	0.670
Otago Central ..	0.188	0.188	0.251	0.602
South Canterbury ..	0.153	0.130	0.175	0.458
Thames Valley ..	0.119	0.071	0.105	0.295
Wairere ..	0.133	0.114	0.105	0.351
Wairangi ..	0.484	0.152	0.337	0.973
Wairoa ..	0.120	0.124	0.123	0.389
West Coast ..	0.324	0.313	0.209	0.853
Subtotal	0.171	0.128	0.191	0.490

## Page 28—Table XII:

Total Annual Costs—Per Unit Sold:

Averages for all supply authorities, should read 1.182.

Grand totals—1968, should read 1.020.

## Page 28—Table XII—

Loan liability percent of total Capital Expenditure—

EPB's

Auckland, should read 21.20.

Thames Valley, should read 37.39.

BC's

Riccarton, should read 12.58

Taumarunui, should read 24.01.

Taupo, should read 47.37.

Te Aroha, should read ..

Thames, should read 2.22.

Wairoa, should read 6.31.

## Page 32—Table XII:

Total population, should read 3 042 090.

