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ANNUAL STATISTICS IN RELATION TO

ELECTRIC POWER DEVELOPMENT AND OPERATION

YEAR ENDED 31 MARCH 1971

Used 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.	43	3	6	52	1
Installed capacity	kW	3,075,232	642,620	190,710	3,908,562	2
Production	kWh	11,265,694,550	2,365,520,276	74,511,062	13,705,725,888	3
Maximum load	kW				2,854,700	4
Retail sales	kWh				11,745,327,479	5
Customers†	No.				1,109,576	6
Production (mean)‡	No.					7
Production (total)‡	No.					8
Capital expenditure, generation, transmission, distribution	\$				1,350,814,108	9
Revenue from retail sales of electricity	\$		151,189,838			10
Revenue from other sources	\$		3,258,625			11
Total revenue	\$				154,448,463	12
Operating costs	\$		54,707,399			13
Capital charges	\$		81,105,429			14
Total costs	\$				135,812,828	15
Profit	\$				18,635,635	16
Operating costs per kWh sold retail	c		0.4658			17
Capital charges per kWh sold retail	c		0.6905			18
Capital cost per kWh sold retail	c				1.1563	19
Revenue per kWh sold retail	c				1.3150	20
Revenue from retail sales of electricity per kWh sold	c				1.2872	21
Production per head of mean population	kWh					22
Production per head of total population	kWh					23
Sales per head of total consumers	kWh					24
Ratio of capital charges to capital expenditure	%				6.00	25
Capital fires reported during year	No.				51	26
Electrical accidents during year (fatal)	No.				21	27
Electric ranges (domestic)	No.				750,392	28
Electric water-heaters (domestic)	No.				792,823	29

Notes—*Includes two gas turbine plants with total capacity of 186,000 kW
 †Consumers classified according to "end usage" of electrical energy.
 ‡Population figures not available at time of going to print; a supplementary sheet will be published later in the year.

TABLE I—NEW ZEALAND ELECTRICITY DEPARTMENT ONLY
 Summarised Profit and Loss Account for Year Ended 31 March 1971

	\$	\$	Revenue—	\$
Operating costs		25,649,616	Sales of energy	93,461,656
Capital charges	36,312,478		Rent and miscellaneous receipts	505,951
Production including interest on				
Capital Reserve	15,528,268			
Capital repayments	7,372,314			
		59,213,060		
Operating costs (see Table IV)		84,862,676		
Transfer to General Reserve Account		9,104,931		
		93,967,607		93,967,607

TABLE II—NEW ZEALAND ELECTRICITY DEPARTMENT ONLY
 Summarised Balance Sheet as at 31 March 1971

	\$	\$		\$
Capital resources		751,469,023	Completed works	818,395,661
Production Account	142,787,657		Works under construction	193,057,383
Capital Reserve Account	150,015,333		Plant, motor vehicles, and tools	3,429,150
		292,802,990	Stocks of materials	14,131,215
			Capital outlay (see table V)	1,029,013,409
			Sundry debtors, etc.	20,143,547
			Less sundry creditors	4,884,943
		1,044,272,013		15,258,604
				1,044,272,013

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TABLE V—NEW ZEALAND ELECTRICITY DEPARTMENT ONLY—continued
Analysis of Capital Outlay as at 31 March 1971—continued

	Headworks	Station Buildings and Villages	Generating Plant and Machinery	Total	Grand Total
	80,340,178	17,327,230	10,302,107		
Completed Works—continued					
	\$	\$	\$	\$	\$
Waitaki	3,750,188	3,080,035	2,569,415	9,399,638	
Lake Wakatipu control	1,384	5,494	..	6,878	
Lake Hawea control	4,903,285	7,800	..	4,911,085	
Benmore	47,311,642	1,018,098	17,069,229	65,398,969	
Aviemore	31,678,265	443,669	5,490,763	37,612,697	
Manapouri	107,143,984	927,567	248,964	108,020,515	
Monowai	257,312	163,537	141,089	561,938	
	974,239,159	42,379,344	74,842,788	..	491,461,291
	347,185,357	59,379,007	84,846,931		
Thermal stations—	Fuel Handling Equipment				
Marsden	966,345	16,706,364	12,139,233	29,811,942	
Otahuhu	690,758	3,380,939	10,448,050	14,519,747	
Meremere	5,534,699	10,142,234	22,186,280	37,863,213	
Wairakei	21,373,522	9,833,934	12,185,160	43,392,616	
	28,565,324	40,063,471	56,958,723	..	125,587,518
Transmission system—					
33 kV a.c. .. .. .	..	..	..	1,030,421	
50 kV a.c. .. .. .	..	..	..	1,478,602	
66 kV a.c. .. .. .	..	..	..	6,128,290	
110 kV a.c. .. .. .	..	..	..	23,494,906	
220 kV a.c. .. .. .	..	..	..	53,944,540	
500 kV d.c. .. .. .	..	..	..	16,123,136	
				..	102,199,895
Substations—					
11 kV .. .. .	..	..	..	100,303	
33 kV .. .. .	..	..	..	1,234,183	
50 kV .. .. .	..	..	..	1,627,396	
66 kV .. .. .	..	..	..	6,022,190	
110 kV .. .. .	..	..	..	36,988,674	
220 kV and higher voltage .. .. .	..	..	..	40,425,263	
				..	86,398,009
Communications system .. .. .	..	..	..	..	3,077,129
Distribution system .. .. .	..	..	..	..	6,740,037
Offices, stores, land, and buildings .. .. .	..	..	..	..	2,931,782
Total completed works .. .. .	..	..	..	..	818,395,661
	15,497,612				
Works Under Construction					
Hydro-electric stations—					
Tongariro	101,534,052	2,315,714	1,543,093	105,392,859	
Upper Waitaki	347,112	15,150,500	..	15,497,612	
Manapouri .. .. .	..	4,704	8,359,692	8,364,396	
Other stations	41,186	58,182	313,441	412,809	
	101,922,350	17,529,100	10,216,226	..	129,667,676
	117,072,850	2,378,600			
Thermal stations—	Fuel Handling Equipment				
Otahuhu	4,554	565,905	204,064	774,523	
New Plymouth .. .. .	..	13,630,984	1,957,256	15,588,240	
	4,554	14,196,889	2,161,320	..	16,362,763
Transmission system—					
33 kV a.c. .. .. .	..	..	..	105,532	
50 kV a.c. .. .. .	..	..	..	92,738	
66 kV a.c. .. .. .	..	..	..	153,243	
110 kV a.c. .. .. .	..	..	..	1,562,992	
220 kV a.c. .. .. .	..	..	..	17,763,873	
500 kV d.c. .. .. .	..	..	..	35,254	
				..	19,713,632
Substations—					
11 kV a.c. .. .. .	..	..	..	16,760	
33 kV a.c. .. .. .	..	..	..	66,028	
50 kV a.c. .. .. .	..	..	..	68,884	
66 kV a.c. .. .. .	..	..	..	575,401	
110 kV a.c. .. .. .	..	..	..	1,607,809	
220 kV a.c. and higher voltage .. .. .	..	..	..	5,534,338	
				..	7,869,220
Communications system .. .. .	..	..	..	..	481,545
Distribution system .. .. .	..	..	..	..	333,449
Offices, stores, land, and buildings .. .. .	..	..	..	..	1,825,154
Survey and investigations of other schemes .. .. .	..	..	..	..	16,803,944
Total works under construction .. .. .	..	..	..	..	193,057,383
Plant, motor vehicles, and tools .. .. .	..	..	..	..	3,429,150
Stocks of materials .. .. .	..	..	..	..	14,131,215
Total capital outlay .. .. .	..	..	..	..	1,029,013,409

No.	Supply Authorities	Source of Supply ¹	Year When Supply Com-menced	Capacity of Generating Plant			Static Head, in Feet	Generation	Transmission	Voltage		Distribution Substations	Route-miles of Lines	
				Water	Steam	Oil/Gas				Total Capacity	Distribution ²			Number
16	Hawke's Bay	G.	1927	..	..	..	..	..	33,000; 11,000	..	2,221	148,066
17	Horowhenua	G.	1924	..	..	..	..	..	33,000; 11,000	..	879	97,613
18	Hutt Valley	G.	1924	..	..	..	..	..	33,000; 11,000	..	1,359	623,948
19	King Country	G.	1946	..	..	..	..	..	33,000; 11,000	..	1,117	373,908
20	Manawatu-Oroua	G.	1924	..	..	..	..	..	33,000; 11,000	..	1,466	97,119
21	Marlborough	G.	1927	..	..	..	..	..	33,000; 11,000	..	1,202	63,360
22	North Auckland	G.	1936	..	..	..	..	..	33,000; 11,000	..	2,958	116,127
23	North Canterbury	G.	1928	..	..	..	..	..	33,000; 11,000	..	2,164	3,579
24	Otago	G.	1926	..	..	..	..	..	33,000; 11,000	..	2,484	55,476
25	Otago Central	I. & G.	1923	7,185	..	..	6,600; 3,300; 413; 400	33,000	33,000; 11,000; 6,600	..	1,051	31,062
26	Poverty Bay	G.	1912	..	..	..	6,600	..	50,000; 11,000	..	1,932	105,810
27	South Canterbury	G.	1925	..	..	..	..	..	33,000; 11,000	..	2,030	1,490
28	Taranaki	G.	1927	..	..	..	..	..	33,000; 11,000	..	1,464	45,000
29	Taranaki	G.	1925	..	..	..	..	..	33,000; 11,000	..	955	21,746
30	Tauranga	G.	1926	..	..	..	..	..	33,000; 11,000	..	1,557	66,782
31	Te Awamutu	G.	1921	..	..	..	..	..	50,000; 33,000	..	847	34,794
32	Thames Valley	G.	1933	..	..	..	..	..	11,000	..	2,637	220,813
33	Waikato	G.	1926	..	..	..	..	..	33,000; 11,000	..	1,281	72,600
34	Waikato	G.	1923	..	..	..	..	..	33,000; 11,000	..	2,033	1,972
35	Waikato	G.	1925	..	..	..	..	..	33,000; 11,000	..	1,547	34
36	Waikato	G.	1926	..	..	..	..	..	33,000; 11,000	..	8,632	612
37	Waikato	G.	1926	..	..	..	..	..	11,000	..	515	566
38	Waikato	G.	1926	..	..	..	..	..	33,000; 11,000	..	1,375	60,944
39	Waikato	G.	1926	..	..	..	..	..	33,000; 11,000	..	4,049	350,023
40	Wairarapa	G.	1925	..	..	..	..	..	33,000; 11,000	..	1,336	41,392
41	Wairarapa	G.	1925	..	..	..	..	..	33,000; 11,000	..	2,552	1,182
42	Wairarapa	G.	1925	..	..	..	..	..	33,000; 22,000	..	133,565	2,320
43	Westland	I. & G.	1959	2,848	..	..	6,600; 3,300	..	11,000; 6,600	..	185	10,220
44	Westland	I. & G.	1959	2,848	..	..	6,600; 3,300	..	11,000; 6,600	..	63,891	4,386,929
45	Christchurch	G.	1903	..	..	..	..	..	66,000; 11,000	..	1,271	998,130
46	Dunedin	I. & G.	1907	..	..	..	..	..	33,000; 11,000	..	1,858	270,025
47	Hamilton	G.	1913	..	..	..	..	..	33,000; 11,000	..	84	44,950
48	Invercargill	B.	1913	..	..	..	..	..	33,000; 11,000	..	209	61,500
49	Napier	B.	1913	..	..	..	..	..	33,000; 11,000	..	129	38,050
50	Nelson	B.	1923	..	..	..	..	..	33,000; 11,000	..	102	29,220
51	New Plymouth	B.	1906	..	..	..	..	..	33,000; 11,000	..	894	67,348
52	Palmerston North	B.	1924	..	..	..	..	..	11,000	..	219	73,300
53	Tauranga	I. & G.	1915	..	..	..	..	..	33,000; 11,000	..	52	15,425
54	Timaru	B.	1908	..	..	..	..	..	50,000	..	103	36,500
55	Wellington	G.	1888	..	..	..	..	..	33,000; 11,000	..	460	571,150
56	Whangarei	B.	1915	..	..	..	..	..	11,000	..	134	27,905
57	Whangarei	B.	1915	..	..	..	..	..	11,000	..	5,506	1,654,311
58	Whangarei	B.	1915	..	..	..	..	..	11,000	..	63,891	4,386,929
59	Whangarei	B.	1915	..	..	..	..	..	11,000	..	1,271	998,130
60	Whangarei	B.	1915	..	..	..	..	..	11,000	..	1,858	270,025
61	Whangarei	B.	1915	..	..	..	..	..	11,000	..	84	44,950
62	Whangarei	B.	1915	..	..	..	..	..	11,000	..	209	61,500
63	Whangarei	B.	1915	..	..	..	..	..	11,000	..	129	38,050
64	Whangarei	B.	1915	..	..	..	..	..	11,000	..	102	29,220
65	Whangarei	B.	1915	..	..	..	..	..	11,000	..	894	67,348
66	Whangarei	B.	1915	..	..	..	..	..	11,000	..	219	73,300
67	Whangarei	B.	1915	..	..	..	..	..	11,000	..	52	15,425
68	Whangarei	B.	1915	..	..	..	..	..	11,000	..	103	36,500
69	Whangarei	B.	1915	..	..	..	..	..	11,000	..	460	571,150
70	Whangarei	B.	1915	..	..	..	..	..	11,000	..	134	27,905
71	Whangarei	B.	1915	..	..	..	..	..	11,000	..	5,506	1,654,311
72	Whangarei	B.	1915	..	..	..	..	..	11,000	..	63,891	4,386,929

(For notes see page 6.)

TABLE VI—STATISTICS OF GENERATING PLANTS, SYSTEM VOLTAGES, ROUTE-MILES OF LINES, DISTRIBUTION SUBSTATIONS, ETC., FOR THE YEAR ENDED 31 MARCH 1971—continued

No.	Supply Authorities	Source of Supply ¹	Year When Supply Commenced	Capacity of Generating Plant				Static Head, in Feet	Voltage			Distribution Substations		Route-miles of Lines	No.
				Water	Steam	Oil/Gas	Total Capacity		Generation	Transmission	Distribution ²	Number	kVA		
1	Bluff	B.	1903	..	..	..	..	..	..	..	..	..	..	..	..
2	Kaiaapoi..	B.	1917	..	..	..	..	..	..	..	..	..	..	..	..
3	Lytelton	C.	1917	..	..	..	..	..	..	..	..	..	..	..	..
4	Kaangaroa	B.	1919	..	..	..	..	..	..	..	..	..	..	..	..
5	Riccarton	C.	1916	..	..	..	..	..	..	..	..	..	..	..	..
6	Taihape*	B.	1913	..	..	..	..	..	..	..	..	..	..	..	..
7	Taumarunui	B. & C.	1924	..	..	..	..	..	..	..	..	..	..	..	..
8	Taupo	I. & C.	1952	..	..	..	..	..	..	..	..	..	..	..	..
9	Te Aroha	B.	1906	..	..	..	..	..	..	..	..	..	..	..	..
10	Thames..	B.	1914	..	..	..	..	..	..	..	..	..	..	..	..
11	Wairoa	B.	1913	..	..	..	..	..	..	..	..	..	..	..	..
12	Whakatane	B.	1922	..	..	..	..	..	..	..	..	..	..	..	..
		..	..	3,800	..	..	3,800	..	..	..	..	..	..	..	..
1	Feathertown	C.	1914	..	..	..	..	..	..	..	..	..	..	..	..
2	Kaikoura	B.	1922	..	..	..	..	..	..	..	..	..	..	..	..
	
1	ROTORUA ELECTRIC SUPPLY	C.	1901	6,000	..	..	6,000	154	..	..	..	..	..	..	..
2	SOUTHLAND ELECTRIC POWER SUPPLY*	C.	1925	..	..	..	..	..	..	..	..	..	..	..	..
		..	..	6,000	..	..	6,000	..	..	..	..	..	..	..	..
		..	..	3,075,232	642,620	190,710	3,908,562	..	..	..	..	..	..	..	..
	GRAND TOTALS	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Notes—¹G. = Government supply; B. = Bulk supply from another supply authority; I. & C. = Independent supply (own generating plant). ²Low tension is 400/230 volts, 50 cycle a.c. ³Includes Southland Electric Power Supply.
⁴Gas turbine plant. ⁵Includes Mackenzie County Council purchased 1 April 1970. ⁶Purchased by Wanganui-Rangitikei Electric Power Board 1 October 1970. ⁷Also included with Wanganui-Rangitikei Electric Power Board.
⁸Also included with New Zealand Electricity Department. ⁹Includes Taihape Borough Council.

TABLE VI - TENDENCY OF GENERATION, DISTRIBUTION AND CONSUMPTION FOR THE YEAR ENDED 31 MARCH 1971

No.	Supply Authorities	Maxi- mum Load kW	Annual Load Factor %	Generated			Generated and Purchased kWh	In Bulk for Retail kWh	Sold		Non- productive kWh	Percentage Non- productive	Units Sold (Average) Per Head of Population	No.
				Water kWh	Steam kWh	Oil/Gas kWh			Retail to Consumers					
									Domestic kWh	Non-domestic kWh				
1	New Zealand Electricity Department	2,748,300	55.54	10,986,566,193	2,348,660,200	74,366,050*	13,371,943,264	11,407,152,168	141,864,457	612,395,717	1,210,530,922	9.03*	1	
1	Power Boards													
1	Aotea	1,112	54.47	2,073,690			5,306,087	23,487	1,950,394	2,538,472	793,734	15.02	1	
2	Ashburton	18,265	62.97				100,774,354		72,811,716	23,401,951	4,560,687	4.53	2	
3	Auckland	462,731	51.50				2,087,601,685		948,822,776	1,046,534,533	92,244,376	4.42	3	
4	Bay of Islands	30,088	67.42				118,158,248		61,043,640	45,298,150	11,816,458	10.00	4	
5	Bay of Plenty	44,777	64.94				254,713,773	28,163,450	58,194,200	159,348,372	9,007,691	3.98	5	
6	Buller	7,487	59.99	731,123			39,344,195		9,998,685	27,445,204	1,900,306	4.83	6	
7	Cambridge	8,946	49.75				30,984,170		24,558,753	10,844,539	3,580,878	9.18	7	
8	Central Canterbury	44,730	58.12				227,750,438		96,809,293	117,675,998	13,265,157	5.82	8	
9	Central Hawke's Bay	11,942	57.14				56,767,141		11,040,984	5,687,866	5,687,866	10.02	9	
10	Central Waikato	60,847	52.42				279,404,311	59,940	157,810,986	99,368,982	22,164,403	7.93	10	
11	Dannevirke	10,607	52.93				49,182,190		33,220,644	11,476,800	4,484,746	9.12	11	
12	Egmont	23,266	56.27	1,655,906			114,784,606		62,107,069	41,172,050	11,505,477	10.02	12	
13	Franklin	26,742	57.81	921,792			135,423,236	291,900	73,196,006	49,103,794	12,831,536	9.50	13	
14	Golden Bay	7,934	72.58				50,447,040		33,953,360	21,088,216	1,784,916	3.54	14	
15	Grey	11,027	53.44				51,623,927		26,154,457	21,942,724	3,526,746	6.83	15	
16	Hawke's Bay	82,678	54.56				395,171,788	54,046,525	196,203,857	119,540,137	25,381,269	7.44	16	
17	Horowhenua	38,443	53.09				178,789,488		113,488,152	51,174,886	14,126,450	7.90	17	
18	Hutt Valley	186,251	46.07				751,685,177		449,532,160	267,081,967	35,071,101	4.67	18	
19	King Country	22,396	53.59	27,391,800			105,131,914	12,062,908	52,350,431	6,765,215	1,893,348	7.27	19	
20	Manawatu-Oroua	70,114	52.42				321,947,557	148,030,350	85,038,381	76,450,445	12,420,361	7.14	20	
21	Marlborough	20,576	58.14	6,165,106		1,575	98,630,515		63,238,614	31,592,932	9,965,650	9.51	21	
22	North Auckland	46,457	71.46				280,836,111	59,332,063	88,760,080	129,041,503	13,162,455	5.70	22	
23	North Canterbury	22,668	60.88				120,891,186	38,631,100	50,484,877	24,891,728	6,883,481	8.37	23	
24	Otago	22,925	57.90				116,271,519		63,990,136	39,088,035	13,193,348	11.35	24	
25	Otago Central	17,704	54.22	46,170,859			84,093,995	243,760	47,188,415	23,248,910	13,412,910	16.00	25	
26	Poverty Bay	35,211	48.10			5,070	148,343,766		95,047,072	40,702,288	12,600,276	8.49	26	
27	South Canterbury	40,639	60.26				214,533,742	82,512,160	84,019,240	38,674,121	9,028,221	6.84	27	
28	Taranaki	23,036	64.55	18,606,384			111,655,251		65,856,117	51,349,830	13,055,688	10.02	28	
29	Taranaki	6,429	58.27				32,816,397		21,040,080	8,215,515	3,560,792	10.85	29	
30	Tauranga	34,928	57.07				174,624,346		110,125,780	51,238,143	13,260,423	7.59	30	
31	Te Awamutu	14,119	57.89				71,602,315	19,810	43,503,511	23,883,367	4,195,627	5.86	31	
32	Thames Valley	102,845	65.25				587,881,885	32,958,374	152,916,761	378,927,308	23,079,442	4.16	32	
33	Waimea	41,482	56.12				203,943,205	66,541,880	89,137,288	97,878,073	10,385,964	7.56	33	
34	Waikato	31,119	53.94				144,451,767		91,865,650	44,143,977	11,046,000	7.51	34	
35	Waikato	4,074	50.15				3,945,150	3,510,900	9,291,138	2,198,965	2,897,458	20.14	35	
36	Waikato	8,214	53.18				38,266,299	17,974,290	11,501,400	7,306,960	2,083,649	9.97	36	
37	Waikato	21,590	54.08				104,180,503	5,895,146	59,574,868	31,562,679	7,147,810	7.27	37	
38	Waitemata	168,478	43.29		124,160*		638,820,259		428,685,953	158,906,593	51,951,663	8.04	38	
39	Waitemata	18,905	55.44				73,844,538		24,935,340	8,314,748	11,266	11.26	39	
40	Wanganui-Rangitikei	55,941	50.83	1,826,400			249,105,348	5,698,832	151,718,081	74,059,233	17,629,202	7.24	40	
41	Westland	4,807	56.46	14,646,020			20,211,990	1,318,600	8,158,241	8,643,619	2,091,530	11.07	41	
				138,049,222		131,605	8,933,401,678	557,415,455	4,329,144,419	3,305,575,874	541,265,930	6.06*		

(For notes see page B.)

TABLE VII—RESULTS OF GENERATION, DISTRIBUTION, AND CONSUMPTION FOR THE YEAR ENDED 31 MARCH 1971—continued

No.	Supply Authorities	Maximum Load	Annual Load Factor	Units										Units Sold (Average) Per Head of Population	No.	
				Generated			Oil/Gas	Purchased	Generated and Purchased	In Bulk for Retail	Sold		Non-productive			Percentage Non-Productive
				Water	Steam	kWh					Retail to Consumers					
											Domestic	Non-domestic				
1	City Councils	kW	%	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	%	1
2	Christchurch	246,319	43.36	129,849,900	948,556,988	948,556,988	612,764,708	290,145,472	45,646,808	4.81	1					
3	Dunedin	126,100	48.81	..	409,332,956	539,182,856	186,248,988	186,248,988	35,871,037	6.65	2					
4	Hamilton	22,974	48.61	..	95,269,560	95,269,560	43,515,030	46,700,350	4,974,200	5.22	3					
5	Invercargill	30,032	48.72	..	128,171,256	128,171,256	76,089,365	45,088,749	7,033,142	5.49	4					
6	Napier	11,857	52.03	..	54,046,525	54,046,525	26,320,340	24,592,080	3,134,685	5.80	5					
7	Nelson	13,824	54.95	..	66,541,800	66,541,800	37,641,480	22,869,955	6,630,445	9.06	6					
8	New Plymouth	37,761	55.43	..	165,314,586	183,358,106	99,738,386	64,574,093	19,045,627	10.39	7					
9	Palmerston North	36,256	46.61	..	148,030,350	148,030,350	77,882,301	41,949,128	8,311,748	5.61	8					
10	Tauranga	8,520	47.38	..	12,117,100	35,364,725	15,323,700	15,742,677	3,577,648	10.33	9					
11	Timaru	16,800	56.13	..	82,612,160	82,612,160	53,137,439	25,672,250	3,802,491	4.60	10					
12	Wellington	151,547	44.16	..	586,221,032	586,221,032	316,559,640	235,393,520	34,267,872	5.05	11					
13	Whangarei	13,674	49.89	..	59,878,913	59,878,913	33,348,382	21,742,481	4,788,050	8.00	12					
		..	..	171,141,045	2,756,093,306	2,927,247,758	1,729,233,759	1,020,209,546	177,083,753	6.05*				
1	Borough Councils	kW	%	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	%	1	
2	Bluff	2,360	43.47	..	9,017,644	9,017,644	3,889,100	4,202,741	851,803	9.45	1					
3	Kaipoi	2,542	54.05	..	12,036,200	12,036,200	8,671,780	2,824,460	539,960	4.49	2					
4	Lyttelton	2,768	51.35	..	12,450,580	12,450,580	6,904,507	4,203,863	1,342,210	10.78	3					
5	Rangiora	3,843	50.25	..	16,915,000	16,915,000	12,493,976	3,494,718	926,306	5.48	4					
6	Riccarton	9,424	48.64	..	40,153,120	40,153,120	21,593,950	16,915,587	1,643,583	4.09	5					
7	Taihape	2,296	56.76	..	5,698,832	5,698,832	3,696,301	1,694,831	307,700	5.40	6					
8	Taurarunui	4,145	42.21	..	12,061,890	12,061,890	8,030,519	1,074,217	1,074,217	7.01	7					
9	Taupo	10,758	56.05	..	36,166,400	52,825,830	28,905,245	21,887,824	2,052,761	3.85	8					
10	Te Aroha	2,628	49.21	..	11,328,364	11,328,364	6,748,421	3,874,569	705,383	6.23	9					
11	Thames	4,945	49.77	..	21,560,400	21,560,400	12,072,865	8,141,659	1,345,876	6.24	10					
12	Wairoa	3,972	49.93	..	17,374,280	17,374,280	11,056,130	4,841,300	1,476,860	9.50	11					
13	Whakatane	6,228	51.62	..	28,163,430	28,163,430	18,046,441	7,876,252	2,240,737	7.96	12					
		..	..	19,918,090	222,926,150	242,844,240	142,103,235	86,250,899	14,487,396	5.97*				
1	County Councils	kW	%	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	%	1	
2	Heathcote	6,777	49.84	..	29,588,070	29,588,070	16,132,360	12,306,448	1,149,262	3.80	1					
3	Kaikoura	1,710	64.62	..	9,679,900	9,679,900	5,517,125	3,067,280	1,085,495	11.32	2					
		..	..	..	39,267,970	39,267,970	21,649,485	15,373,728	2,244,757	5.72*			
	Sundry Private Plants	16,860,076	16,860,076	
	Government Departments	
1	Rotorua Electric Supply	36,671	48.69	..	156,412,853	156,412,853	89,811,090	51,715,270	14,785,651	9.46	1					
2	Southland Electric Power Supply	88,814	50.04	..	361,640,214	389,344,814	123,986,477	100,771,905	27,357,532	10.86	2					
		..	..	..	518,053,067	545,757,667	213,797,567	152,487,175	42,183,183	7.73*			
		..	..	11,265,694,550	2,365,520,276	74,511,062	6,453,806,445	5,291,521,034	1,960,390,409	14.30*				
	GRAND TOTALS	19,705,725,888	19,705,725,888	

Supplementary returns will be published when population in each area of supply figures become available.

Units generated per head of total population, ———. Units sold retail per head of total population, ———. Units generated per head of mean population, ———. Units sold retail per head of mean population, ———. Units generated per head of public supply: New Zealand, 2,854,700 kW. Maximum load for public supply: New Zealand, 2,854,700 kW. Annual load factor: New Zealand 54.81 percent.

*Percentage of units.

generated and purchased. Also included with New Zealand Electricity Board October 1976.

TABLE VIII (PART I)—FINANCIAL RESULTS OF GENERATION, DISTRIBUTION, AND OPERATION FOR THE YEAR ENDED 31 MARCH 1971

No.	Supply Authorities	Revenue				Total	Generation				Total	No.		
		Sales of Energy		Trading Account Profit	Other Sources		Operating Costs ¹	Management and General	Capital Charges ²	Total			Purchased ³	Total
		Retail	Bulk for Resale ⁴											
1	NEW ZEALAND ELECTRICITY DEPARTMENT ⁵	\$ 6,477,027	\$ 86,984,629	\$..	\$ 505,951	\$ 93,967,607	\$ 12,414,339	\$ 4,156,838	\$ 45,535,343	\$ 62,106,520	\$ 87,597	\$ 62,194,117	1	
1	Amethyst ..	89,104	99	1,266	3,334	93,803	7,637	6,600	9,650	23,887	27,152	51,039	2	
2	Ashburton ..	1,177,977	..	15,867	45,667	1,239,511	..	..	..	..	696,519	696,519	3
3	Auckland ..	24,322,570	..	14,955	263,733	24,601,438	..	..	..	..	16,182,407	16,182,407	4
4	Bay of Islands ..	1,542,800	..	91	31,351	1,574,242	..	..	..	..	781,409	781,409	5
5	Bay of Plenty ..	2,189,608	226,110	17,493	18,285	2,451,496	..	..	..	..	1,685,046	1,685,046	6
6	Buller ..	472,829	..	215	6,382	479,426	3,408	108	..	3,516	270,761	274,277	7	
7	Cambridge ..	458,937	..	4,636	4,636	463,573	..	..	..	..	308,241	308,241	8
8	Central Canterbury ..	2,808,103	..	4,976	14,339	2,827,418	..	..	..	..	1,648,920	1,648,920	9
9	Central Hawke's Bay ..	651,816	..	10,187	10,187	662,003	..	..	..	..	411,699	411,699	10
10	Central Waikato ..	3,589,116	719	12,813	18,908	3,621,556	..	..	..	..	2,165,829	2,165,829	11
11	Dannevirke ..	620,843	..	8,425	6,323	635,591	..	..	..	..	378,521	378,521	12
12	Egmont ..	1,365,621	..	1,755	39,608	1,406,984	2,382	..	..	2,382	822,457	824,839	13
13	Franklin ..	1,634,345	3,592	3,265	7,704	1,645,641	1,724	..	400	2,124	978,053	978,053	14	
14	Golden Bay ..	414,256	..	6,381	10,278	424,634	..	..	..	..	313,452	313,452	15
15	Grey ..	687,686	..	6,381	10,278	704,345	..	..	..	..	395,578	395,578	16
16	Hawke's Bay ..	4,115,743	429,134	10,525	35,907	4,591,309	..	..	..	..	2,982,105	2,982,105	17
17	Horowhenua ..	2,327,035	..	13,628	29,601	2,370,264	..	..	..	..	1,358,054	1,358,054	18
18	Hutt Valley ..	9,868,702	..	24,020	104,924	9,997,646	19,475	400	59,543	79,418	6,279,431	6,279,431	19	
19	King Country ..	1,103,967	131,710	6,848	77,434	1,319,959	..	..	..	..	2,489,124	2,489,124	20
20	Manawatu-Oroua ..	2,280,728	1,217,375	11,762	15,419	3,525,284	..	..	..	..	702,186	721,391	21
21	Marlborough ..	1,323,092	..	22,383	62,631	1,385,723	19,205	..	..	19,205	1,847,960	1,847,960	22
22	North Auckland ..	2,526,695	549,035	11,906	44,603	3,142,716	..	..	..	..	854,069	854,069	23
23	North Canterbury ..	1,027,037	305,307	16,538	26,633	1,370,883	..	..	..	..	847,589	847,589	24
24	Otago ..	1,393,814	..	19,685	31,265	1,441,617	27,221	11,712	32,437	71,370	319,806	391,176	25	
25	Otago Central ..	856,323	1,024	19,685	59,285	936,317	..	..	..	..	..	..	26
26	Poverty Bay ..	2,010,514	..	7,847	117,283	2,135,644	24,101	7,298	..	31,399	1,184,848	1,216,247	27	
27	South Canterbury ..	1,768,025	629,093	1,206	4,239	2,402,563	34,838	1,510	2,434	38,782	1,518,274	1,518,274	28	
28	Taranaki ..	1,410,091	..	21,550	73,663	1,482,041	..	..	..	..	717,504	756,286	29
29	Taranaki ..	488,600	..	1,325	4,980	494,905	..	..	..	..	236,858	236,858	30
30	Tauranga ..	2,342,787	..	..	25,096	2,367,883	..	..	..	..	1,255,636	1,255,636	31
31	Te Awamutu ..	808,131	238	323	11,130	819,822	..	..	..	..	509,536	509,536	32
32	Thames Valley ..	5,519,508	274,347	12,694	98,067	5,904,616	..	..	..	..	3,937,849	3,937,849	33
33	Waimea ..	1,660,126	517,441	7,052	73,663	2,258,282	3,431	1,000	..	4,431	1,485,367	1,489,798	34	
34	Wairarapa ..	2,065,388	..	31,084	32,845	2,129,317	6,900	1,704	29,463	8,604	1,096,305	1,104,909	35	
35	Wairere ..	196,766	14,250	..	11,325	222,341	11,756	12,470	..	53,689	33,139	86,828	35	

(For notes see page 14.)

TABLE VIII (PART I)—FINANCIAL RESULTS OF GENERATION, DISTRIBUTION, AND OPERATION FOR THE YEAR ENDED 31 MARCH 1971—continued

No.	Supply Authorities	Revenue										Cost of Energy					No.
		Sales of Energy		Trading Account Profit	Other Sources	Total	Operating Costs ³	Generation		Capital Charges ⁴	Total	Purchased ¹	Total				
		Retail	Bulk for Resale ²					Management and General	Management and General								
11	Borough Councils—continued																
12	Wairoa	\$ 217,694	\$..	\$..	\$ 192	\$ 217,886	\$..	\$..	\$..	\$..	\$..	\$..	\$..	\$ 150,149	\$ 150,149	11	
	Whakatane	392,203	..	..	1,781	393,984	..	..	..	..	..	..	..	226,110	226,110	12
		3,211,457	33	12,960	39,251	3,263,701	768	50,841	73,858	1,851,499	1,925,357						
1	County Councils																
2	Heathcote	318,393	..	160	14,360	332,913	..	..	..	..	..	..	..	234,063	234,063	1
	Kaitioura	132,753	..	..	1,501	134,254	..	..	..	..	..	..	..	75,427	75,427	2
		451,146	..	160	15,861	467,167	..	..	..	..	..	..	..	309,490	309,490	
1	Government Departments																
2	Rotorua Electric Supply	2,023,393	1,210	..	58,461	2,083,064	..	..	..	..	..	..	..	1,260,121	1,260,121	1
	Southland Electric Power Supply ⁷ .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
		2,023,393	1,210	..	58,461	2,083,064	..	..	..	..	..	..	..	1,260,121	1,260,121	
	Totals	151,189,838	91,551,124	531,956	2,726,669	245,999,587	13,146,155	46,154,130	63,653,160	91,706,375	155,359,535			91,551,124	91,551,124		
	Less bulk for resale .. .. .	..	91,551,124	..	..	91,551,124	..	..	..	..	..			..	..
	Net revenue and cost	151,189,838	..	531,956	2,726,669	154,448,463	13,146,155	46,154,130	63,653,160	155,251 ⁶	63,808,411			..	63,808,411		

(For notes see page 14.)

TABLE VIII (PART II)—FINANCIAL RESULTS OF GENERATION, DISTRIBUTION, AND OPERATION FOR THE YEAR ENDED 31 MARCH 1971

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
1	NEW ZEALAND ELECTRICITY DEPARTMENT ⁴	\$ 62,194,117	\$ 5,396,186	\$ 3,594,656	\$ 13,677,717	\$ 22,668,559	\$ 84,862,676	\$ 9,104,931	1	
	POWER BOARDS									
1	Amethyst ..	51,039	16,882	14,520	21,353	52,755	103,794	21,371	1	
2	Ashburton ..	696,519	103,661	92,311	208,489	404,461	1,100,980	150,992	2	
3	Auckland ..	16,182,407	2,328,892	1,461,677	4,147,381	7,937,950	24,120,357	481,081	3	
4	Bay of Islands ..	781,409	299,755	106,696	359,553	766,004	1,547,413	137,854	4	
5	Bay of Plenty ..	1,685,046	247,294	220,622	294,015	761,931	2,446,977	64,461	5	
6	Buller ..	274,277	59,887	41,825	67,380	169,092	443,369	30,791	6	
7	Cambridge ..	308,241	46,882	34,023	34,023	131,070	439,311	70,851	7	
8	Central Canterbury ..	1,648,920	143,898	354,269	369,349	867,516	2,516,436	490,523	8	
9	Central Hawke's Bay ..	411,689	59,520	61,568	78,015	199,103	610,802	51,201	9	
10	Central Waikato ..	2,165,829	292,436	332,132	520,940	1,145,508	3,311,337	296,403	10	
11	Dannevirke ..	378,521	69,269	77,820	82,756	229,845	608,366	27,225	11	
12	Egmont ..	824,839	248,733	180,343	26,913	455,989	1,280,828	126,156	12	
13	Franklin ..	978,053	123,930	153,922	286,521	564,373	1,542,426	103,215	13	
14	Golden Bay ..	315,576	38,471	31,600	38,162	108,233	423,809	21,051	14	
15	Grey ..	395,578	93,137	116,099	78,922	288,158	683,736	20,609	15	
16	Hawke's Bay ..	2,982,105	398,868	394,004	486,230	1,279,102	4,261,207	330,102	16	
17	Horowhenua ..	1,358,054	286,576	218,106	452,665	957,347	2,315,401	54,863	17	
18	Hutt Valley ..	6,279,431	1,080,373	884,356	1,129,671	3,094,400	9,373,831	623,815	18	
19	King Country ..	674,420	87,818	71,784	238,307	397,909	1,072,329	70,844	19	
20	Manawatu-Oroua ..	2,489,124	349,073	231,651	314,477	895,201	3,384,325	140,959	20	
21	Marlborough ..	721,391	193,225	151,116	266,482	610,823	1,332,214	53,509	21	
22	North Auckland ..	1,847,960	317,399	334,670	602,948	1,255,017	3,102,977	39,739	22	
23	North Canterbury ..	854,069	166,641	108,544	127,639	402,824	1,256,893	113,990	23	
24	Otago ..	847,589	145,507	101,454	216,329	463,290	1,310,879	130,738	24	
25	Otago Central ..	391,176	129,445	109,893	156,662	396,000	787,176	149,141	25	
26	Poverty Bay ..	1,216,247	288,860	192,952	389,496	871,308	2,087,555	33,834	26	
27	South Canterbury ⁵ ..	1,518,274	197,754	141,042	254,853	593,649	2,111,923	290,640	27	
28	Taranaki ..	756,286	146,723	153,465	200,920	501,108	1,257,394	174,647	28	
29	Taranua ..	236,858	51,234	54,752	82,687	188,673	425,531	69,085	29	
30	Tauranga ..	1,255,636	401,654	180,792	480,353	1,062,799	2,318,435	49,448	30	
31	Te Awamutu ..	509,536	97,278	71,504	140,635	309,417	818,953	64,679	31	
32	Thames Valley ..	3,937,849	634,278	377,285	780,751	1,792,314	5,730,163	174,453	32	
33	Waikanae ..	1,489,798	223,790	152,588	202,114	578,492	2,068,290	189,992	33	
34	Wairarapa ..	1,104,909	224,238	329,869	306,226	860,333	1,965,242	164,075	34	
35	Wairere ..	86,828	52,873	26,041	54,526	133,497	220,325	2,016	35	

(For notes see page 14.)

TABLE VIII (PART II)—FINANCIAL RESULTS OF GENERATION, DISTRIBUTION, AND OPERATION FOR THE YEAR ENDED 31 MARCH 1971—continued

No.	Supply Authorities	Cost of Energy Total	Cost of Transmission and Distribution				Total Annual Costs	Net Result—Surplus	Appropriation of Surplus for Capital Works	No.
			Operation and Maintenance*	Management and General	Capital Charges†	Total				
	POWER BOARDS—continued									
36	Wairoa	293,711	38,136	39,779	54,261	132,176	\$ 425,887	\$ 53,144	36	
37	Waitaki	791,801	164,555	84,878	251,979	501,412	1,293,213	98,928	37	
38	Waitemata	5,353,557	1,146,512	575,179	1,251,076	2,972,767	8,326,924	250,000	38	
39	Waitemoa	111,280	111,280	82,694	188,922	382,896	931,447	56,819	39	
40	Wanganui-Rangitikei	1,947,874	335,566	276,782	485,193	1,097,541	3,045,415	115,554	40	
41	Westland	112,645	61,533	62,649	36,445	160,627	273,272	32,531	41	
		66,703,632	11,503,836	8,703,398	15,765,676	35,972,910	102,676,542	4,605,278		
	CITY COUNCILS									
1	Christchurch	8,146,337	941,564	848,656	2,083,841	3,874,061	12,020,998	239,765	1	
2	Dunedin	3,244,026	891,507	645,207	1,252,505	2,789,219	6,033,245	654,630	2	
3	Hamilton	775,568	42,637	105,367	57,359	205,363	980,931	559,260	3	
4	Invercargill	1,057,204	201,108	83,052	105,825	389,985	1,447,189	251,110	4	
5	Napier	429,966	80,448	101,944	90,415	272,807	702,773	115,665	5	
6	Nelson	517,441	128,862	61,482	48,700	239,044	756,485	121,344	6	
7	New Plymouth	1,223,327	318,327	118,238	125,622	562,207	1,785,334	244,937	7	
8	Palmerston North	1,217,502	81,883	154,324	66,450	302,657	1,520,159	292,788	8	
9	Tauranga	174,928	24,930	20,415	39,966	85,311	260,239	122,271	9	
10	Timaru	629,093	104,914	68,202	86,916	260,032	889,125	190,452	10	
11	Wellington	5,002,816	1,020,724	506,326	878,858	2,405,908	7,408,724	586,049	11	
12	Whangarei	548,610	68,531	53,602	73,495	195,628	744,238	24,937	12	
		22,966,818	3,905,435	2,766,835	4,909,952	11,582,222	34,549,040	2,050,709		
	BOROUGH COUNCILS									
1	Bluff	82,622	19,223	22,008	3,771	45,002	127,624	5,280	1	
2	Kaipoi	94,758	4,490	20,286	21,470	46,246	141,004	14,508	2	
3	Lytelton	97,610	31,144	19,899	11,302	56,345	154,155	6,463	3	
4	Rangiora	135,122	31,254	19,777	18,316	65,347	200,469	31,791	4	
5	Riccarton	325,428	50,205	59,978	23,233	133,416	458,844	8,995	5	
6	Teihape ^a	45,143	3,523	13,023	2,107	18,653	63,796	862	6	
7	Taumarunui	163,623	17,037	23,088	11,738	51,863	215,486	7,318	7	
8	Taupo	330,941	20,575	136,963	114,294	271,832	602,773	123,481	8	
9	Te Aroha	99,027	9,042	17,461	5,766	32,269	131,296	6,641	9	
10	Thames	174,624	16,485	18,823	12,795	48,103	222,727	10,932	10	

(For notes see page 14.)

TABLE VIII (PART II)—FINANCIAL RESULTS OF GENERATION, DISTRIBUTION, AND OPERATION FOR THE YEAR ENDED 31 MARCH 1971—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 ^a	Management and General	Capital Charges ^b					Total
11	BOROUGH COUNCILS—continued								
	Waioira	\$ 150,149	\$ 13,365	\$ 17,476	\$ 10,762	\$ 325,790	\$ 36,134	\$ 42,838	11
12	Whakatane	226,110	22,544	47,897	29,239	99,680	68,194	27,763	12
		1,925,357	238,887	406,679	264,793	2,835,716	427,985	290,523	
1	COUNTY COUNCILS								
	Heathcote	234,063	9,889	39,664	36,030	319,646	13,267	18,145	1
2	Kaikoura	75,427	23,941	12,188	19,566	131,122	3,132	7,638	2
		309,490	33,830	51,852	55,596	450,768	16,399	25,783	
1	GOVERNMENT DEPARTMENTS								
	Rotorua Electric Supply	1,260,121	346,659	104,865	277,565	1,989,210	93,854	93,854	1
2	Southland Electric Power Supply ^c .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	2
		1,260,121	346,659	104,865	277,565	1,989,210	93,854	93,854	
	Totals	155,359,535	21,424,833	15,628,285	34,951,299	227,363,952	18,635,635	16,171,078	
	Less bulk for resale	91,551,124	.. .. .	.. .. .	.. .. .	91,551,124	.. .. .	.. .. .
	Net revenue and cost	63,808,411	21,424,833	15,628,285	34,951,299	135,812,828	18,635,635	.. .. .

Notes.—^aTransactions between supply authorities adjusted to lower figures where rebate is known.
^bActual running costs including fuel, wages, stores, repairs, and maintenance.
^cSouthland Electric Power Supply.
^dIncludes Mackenzie.
^ePurchased by Waikato-Rangitikei Electric Power Board 1 October 1970.
^fPurchases from sources other than New Zealand Electricity Department or supply authorities.
^gFor detailed analysis see table IX.
^hIncluded with New Zealand Electricity Department.

TABLE IX—ANALYSIS OF CAPITAL CHARGES FOR THE YEAR ENDED 31 MARCH 1971

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	NEW ZEALAND ELECTRICITY DEPARTMENT	\$ 27,924,508	\$ 8,387,970	\$ 5,669,829	\$ 1,702,485	\$ 11,941,006	\$ 3,587,262	\$..	\$..	\$ 45,535,343	\$ 13,677,717	\$ 59,213,060	1
1	Amethyst	4,775	10,383	4,875	10,603	..	..	..	367	9,650	21,353	31,003	2
2	Ashburton	..	33,476	..	100,500	..	..	..	74,513	..	208,489	208,489	3
3	Auckland	..	596,911	..	3,127,303 ⁶	..	423,167	..	..	..	4,147,381	4,147,381	4
4	Bay of Islands	..	123,379	..	200,148	..	..	..	36,026	..	359,553	359,553	5
5	Bay of Plenty	..	78,037	..	131,945 ⁸	..	..	..	84,033	..	294,015	294,015	6
6	Buller	..	23,453	..	30,015	..	664	..	13,912	..	67,380	67,380	7
7	Cambridge	..	145,056	..	166,826	..	..	..	33,359	..	34,023	34,023	8
8	Central Canterbury	..	18,394	..	30,401	..	..	..	57,467	..	369,349	369,349	9
9	Central Hawke's Bay	..	106,945	..	192,908	..	..	..	29,220	..	78,015	78,015	10
10	Central Waikato	..	..	..	..	..	..	..	221,087	..	520,940	520,940	11
11	Dannevirke	..	11	..	1,007	..	..	..	81,738	..	82,756	82,756	12
12	Egmont	..	9,322	..	17,591	..	..	..	117,349	..	26,913	26,913	13
13	Franklin	..	51,372	..	117,800	..	..	..	2,757	400	286,521	286,521	14
14	Golden Bay	..	9,386	..	26,029	..	..	..	76,077 ¹⁰	..	38,562	38,562	15
15	Grey	..	574	..	2,271	..	..	..	..	..	78,922	78,922	16
16	Hawke's Bay	..	128,522	..	312,332	..	..	..	45,376	..	486,230	486,230	17
17	Horowhenua	..	88,021	..	256,285	..	..	..	109,359	..	452,665	452,665	18
18	Hutt Valley	..	294,188	..	692,093	..	..	..	143,390	..	1,129,671	1,129,671	19
19	King Country	..	48,450	14,600	103,084	..	..	..	81,773	59,543	297,850	297,850	20
20	Manawatu-Oroua	..	73,252	..	117,034	..	50,005	..	74,186	..	314,477	314,477	21
21	Marlborough	..	73,929	..	120,343	..	72,210	..	93,630	..	266,482	266,482	22
22	North Auckland	..	194,902	..	314,416	..	..	..	37,269	..	602,948	602,948	23
23	North Canterbury	..	38,803	..	46,567	..	5,000	..	30,442	..	127,639	127,639	24
24	Otago	..	48,875	21,307	129,012	..	..	1,241	64,871	32,437	216,329	216,329	25
25	Poverty Bay	..	42,293	..	49,498	..	..	..	..	..	156,662	156,662	26
26	South Canterbury ²	..	157,615	..	193,091	..	..	..	38,790 ⁰	..	389,496	389,496	27
27	Taranaki	..	82,178	..	142,645	..	..	..	30,090	..	254,853	254,853	28
28	Tairāroa	..	38,534	..	53,006	..	..	2,434	109,380	2,434	203,334	203,334	29
29	Tairāroa	..	16,422	..	27,139	..	1,000	..	38,126	..	82,687	82,687	30
30	Tairāroa	..	107,217	..	232,996	..	127,086	..	13,054	..	480,353	480,353	31
31	Te Awamutu	..	13,058	..	58,313	..	..	..	69,264	..	140,635	140,635	32
32	Thames Valley	..	184,725	..	291,324	..	..	..	304,702	..	780,751	780,751	33
33	Waimea	..	56,975	..	79,204	..	16,283	..	49,652	..	202,114	202,114	34
34	Wairarapa	..	115,188	..	100,521	..	..	..	90,517	..	306,226	306,226	35
35	Wairarapa	..	11,766	19,197	32,015	..	..	..	10,802	29,463	54,583	84,046	35

(For notes see page 17.)

TABLE IX—ANALYSIS OF CAPITAL CHARGES FOR THE YEAR ENDED 31 MARCH 1971—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	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	36
37	Wairoa ..	..	9,959	..	15,630	..	..	..	28,672	..	54,261	54,261	37
38	Waikato ..	..	60,329	..	116,561	..	..	..	75,089	..	251,979	251,979	38
39	Waitemata ..	..	374,702	..	633,244	..	..	..	243,130	..	1,251,076	1,251,076	39
40	Waitomo ..	..	59,146	..	94,470	..	..	..	35,306	..	188,992	188,992	40
41	Wanganui-Rangitikei ..	..	138,320	..	222,036	..	36,585	..	88,252	..	485,193	485,193	41
	Westland ..	9,280	15,654	7,195	20,391	..	400	..	..	16,475	36,445	52,920	
		85,553	3,679,722	61,174	8,613,597	..	732,400	3,675	2,739,957	150,402	15,765,676	15,916,078	
1	CITY COUNCILS	..	..	..	..	..	..	..	..	..	..	..	1
2	Christchurch ..	60,643	276,847	79,095	586,624	262,550	1,220,370	..	..	402,288	2,083,841	2,083,841	2
3	Dunedin ..	..	145,197	..	197,858	..	909,450	..	49,303	..	1,252,505	1,654,793	3
4	Hamilton ..	..	874	..	7,182	..	16,359	..	28,158	..	57,359	105,825	4
5	Invercargill ..	..	27,828	..	33,480	..	..	..	51,461	..	105,825	90,415	5
6	Napier ..	..	25,802	..	13,152	..	..	..	..	..	90,415	90,415	6
7	Nelson ..	..	10,481	..	12,720	..	48,700	4,000	102,421	..	48,700	48,700	7
8	New Plymouth ..	..	..	..	..	..	..	..	66,450	..	125,622	129,622	8
9	Palmerston North ..	4,308	..	4,513	..	..	..	2,435	39,243	11,256	66,450	66,450	9
10	Tauranga ..	..	8,270	..	12,849	..	65,797	..	..	..	39,966	51,222	10
11	Timaru ..	..	304,159	..	266,498	..	308,201	..	48,344	..	878,858	878,858	11
12	Wellington ..	..	509	..	6,600	..	18,042	..	..	..	73,495	73,495	12
	Whangarei ..	64,951	800,270	83,608	1,137,383	262,550	2,586,919	6,435	385,380	417,544	4,909,952	5,327,496	
1	BOROUGH COUNCILS	..	..	..	..	..	..	..	..	..	..	..	1
2	Bluff ..	..	179	..	699	..	..	..	2,893	..	3,771	3,771	2
3	Kaipoi ..	..	327	..	876	..	400	..	19,867	..	21,470	21,470	3
4	Lytelton ..	..	..	..	..	..	..	..	2,163	..	11,302	11,302	4
5	Rangora ..	..	5,159	..	9,994	..	1,000	..	6,343	..	18,316	18,316	5
6	Riccarton ..	..	6,555	..	10,335	..	..	..	..	..	23,233	23,233	6
7	Taihape ^a ..	..	..	7,674	..	..	10,263	..	2,107	22,688	2,107	2,107	7
8	Taumarunui ..	15,014	..	14,083	39,853	..	18,068	..	12,471	28,153	114,294	142,447	8
9	Taupo ..	14,070	43,902	..	300 ⁷	..	937 ^a	..	4,529	..	5,766	5,766	9
10	Te Aroha ..	..	..	..	1,020	..	..	..	11,478	..	12,795	12,795	10
	Thames ..	..	297	..	..	..	..	..	..	..	..	..

(For notes see page 17.)

TABLE IX—ANALYSIS OF CAPITAL CHARGES FOR THE YEAR ENDED 31 MARCH 1971—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		
11	Borough Councils—continued	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
12	Wairoa .. .. .	..	7,114	..	10,164	..	2,000	..	10,762	..	10,762	10,762	11
	Whakatane .. .. .	..	..	..	..	..	..	..	9,961	..	9,961	29,239	12
		29,084	63,533	21,757	79,241	..	32,668	..	95,351	50,841	264,793	315,634	
1	County Councils	..	..	..	..	..	..	..	..	..	..	..	1
2	Heathcote .. .. .	..	2,598	..	3,271	..	..	..	30,231	..	36,030	36,030	1
	Kaikoura .. .. .	..	4,259	..	9,245	..	..	..	6,062	..	19,566	19,566	2
		..	6,787	..	12,516	..	..	..	36,293	..	55,596	55,596	
1	Government Departments	..	..	..	..	..	..	..	..	..	..	..	1
2	Rotorua Electric Supply .. .. .	..	108,129	..	..	..	165,112	..	4,324	..	277,565	277,565	1
	Southland Electric Power Supply ⁴ .. .. .	..	..	..	..	..	..	..	..	..	..	..	2
		..	108,129	..	..	..	165,112	..	4,324	..	277,565	277,565	
	GRAND TOTALS	28,104,096	13,046,411	5,836,368	11,539,222	12,203,556	7,104,361	10,110	3,261,305	46,154,130	34,951,299	81,105,429	

Notes—¹Includes Southland Electric Power Supply.
²Electricity Department.
³Includes provision for future capital expenditure.
⁴Includes loss on sale of assets.
⁵Includes Mackenzie County Council purchased 1 April 1970.
⁶Includes repayment reserve instalments.
⁷Purchased by Wangmuri-Kangitikei Electric Power Board 1 October 1970.
⁸Includes provision for bad debts.
⁹Stock written-off.
¹⁰Included with New Zealand Electricity Department.
¹¹Includes obsolete stocks written-off.

TABLE X (PART I)—ANALYSIS OF LIABILITIES AND RESERVES FOR THE YEAR ENDED 31 MARCH 1971

No.	Supply Authorities	Liabilities						Reserves						Net Appropriation Account Surplus*	Total	No.
		Public Debt			Sundry Creditors	Loans Repaid Reserve	Capital Expenditure from Revenue	Sinking Fund Reserve for Future Loan Repayment	Depreciation Reserve	Renewal Fund Reserve	General and Other Reserves*	\$				
		Loans Raised During Year	Loans Repaid During Year										Gross Loan Liability as at 31 March 1971			
			From Renewal Loans	From Revenue and Sinking Fund												
1	NEW ZEALAND ELECTRICITY DEPARTMENT*	49,109,757	7,372,314	751,469,023	4,804,943	142,787,657	150,015,393	1,049,156,956	1							
1	Amethyst	52,350	9,377	323,116	64,947	39,460	1,058	38,840	2							
2	Ashburton	100,500	100,500	555,000	238,049	..	92,873	463,006	3							
3	Auckland	1,676,550	1,727,303	10,865,270	3,340,558	..	182,850	1,433,308	4							
4	Bay of Islands	210,200	105,721	2,305,652	205,398	46,627	..	88,113	5							
5	Bay of Plenty	138,000	126,955	1,481,332	515,704	..	..	418,413	6						
6	Buller	..	20,985	434,176	75,231	..	..	139,290	7						
7	Cambridge	..	..	80,682	225,338	..	..	122,120	8						
8	Central Canterbury	443,900	123,866	2,787,497	774,742	..	..	79,250	9						
9	Central Hawke's Bay	..	30,401	357,844	681,794	..	..	63,568	10						
10	Central Waikato	366,408	132,908	2,120,419	689,967	..	..	113,555	11						
11	Dannevirke	..	1,007	132,539	132,539	..	..	34,638	12						
12	Egmont	..	8,450	148,409	223,431	18,196	..	227,688	13							
13	Franklin	96,200	117,800	1,106,200	235,602	46,094	51,299	354,511	14							
14	Golden Bay	40,000	..	185,960	83,149	..	..	221,637	15						
15	Grey	..	2,272	13,632	182,802	..	..	164,395	16						
16	Hawke's Bay	369,000	433,233	2,419,586	836,930	264,456	..	375,568	17							
17	Horowhenua	207,000	216,780	1,590,296	433,712	293,407	..	6,392	18							
18	Hutt Valley	1,221,000	676,334	5,533,120	2,164,492	150,527	..	205,232	19							
19	King Country	..	82,300	1,765,364	246,550	184,837	..	19,638	20							
20	Manawatu—Oroua	244,900	117,922	1,401,910	672,252	242,896	..	604,613	21							
21	Marlborough	173,900	119,515	1,349,045	245,166	21,452	..	162,398	22							
22	North Auckland	363,100	225,995	3,660,174	597,056	143,299	2,485	139,693	23							
23	North Canterbury	795,000	14,345	800,942	296,977	118,350	..	49,349	24							
24	Otago	130,000	120,012	915,310	263,374	34,405	..	115,879	25							
25	Otago Central	120,800	62,815	1,072,605	126,906	..	..	214,862	26						
26	Poverty Bay	370,000	189,443	3,029,986	444,925	62,531	..	173,892	27							
27	South Canterbury*	400,000	113,000	1,773,460	474,707	312,919	..	272,594	28							
28	Taranaki	300,000	51,798	869,160	188,044	3,902	..	358,006	29							
29	Tairāia	16,700	24,788	309,407	684,963	93,163	..	120,130	30							
30	Tauranga	470,600	197,954	3,804,398	492,363	129,227	..	236,594	31							
31	Te Awamutu	..	48,886	258,754	154,317	80,428	..	89,929	32							
32	Thames Valley	459,000	201,201	9,567,519	1,130,381	990,272	..	2,769,792	33							
33	Waikato	74,000	79,204	1,091,931	324,318	116,632	..	893,582	34							
34	Waikare	357,850	88,540	2,381,761	301,532	564,781	..	161,136	35							
35	Waikare	..	43,565	557,642	41,374	7,318	..	49,760	36							
36	Waipara	10,300	23,630	189,309	89,104	13,400	..	90,069	37							
37	Waikato	83,650	79,205	1,139,864	254,222	278,293	..	363,520	38							
38	Waitemata	960,580	610,170	7,015,880	1,597,559	155,827	..	404,227	39							
39	Waitemata	117,500	82,894	1,179,606	1,175,463	4,373	..	4,373	40							
40	Waitemata—Rangitikei	450,000	265,359	2,782,348	617,356	37,458	..	144,261	41							
41	Westland	117,000	29,561	478,326	55,078	37,913	..	6,345	42							
		10,953,960	6,891,025	78,801,880	19,230,001	9,999,664	990,796	10,989,950	298,805,167							

(For notes see page 21.)

5,286,140
11,166,155

TABLE X (PART I)—ANALYSIS OF LIABILITIES AND RESERVES FOR THE YEAR ENDED 31 MARCH 1971—continued

No.	Supply Authorities	Liabilities				Reserves							Total	No.
		Public Debt		Sundry Creditors	Loans Repaid Reserve ¹	Capital Expenditure from Revenue	Sinking Fund Reserve for Future Loan Repayment	Depreciation Reserve	Renewal Fund Reserve	General and Other Reserves ²	Net Appropriation Account Surplus ³			
		Loans Raised During Year	Loans Repaid During Year									From Renewal Loans			From Revenue and Sinking Fund	Gross Loan Liability as at 31 March 1971
1	Christchurch	980,780	104,680	561,059	2,078,941	5,162,467	8,736,686	1,137,366	13,299,737	3,060,186	123,165	30,204,332	1	
2	Dunedin	126,800	126,800	776,081	3,793,844	8,005,756	2,104,834	1,433,299	27,429	2,797,558	867,024	29,873,113	2	
3	Hamilton	99,500	..	28,640	45,266	201,991	578,004	28,890	59,790	100,012	1,520,370	4,095,411	3	
4	Invercargill	190,000	..	..	128,863	412,847	619,960	30,788	17,021	238,720	113,930	3,833,638	4
5	Napier	..	..	..	91,872	..	..	..	131,219	1,401,797	42,629	1,979,739	5
6	Nelson	..	..	9,700	220,772	562,480	180,600	6,422	3,351	95,619	403,960	4,070,401	6
7	New Plymouth	..	..	..	320,674	..	..	..	109,363	8,280	273,516	3,411,702	7
8	Palmerston North	62,000	..	771	23,945	306,006	2,065,571	9,420	231,732	4,680	305,476	4,047,438	8	
9	Tauranga	..	..	12,849	157,612	327,659	1,143,394	..	70,473	..	55,482	2,049,847	9
10	Timaru	..	..	..	1,456,993	1,603,082	8,696,250	680,577	96,840	1,040,305	100,563	20,705,032	10
11	Wellington	..	..	5,600	14,000	156,059	..	..	30,598	53,878	47,644	1,107,759	11
12	Whangarei	2,046,547	365,937	1,573,190	18,554,639	16,738,347	31,144,383	3,326,762	14,073,743	8,799,342	3,996,094	107,045,969	12	
1	Bluff	..	..	699	3,940	29,650	185,350	4,045	13,268	163,708	47,560	284,750	1
2	Kaipoi	..	..	464	5,743	16,000	14,972	..	6,878	..	49,966	296,606	2
3	Lyttelton	..	..	10,030	92,984	15,000	211,911	..	21,631	..	120,812	402,386	3
4	Rangiora	..	..	..	116,000	96,258	2,11,825	45,097	2,610	..	16,428	456,402	4
5	Riccarton	..	..	..	..	90,400	363,233	..	43,381	..	68,554	808,181	5
6	Taihape	..	..	7,674	180,375	131,765	118,530	53,730	19,724	8,747	45,958	200,107	6
7	Taumarunui	1,600	..	39,733	1,351,300	572,970	250,987	58,460	80,738	8,227	360,308	702,495	7	
8	Taupo	328,350	..	..	24,994	..	242,336	..	24,596	21,161	36,701	2,858,764	8
9	Tc Aroha	..	..	1,126	..	22,011	144,044	2,243	30,763	4,556	13,589	2,251,156	9
10	Thames	..	..	..	..	..	192,609	..	2,787	8,671	2,396	305,023	10
11	Wairoa	10,000	..	7,036	121,711	160,944	259,214	22,403	28,125	..	64,976	961,130	11	
12	Whakatane	339,950	..	66,762	1,882,044	1,136,998	2,661,565	185,378	320,077	210,070	936,077	7,850,555	12	
1	Heathcote	..	..	3,271	48,794	51,306	260,253	15,934	3,769	..	15,988	406,225	1
2	Kaikoura	..	..	58,427	38,827	223,555	83,645	..	9,222	..	13,018	400,681	2
1	Rotomania	91,846	..	..	2,941,247	952,683	..	..	116,295	1,918,666	..	5,666,249	1
2	Southland Electric Power Supply ¹	91,846	..	..	2,941,247	952,683	..	..	116,295	1,918,666	..	5,666,249	2
	GRAND TOTALS	61,942,060	750,987	15,964,989	848,736,404	116,750,279	101,249,852	8,864,889	168,433,944	6,327,782	170,008,695	1,469,411,802		

(For notes see page 21.)

8,814,864
168,470,918

TABLE X (PART II)—ANALYSIS OF ASSETS FOR THE YEAR ENDED 31 MARCH 1971

No.	Supply Authorities	Total	Assets					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*	\$ 1,049,156,956	\$ 20,143,547	\$..	\$..	\$ 14,131,215	\$ 1,014,862,194	\$ 68,503,594	1
	Power Boards								
1	Amethyst ..	595,959	15,977	26,108	50,365	10,077	433,432	53,974	1
2	Ashburton ..	4,865,827	163,211	316,180	..	991,480	3,987,005	150,992	2
3	Auckland ..	56,960,575	1,993,546	6,440,785	190,862	1,607,273	46,758,170	3,433,515	3
4	Bay of Islands ..	9,260,823	240,344	213,635	..	1,174,723	5,635,571	515,598	4
5	Bay of Plenty ..	5,668,625	453,480	223,968	..	451,441	4,759,756	254,512	5
6	Buller ..	1,445,619	92,696	119,395	64,377	98,281	1,070,870	89,957	6
7	Cambridge ..	1,116,013	26,692	162,164	..	875,912	70,851	70,851	7
8	Central Canterbury ..	8,897,073	459,574	657,073	94,183	412,907	7,164,196	960,716	8
9	Central Hawke's Bay ..	2,840,024	117,893	128,792	..	63,500	2,637,983	47,516	9
10	Central Waikato ..	10,195,644	560,039	626,464	137,543	516,633	8,334,965	547,941	10
11	Dannevirke ..	2,011,875	83,698	119,395	..	140,469	1,668,074	58,060	11
12	Egmont ..	3,957,564	108,400	451,100	..	202,213	3,205,851	117,201	12
13	Franklin ..	5,915,245	296,345	546,448	218,987	241,466	4,612,493	210,547	13
14	Golden Bay ..	1,667,443	17,671	17,671	28,577	17,182	4,863,176	48,572	14
15	Grey ..	2,710,133	131,104	509,094	..	199,792	1,922,193	44,341	15
16	Hawke's Bay ..	10,984,127	697,257	777,618	100	564,791	8,944,361	697,241	16
17	Horowhenua ..	6,887,347	300,285	572,741	96,933	293,544	5,704,259	563,695	17
18	Hutt Valley ..	26,706,887	1,899,570	773,609	56,306	956,163	17,091,166	1,463,976	18
19	King Country ..	3,609,380	1,224,974	1,503,251	53,436	31,832	4,234,097	72,810	19
20	Manawatu-Oroua ..	8,050,365	735,704	994,276	206,377	363,635	5,752,291	234,655	20
21	Marlborough ..	5,015,153	107,050	209,390	67,723	297,195	4,333,864	359,456	21
22	North Auckland ..	1,420,363	531,297	626,979	..	210,765	2,081,505	509,505	22
23	North Canterbury ..	3,190,395	351,777	674,686	..	330,252	3,109,105	399,314	23
24	Otago ..	6,192,210	357,800	673,603	14,805	320,273	4,862,824	184,897	24
25	Otago Central ..	4,769,094	235,565	413,867	20,000	356,392	3,759,260	321,072	25
26	Poverty Bay ..	7,868,728	217,565	619,295	131,218	471,970	6,438,739	365,707	26
27	South Canterbury*	514,729	514,729	7,292,973	60,000	413,753	5,671,198	851,640	27
28	Taranaki ..	5,083,297	211,510	366,892	111,157	301,234	4,103,000	345,934	28
29	Taranaki ..	1,483,548	143,824	143,824	..	110,568	1,402,952	67,063	29
30	Tauranga ..	8,710,920	327,746	386,797	1,337,570	239,910	6,416,869	915,710	30
31	Te Awamutu ..	2,576,953	124,613	140,870	..	86,367	2,225,103	64,679	31
32	Thames Valley ..	12,607,901	969,815	1,729,973	124,700	793,440	9,391,445	659,495	32
33	Wairarapa ..	5,658,444	283,911	485,560	10,575	297,710	4,590,638	250,789	33
34	Wairarapa ..	6,524,592	197,270	714,305	..	565,397	5,292,612	391,905	34
35	Wairarapa ..	1,431,604	11,483	58,246	..	47,754	1,314,121	14,412	35
36	Wairoa ..	1,126,642	101,264	47,964	..	47,182	930,941	77,174	36
37	Waikato ..	4,997,905	305,553	990,044	67,717	240,714	3,981,177	210,560	37
38	Waikato ..	20,404,983	1,084,483	677,362	9,693	899,718	17,744,568	1,169,515	38
39	Wairarapa ..	8,610,248	1,130,622	243,810	20,000	159,722	6,553,164	1,022,815	39
40	Wanganui-Rangitikei ..	3,026,399	431,944	659,439	139,680	521,761	7,089,165	590,291	40
41	Westland ..	951,932	18,484	30,762	7,827	69,359	825,500	109,608	41
		298,885,167	15,104,508	25,016,639	3,198,275	13,369,992	242,195,563	47,645,545	

(For notes see page 21.) *17,591,902*

TABLE X (PART II)—ANALYSIS OF ASSETS FOR THE YEAR ENDED 31 MARCH 1971—continued

No.	Supply Authorities	Total	Assets					Stocks and Materials*	Total Capital Expenditure*	Annual Increase in Total Capital Expenditure	No.
			Sundry Debtors	Revenue and Reserve Funds—Cash and Investments	Loan Account—Cash and Investments	Revenue and Reserve Funds—Cash and Investments	Loan Account—Cash and Investments				
1	Christchurch	\$ 30,204,332	\$ 1,033,856	\$ 2,746,034	\$..	\$ 828,500	\$ 25,395,942	\$ 1,822,096	1		
2	Dunedin	29,873,113	605,526	6,013,863	210,096	1,198,531	21,905,091	1,278,622	2		
3	Hamilton	4,095,411	88,725	1,548,096	..	56,763	2,402,326	138,170	3		
4	Invercargill	3,333,638	217,028	70,889	10,045	174,804	3,360,952	339,507	4		
5	Napier	1,979,739	91,877	96,132	56,394	94,268	1,641,268	187,929	5		
6	Nelson	1,667,517	117,502	115,746	..	32,472	1,401,797	129,191	6		
7	New Plymouth	4,070,401	167,417	14,360	..	457,314	3,431,310	303,509	7		
8	Palmerston North	3,411,702	200,522	961,871	..	147,642	2,701,667	112,293	8		
9	Tauranga	4,047,438	111,404	532,865	1,108,013	23,038	2,267,088	704,849	9		
10	Timaru	2,049,047	86,250	74,686	8,879	122,620	1,757,402	112,477	10		
11	Wellington	20,705,032	1,009,347	2,787,376	189,000	807,681	15,917,628	1,133,774	11		
12	Whangarei	1,107,799	81,025	1,139,262	..	73,521	813,991	24,937	12		
		107,045,969	3,809,780	14,501,146	1,576,427	3,962,154	83,196,462	6,287,354			
1	Bluff	284,750	20,924	14,103	..	30,703	218,940	9,279	1		
2	Kaipoi	296,506	31,978	23,741	4,045	35,021	202,423	14,508	2		
3	Lytelton	402,386	21,927	148,158	..	3,389	226,912	6,462	3		
4	Kaangora	456,402	16,266	15,597	1,244	26,595	396,700	39,729	4		
5	Riccarton	808,181	67,423	154,474	10,693	15,374	560,217	17,780	5		
6	Taihape*	200,107	..	59,463	..	13,368	127,276	2,988*	6		
7	Taumarunui	702,495	21,453	51,013	..	13,172	616,857	224,802	7		
8	Taupo	2,858,764	7,817	142,965	297,000	121,388	2,251,966	147,891	8		
9	Te Aroha	251,156	29,856	62,363	..	15,871	165,205	6,642	9		
10	Thames	323,555	29,856	40,815	419	27,934	224,531	10,932	10		
11	Wairoa	305,023	1,862	37,600	..	6,347	259,214	42,838	11		
12	Whakatane	961,130	24,200	143,374	6,190	98,028	689,338	28,773	12		
		7,850,555	288,548	893,567	319,591	409,270	5,939,579	546,640			
1	Hastings	406,225	28,756	5,773	..	11,342	360,354	21,395	1		
2	Kaikoura	400,681	28,332	12,551	..	19,351	346,027	7,538	2		
		806,906	57,108	18,724	..	24,693	706,381	28,933			
1	GOVERNMENT DEPARTMENTS	5,666,249	109,366	1,407,414	..	255,540	3,893,929	185,700	1		
2	Rotorua Electric Supply	..	..	..	..	..	..	..	2
	Southland Electric Power Supply†	5,666,249	109,366	1,407,414	..	255,540	3,893,929	185,700			
	GRAND TOTALS	1,469,411,802	39,512,857	41,837,680	5,094,293	92,152,964	1,350,614,108	43,144,131			

Notes—Includes capital reserves.
 *Includes capital contributions by consumers.
 †Purchased by Wanganui-Rangitikei Electric Power Board 1 October 1970.
 ‡Includes Southland Electric Power Supply.
 §Includes Mackenzie County Council purchased 1 April 1970.
 ¶Included with New Zealand Electricity Department.
 **Net decrease due to amounts written off.

TABLE XI (PART I)—ANALYSIS OF CONSUMPTION OF ENERGY FOR THE YEAR ENDED 31 MARCH 1971

No.	Supply Authorities	Group 1—Domestic						Group 2—Commercial						Group 3—Farming					
		Units Consumed	Revenue	Revenue Per Unit Sold	Consumers	Average Units Per Consumer	Revenue	Units Consumed	Revenue	Revenue Per Unit Sold	Consumers	Average Units Per Consumer	Revenue	Units Consumed	Revenue	Revenue Per Unit Sold	Consumers	Average Units Per Consumer	
		kWh	\$	c	Number	kWh	\$	kWh	c	Number	kWh	c	\$	kWh	\$	c	Number	kWh	
1	New Zealand Electricity Department	141,864,457	1,876,431	1.323	21,253	6,675	37,438,241*	641,884	1.715	3,169	11,814	4,705,678	86,377	1.836	2,141	2,198			
1	Amelhurst	1,950,394	35,206	1.805	336	5,805	1,200,278	96,223	2.185	84	14,298	782,663	14,377	1.837	97	8,069			
2	Ashburton	79,811,716	743,245	1.021	8,492	8,574	11,131,325	285,226	1.844	1,093	10,184	1,136,557	33,437	2.942	1,469	7,774			
3	Auckland	948,822,776	9,750,920	1.028	142,356	6,665	369,006,143	6,784,933	1.822	22,770	16,232	9,830,226	185,623	1.888	2,002	10,491			
4	Bay of Islands	61,043,640	747,439	1.224	9,903	7,104	12,759,140	269,838	2.261	1,633	7,851	9,939,950	205,073	2.063	2,002	4,965			
5	Bay of Plenty	59,194,280	701,962	1.206	8,180	7,114	12,765,094	263,231	2.062	1,661	7,594	13,432,970	228,746	1.703	962	13,964			
6	Buller	9,998,685	137,567	1.376	2,658	3,762	3,498,005	114,213	3.265	515	6,792	956,510	14,057	1.470	133	7,192			
7	Cambridge	24,558,753	255,160	1.039	3,254	7,547	3,458,925	70,530	2.300	464	7,453	4,104,709	68,946	1.558	669	6,136			
8	Central Canterbury	96,809,293	1,025,359	1.059	12,137	7,976	45,059,927	713,044	1.584	1,469	30,651	10,723,300	164,676	1.536	1,959	5,474			
9	Central Hawke's Bay	40,038,291	426,492	1.065	4,504	8,869	6,102,220	133,228	2.183	1,621	9,826	1,494,505	39,753	2.660	941	1,588			
10	Central Otago	157,810,986	1,808,055	1.146	23,810	6,628	30,569,690	621,290	2.005	1,890	16,397	21,474,118	384,827	1.792	3,322	6,464			
11	Dunedin	33,220,644	370,447	1.115	3,996	8,313	6,095,455	143,917	2.388	634	9,504	3,401,636	67,422	1.982	979	3,475			
12	Egmont	62,107,069	593,286	0.955	7,772	7,991	5,076,733	217,048	2.391	1,304	16,121,514	16,121,514	289,763	2.542	2,842	7,191			
13	Franklin	73,196,006	852,458	1.165	10,297	7,168	15,474,006	257,919	1.662	1,315	11,767	19,616,902	321,917	1.641	3,222	6,080			
14	Golden Bay	7,573,908	83,474	1.107	1,374	3,512	2,954,690	64,471	2.892	1,172	4,718	1,676,070	25,477	1.520	613	2,734			
15	Grey	26,154,457	292,047	1.117	5,705	4,584	8,493,141	217,303	2.566	1,271	6,682	..	..	..	..	..	..
16	Hawke's Bay	196,203,857	2,129,733	1.085	25,847	7,591	37,225,603	781,697	2.100	2,663	13,979	5,858,930	143,921	2.446	1,700	3,446			
17	Herowhenua	113,488,152	1,319,480	1.162	18,378	6,129	6,129,845	691,785	2.474	1,615	7,503	4,278,459	89,040	2.081	780	5,485			
18	Hutt Valley	449,532,109	4,824,776	1.073	52,598	8,547	96,553,504	1,640,566	2.010	5,416	17,628	13,604	225	1.130	825	3,039			
19	King Country	33,053,361	329,159	0.969	5,178	6,557	13,309,689	347,847	1.870	806	16,502	1,334,941	26,268	2.118	227	1,614			
20	Mannawatu-Otago	85,038,381	912,634	1.073	11,353	7,490	28,518,361	532,125	1.866	1,196	23,645	9,103,562	176,226	1.936	2,888	3,152			
21	Marlborough	63,238,614	704,481	1.114	8,465	7,471	20,201,108	407,987	2.017	1,447	13,961	2,312,530	41,662	1.802	827	2,796			
22	North Auckland	88,780,080	1,094,480	1.231	14,472	6,129	12,117,845	293,749	2.474	1,615	7,503	2,238,004	348,250	1.566	3,317	6,704			
23	North Canterbury	50,484,877	606,017	1.200	7,091	7,120	8,421,847	149,596	1.670	833	9,872	5,536,753	98,108	1.772	1,822	3,039			
24	Otago Central	63,950,136	714,641	1.117	9,480	6,750	18,401,368	347,847	1.890	1,592	12,011	3,773,842	37,379	0.990	1,947	1,938			
25	Poverty Bay	47,188,415	500,243	1.060	6,165	7,654	23,693,353*	305,904	1.531	822	20,824	2,733,076	41,439	1.516	656	4,166			
26	South Canterbury	95,047,072	1,106,546	1.164	14,173	6,706	19,632,291	593,385	2.972	3,639	5,395	632,768	39,140	1.886	1,682	376			
27	Tairānui	84,019,240	1,034,274	1.231	11,836	7,097	3,010,569	227,490	2.524	939	9,596	1,877,990	63,067	3.358	3,578	3,249			
28	Tairānui	65,856,117	618,732	0.940	8,331	7,305	10,768,293	194,345	1.856	1,250	8,375	15,303,418	227,092	1.404	2,376	6,441			
29	Tairānui	21,040,080	292,738	1.391	3,007	6,897	2,723,929	64,471	2.368	1,476	5,721	3,099,175	72,677	2.345	996	3,112			
30	Tairānui	110,125,780	1,348,300	1.224	16,729	6,503	13,666,781	400,177	2.554	1,648	9,506	12,264,907	248,262	2.024	1,837	6,677			
31	Tairānui	43,503,511	436,513	1.003	5,642	7,711	9,448,556	165,160	1.748	798	11,840	11,037,256	157,388	1.426	1,739	6,347			
32	Tairānui	152,916,761	1,803,429	1.179	24,820	6,161	36,614,937	686,236	1.874	3,624	10,103	41,824,818	654,872	1.566	4,498	9,298			
33	Tairānui	89,137,288	889,577	0.998	13,202	6,711	11,574,408	283,165	2.473	1,119	10,252	6,487,477	129,579	1.957	1,748	3,711			
34	Tairānui	91,865,650	1,161,056	1.264	11,475	7,006	19,374,408	429,155	2.231	1,685	11,498	6,201,918	156,519	2.524	1,603	3,869			
35	Tairānui	9,291,138	147,859	1.591	1,289	7,208	1,038,138	20,792	2.003	197	5,270	686,478	17,976	2.619	477	1,439			
36	Tairānui	11,501,400	134,405	1.169	2,394	4,928	20,350	20,350	1.510	157	8,583	1,501,600	34,330	2.266	529	2,839			
37	Tairānui	59,574,868	683,293	1.147	7,679	7,598	14,632,856	931,863	2.268	1,001	14,618	1,425,206	30,456	2.137	862	1,633			
38	Tairānui	428,665,963	5,211,283	1.216	70,850	6,031	97,023,437*	2,130,497	2.211	7,197	13,481	15,038,419	307,928	2.048	2,640	5,696			
39	Tairānui	40,594,340	453,364	1.117	5,289	7,195	7,344,408	162,464	2.045	914	8,692	6,556,870	123,251	1.880	1,936	4,697			
40	Tairānui	151,718,081	1,623,687	1.070	21,087	7,195	47,701,476	954,572	2.001	3,201	14,302	2,739,192	107,727	3.933	2,322	1,180			
41	Westland	8,156,241	112,152	1.375	1,758	4,641	3,847,843	89,074	2.315	984	10,020	1,037,040	20,128	1.941	129	8,039			
		4,329,144,419	48,015,587	1.109	623,384	6,945	1,135,118,284*	22,439,761	1.984	83,627	13,574	300,787,331	5,446,859	1.811	59,948	5,017			

(For notes see page 25.)

TABLE XI (PART I)—ANALYSIS OF CONSUMPTION OF ENERGY FOR THE YEAR ENDED 31 MARCH 1971—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	
1	Christchurch	612,764,708	6,332,905	1.033	74,196	8,259	3,812,188	2,169	7,681	22,882	3,671,324	67,709	1.844	159	23,090		
2	Dunedin	317,062,988	3,070,566	0.963	36,513	8,694	1,962,599	2,139	4,890	16,763	3,378,778	60,247	1.703	570	5,928		
3	Hamilton	43,515,030	3,489,569	1.125	7,637	5,698	865,399	2,448	2,442	14,478	2,271	2,905	2	4,565			
4	Invercargill	26,039,365	826,405	1.087	12,113	6,278	36,347,696	1,863	1,713	21,219	3,203	2,905	2	4,565			
5	Napier	26,320,340	305,093	1.159	4,288	6,138	378,958	2,134	1,172	15,154	3,203	2,905	1	235,000			
6	Nelson	37,641,480	951,403	0.934	5,226	7,203	399,750	2,459	1,049	15,107	4,259	4.019	61	1,737			
7	New Plymouth	97,736,386	914,871	0.917	13,794	7,231	20,000,016	2,306	1,747	11,448	152,549	4.019	91	10,734			
8	Palmerston North	97,782,301	925,543	0.946	13,336	7,332	26,732,563	2,310	2,284	12,580	152,549	1.681	12	24,302			
9	Tauranga	15,323,700	107,303	0.700	7,311	6,087	11,428	1,759	1,047	11,428	5,023	1.681	97	10,734			
10	Timaru	53,137,439	576,616	1.085	6,780	7,937	316,665	2,233	1,055	13,443	..	..	..	..
11	Wellington	316,559,640	3,060,145	0.967	41,933	7,549	4,135,379	2,284	9,657	18,750	34,080	3.110	23	4,402			
12	Whangarei	33,346,382	313,254	0.939	5,062	6,588	4,006,090	2,618	1,328	11,678	..	..	..	..
		1,729,233,759	17,223,703	0.996	222,974	7,755	644,277,244	2,216	36,065	17,864	18,435,291	294,321	1.596	1,825	10,102		
1	Bluff	3,885,100	56,866	1.464	896	4,334	4,121,171	1,772	236	17,463	..	..	..	..
2	Kanopoi	8,671,780	96,466	1.112	1,094	7,927	1,388,540	1,908	129	10,764	..	..	..	..
3	Lytelton	6,904,507	71,048	1.039	1,048	6,588	2,954,206*	1,674	192	15,386	..	..	..	..
4	Rangiora	12,499,976	139,265	1.115	1,624	7,693	6,628,508	2,273	228	11,528	34,968	2.203	4	8,742			
5	Riccarton	21,593,950	184,669	0.855	2,656	8,130	7,642,442	2,367	369	20,711	..	..	..	..
6	Taihape	3,696,301	40,984	1.109	762	4,851	1,520,266	2,988	212	7,171	35	2.857	3	12			
7	Taumarunui	8,030,519	90,880	1.132	1,246	6,445	5,403,422	2,414	326	16,575	12,062	1.605	12	1,005			
8	Taupo	28,905,245	331,264	1.146	4,251	6,800	10,337,304	1,962	619	16,700	856,113	3.012	294	2,912			
9	Te Aroha	6,748,421	77,595	1.150	1,079	6,254	1,986,275	1,927	273	7,276	26,390	1.469	6	4,398			
10	Thames	12,072,865	136,744	1.133	1,888	6,394	3,615,116	1,831	380	9,513	..	..	..	..
11	Wairoa	11,056,130	144,512	1.307	1,520	7,274	3,645,830	1,309	421	8,660	..	..	..	..
12	Whakatane	18,046,441	200,501	1.111	2,391	7,548	6,747,525	2,500	544	12,403	..	..	..	..
		142,103,235	1,570,794	1.105	20,455	6,947	51,990,405*	2,090	3,929	13,292	929,858	2,919	320	2,906			
1	Heathcote	16,132,360	162,422	1.007	1,738	9,202	5,910,512	1,425	92	55,332	274,360	1.181	46	5,910			
2	Kaitiaki	5,517,125	83,400	1.512	946	5,832	1,902,850	1,661	216	8,809	126,298	0.895	120	4,400			
		21,649,485	245,822	1.135	2,684	8,066	2,441,482	1,408	308	22,487	587,215	1.866	166	4,400			
1	Government Departments	89,811,090	923,134	1.028	14,780	6,076	33,322,220	2,377	1,227	27,157	5,853,030	2.356	820	7,138			
2	Rotorua Electric Supply	123,986,477	1,811,914	1.461	19,604	6,324	31,426,620	1,834	3,081	10,200	4,705,678	1.836	2,141	2,198			
	Southland Electric Power Supply	213,797,567	2,735,048	1.279	34,384	6,218	64,748,840	2,114	4,308	15,030	10,558,768	2.124	2,961	3,566			
	GRAND TOTALS	6,453,806,445	69,855,471	1.082	905,530	7,127	1,904,130,806	2,065	128,925	14,978	384,994,403	8,007,939	1.011	65,220	5,001		

(For notes see page 25.)

Handwritten notes: 3,240; 1,181; 1,472; 1,866; 1,576; 5,068; 2,919; 1.011; 65,220; 5,001; 5082

Handwritten notes: 274,360; 126,298; 556,995; 827,235; 1,181; 1,472; 1,866; 1,576; 5,068; 2,919; 1.011; 65,220; 5,001; 5082

Handwritten notes: 1,086,657; 72,557; 74,667; 106,267; 1,181; 1,472; 1,866; 1,576; 5,068; 2,919; 1.011; 65,220; 5,001; 5082

Handwritten notes: 1,086,657; 72,557; 74,667; 106,267; 1,181; 1,472; 1,866; 1,576; 5,068; 2,919; 1.011; 65,220; 5,001; 5082

Handwritten notes: 1,086,657; 72,557; 74,667; 106,267; 1,181; 1,472; 1,866; 1,576; 5,068; 2,919; 1.011; 65,220; 5,001; 5082

Handwritten notes: 1,086,657; 72,557; 74,667; 106,267; 1,181; 1,472; 1,866; 1,576; 5,068; 2,919; 1.011; 65,220; 5,001; 5082

Handwritten notes: 1,086,657; 72,557; 74,667; 106,267; 1,181; 1,472; 1,866; 1,576; 5,068; 2,919; 1.011; 65,220; 5,001; 5082

Handwritten notes: 1,086,657; 72,557; 74,667; 106,267; 1,181; 1,472; 1,866; 1,576; 5,068; 2,919; 1.011; 65,220; 5,001; 5082

Handwritten notes: 1,086,657; 72,557; 74,667; 106,267; 1,181; 1,472; 1,866; 1,576; 5,068; 2,919; 1.011; 65,220; 5,001; 5082

Handwritten notes: 1,086,657; 72,557; 74,667; 106,267; 1,181; 1,472; 1,866; 1,576; 5,068; 2,919; 1.011; 65,220; 5,001; 5082

Handwritten notes: 1,086,657; 72,557; 74,667; 106,267; 1,181; 1,472; 1,866; 1,576; 5,068; 2,919; 1.011; 65,220; 5,001; 5082

TABLE XI (PART II)—ANALYSIS OF CONSUMPTION OF ENERGY FOR THE YEAR ENDED 31 MARCH 1971

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	New Zealand Electricity Department*	555,353,750*	3,600,718	0.653	276	2,012,151	616,543,220**	4,600,596	0.751	5,658	103,958	758,407,677**	6,477,027	0.859	26,911	26,182
1	Power Boards	544,831	12,799	2.349	10	54,483	2,538,472	53,898	2.123	192	13,221	4,488,866	89,104	1.985	528	8,502
2	Ametihev	10,002,452	172,261	1.722	33	303,105	23,401,951	434,732	1.858	2,598	9,008	96,213,667	1,177,977	1.274	11,090	8,676
3	Ashburton	632,155,379	7,311,051	1.156	1,919	329,419	1,046,534,533	14,571,830	1.392	25,646	40,807	1,995,357,309	24,322,750	1.219	168,002	11,877
4	Auckland	21,798,160	281,897	1.293	40	544,954	45,298,150	795,361	1.756	3,669	12,279	106,341,730	1,542,800	1.451	13,592	7,024
5	Bay of Plenty	132,802,828	992,492	0.740	50	2,656,057	159,348,372	1,407,646	0.934	2,708	58,644	217,542,652	2,169,608	1.006	10,888	19,960
6	Buller	22,718,574	194,187	0.855	38	597,857	27,445,204	335,262	1.222	688	39,891	37,443,889	472,829	1.263	3,346	11,191
7	Cambridge	5,012,473	57,859	1.152	34	88,602	10,844,599	208,777	1.879	1,171	9,261	35,403,292	4,425	1.296	8,001	4,425
8	Central Canterbury	59,709,290	876,944	1.469	95	306,201	117,675,998	1,702,746	1.515	3,658	32,169	214,485,281	2,808,103	1.309	15,795	13,579
9	Central Hawke's Bay	3,084,441	46,003	1.491	32	96,389	11,040,984	225,334	2.041	1,601	6,896	51,079,275	6,105	1.276	8,367	6,105
10	Central Waikato	43,302,360	738,481	1.694	172	262,804	99,368,982	1,781,061	1.792	5,395	18,419	257,179,968	3,569,116	1.396	29,205	8,806
11	Danversville	1,832,715	34,071	1.877	34	53,903	11,476,800	250,396	2.162	1,651	6,951	44,697,444	620,843	1.389	5,647	7,915
12	Egmont	15,337,560	259,566	1.692	97	158,119	41,172,060	772,335	1.876	3,648	11,286	103,279,129	1,365,621	1.322	11,420	9,044
13	Franklin	13,412,266	186,110	1.388	224	59,876	49,103,794	761,887	1.592	4,768	10,299	122,299,800	1,634,345	1.536	15,065	8,118
14	Golden Bay	38,529,016	280,971	0.729	103	374,068	41,088,216	330,782	0.805	900	45,654	48,662,124	414,256	0.851	2,274	21,999
15	Grey	12,738,908	162,728	1.277	89	143,134	21,942,724	395,639	1.803	1,368	16,040	48,037,181	687,686	1.430	7,073	6,800
16	Hawke's Bay	8,414,000	152,439	1.812	103	274,601	119,540,137	1,986,010	1.661	4,649	25,713	315,743,994	4,115,743	1.304	30,496	10,354
17	Horowhenua	11,907,320	168,428	1.414	41	290,422	51,174,886	1,007,987	1.970	2,961	17,283	164,663,038	2,327,035	1.413	21,399	7,716
18	Hutt Valley	164,013,422	2,972,777	1.812	412	398,091	267,081,967	5,043,926	1.888	6,101	43,777	716,614,076	9,868,702	1.379	58,699	12,208
19	King Country	37,407,547	523,818	1.400	38	984,409	52,350,431	774,808	1.480	1,687	31,032	86,303,791	1,103,967	1.279	15,669	12,589
20	Manawatu-Oroua	38,269,354	642,856	1.682	171	223,446	76,458,445	1,368,094	1.789	4,316	17,715	161,496,826	2,280,728	1.412	15,669	10,307
21	Manlborough	8,414,000	152,439	1.812	103	274,601	119,540,137	1,986,010	1.661	4,649	25,713	315,743,994	4,115,743	1.304	30,496	10,354
22	North Auckland	94,108,314	773,922	0.822	106	887,814	129,041,503	1,432,215	1.110	5,074	25,432	217,741,593	2,526,695	1.160	19,546	8,742
23	North Canterbury	170,212	2,972,777	1.739	60	173,045	24,891,728	421,020	1.691	2,757	9,029	75,376,605	1,027,037	1.562	9,848	11,440
24	Otago	16,175,327	275,977	1.706	30	539,178	39,088,035	679,173	1.738	3,525	11,089	103,078,171	1,393,814	1.352	13,005	7,926
25	Otago Central	..	..	..	..	..	26,955,996*	356,080	1.532	1,491	18,079	74,144,411*	1,856,323	1.216	7,656	9,684
26	Porvay Bay	19,954,052	265,077	1.356	60	325,901	40,702,288	903,968	2.221	5,404	7,532	195,749,360	2,010,514	1.481	19,577	6,934
27	South Canterbury*	26,933,962	417,866	1.551	41	656,925	38,874,121	733,751	1.888	1,569	24,776	122,893,361	1,768,025	1.439	13,407	9,166
28	Taranaki	352,211	3,337,409	1.431	104	236,590	51,349,830	791,359	1.541	3,743	13,719	117,205,947	1,410,091	1.203	12,074	9,707
29	Taranaki	2,234,020	54,395	2.435	33	67,698	8,215,515	195,862	2.304	1,508	5,448	29,255,605	488,600	1.670	4,515	6,480
30	Tauranga	22,115,669	312,600	1.413	112	197,461	51,238,143	994,427	1.941	1,601	14,229	161,363,923	2,342,787	1.452	20,330	7,937
31	Ts Awamutu	2,938,900	41,189	1.402	23	127,778	23,883,367	371,618	1.556	2,572	9,286	67,366,878	808,131	1.199	8,214	8,204
32	Thames Valley	298,706,147	2,394,544	0.781	217	1,376,894	378,927,308	3,716,079	0.981	8,354	45,359	531,844,069	5,519,508	1.038	33,174	16,032
33	Waikanae	18,928,152	2,337,409	1.231	217	87,226	37,878,073	770,549	2.034	3,089	12,262	127,015,361	1,660,126	1.307	16,371	7,759
34	Waikato	17,799,755	305,372	1.722	105	168,855	44,143,977	904,292	2.048	3,423	12,896	136,009,627	2,065,388	1.519	14,898	9,129
35	Waikare	..	9,154	2.122	4	107,850	2,198,965	48,907	2.224	679	3,238	11,490,103	196,766	1.712	1,968	5,438
36	Waikare	4,967,770	57,683	1.321	13	335,902	7,306,960	114,221	1.563	709	10,306	18,808,360	248,626	1.322	3,043	6,181
37	Waikato	14,318,614	249,755	1.702	65	220,269	31,562,679	632,622	2.004	1,936	16,303	91,197,547	1,315,915	1.444	9,615	9,479
38	Waikato	41,752,427	786,478	1.884	519	80,448	159,585,733*	3,417,515	2.151	10,444	15,280	588,271,636*	8,628,798	1.468	81,299	7,237
39	Waikato	9,609,250	183,616	1.911	64	150,144	24,935,450	479,599	1.923	2,365	10,455	65,529,790	932,903	1.424	7,674	8,539
40	Wanganui-Rangitikei	22,057,147	344,741	1.563	157	140,491	74,059,233	1,452,269	1.934	1,354	12,893	225,777,314	3,055,956	1.354	26,707	8,420
41	Westland	3,576,905	64,876	1.814	21	170,329	8,643,619	100,518	2.088	5,708	16,066	16,801,860	292,670	1.742	2,296	7,318
		1,997,856,946	24,393,305	1.221	6,057	329,842	3,509,962,100**	53,578,224	1.528	150,279	23,356	7,839,106,519**	101,593,611	1.297	773,693	10,132

(For notes see page 25.)

TABLE XIV (PART II) - ANALYSIS OF CONSUMPTION OF ENERGY FOR THE YEAR ENDED 31 MARCH 1971 - 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	Christchurch	102,127,310	1,733,369	1.697	621	164,456	5,837,164	2.012	4,667	92,910,100	12,170,069	1.348	92,910,100	10,923
2	Dunedin	84,654,350	1,437,682	1.579	514	164,775	3,428,894	1.841	3,087	503,311,819	6,449,430	1.291	49,565	
3	Hamilton	9,707,610	166,935	1.714	114	85,154	1,048,916	2.449	2,557	90,293,960	1,535,435	1.701	10,104	
4	Invercargill	6,189,178	115,481	1.866	104	59,511	818,633	1.615	1,820	121,133,114	1,835,098	1.525	13,833	
5	Napier	5,481,750	93,172	1.700	83	116,115	485,366	1.974	1,207	50,912,420	790,459	1.553	5,495	
6	Nelson	5,490,696	102,033	1.858	33	66,152	517,437	2.293	1,447	59,911,435	868,840	1.450	6,673	
7	New Plymouth	32,359,100	435,812	1.347	959	90,137	1,065,495	1.550	3,105	163,312,470	1,900,266	1.205	16,800	
8	Palmerston North	12,043,446	188,068	1.561	195	61,456	963,050	2.072	2,512	193,231,499	1,974,192	1.393	8,775	
9	Tauranga	2,785,200	39,356	1.413	71	39,228	263,809	1.676	1,121	31,688,377	471,192	1.501	6,617	
10	Timaru	39,651,720	549,484	1.386	200	198,259	4,887,969	2.076	9,983	551,953,160	7,948,114	1.440	51,816	
11	Wellington	4,999,170	71,426	1.438	22	222,689	492,196	2.264	1,951	55,198,463	805,430	1.462	10,552	
12	Whangarei	305,431,380	4,832,248	1.582	2,317	131,922	20,209,301	1.901	40,852	2,749,490,905	37,433,004	1.361	6,419	
1	Bluff	2,248,070	20,541	1.646	20	62,404	74,634	1.748	249	8,165,841	131,500	1.610	1,145	
2	Kaipara	1,308,859	44,811	3.245	68	20,307	46,953	1.734	150	11,455,240	151,423	1.265	1,544	
3	Lyttelton	608,142	14,487	2.382	20	4,554,503	81,406	2.484	253	15,457,110	220,674	1.451	1,610	
4	Rangiora	8,747,327	127,671	1.460	26	386,436	314,994	1.062	399	15,688,604	459,663	1.308	3,055	
5	Richmond	49,130	1,843	2.545	6	1,188	47,965	2.705	222	5,301,132	88,940	1.630	884	
6	Tairāne*	443,477	11,332	2.555	20	29,174	140,592	2.408	353	14,243,923	240,452	1.688	1,697	
7	Tairāne**	9,610,316	130,521	1.368	49	202,255	376,195	1.718	974	50,793,069	740,462	1.508	5,224	
8	Tairāne***	1,657,030	25,558	1.542	17	97,472	66,134	1.707	203	10,624,591	148,293	1.353	1,577	
9	Tairāne****	4,246,543	51,322	1.209	24	176,939	124,436	1.328	403	20,214,324	261,180	1.292	2,293	
10	Wairoa	859,230	18,115	2.108	47	18,281	73,182	1.512	469	15,897,430	317,694	1.969	1,989	
11	Whakatane	591,340	14,265	2.473	21	28,159	191,792	2.434	566	23,922,693	392,293	1.913	2,957	
12	Whakatane	29,741,464	468,326	1.575	318	93,527	1,640,663	1.902	4,608	228,702,774	3,211,457	1.406	25,063	
1	Heathcote	6,513,732	75,061	1.152	1	6,513,732	155,071	1.267	141	28,438,800	318,393	1.120	1,879	
2	Kaitiaki	462,505	6,812	1.430	17	27,206	49,353	1.809	354	8,598,405	132,753	1.546	1,300	
1	Government Departments	74,397,456	1,080,380	1.452	358	207,814	2,708,547	1.776	7,714	366,284,742	5,443,595	1.486	42,098	
2	Rotorua Electric Supply	10,712,610	150,977	1.400	91	117,721	1,100,259	2.128	2,154	141,526,360	2,023,393	1.430	16,924	
3	Southland Electric Power Supply*	63,665,846	929,403	1.459	267	238,520	1,608,288	1.596	3,560	224,736,382	3,420,202	1.522	23,164	
4	GRAND TOTALS	2,906,071,787*	33,527,247	1.154	9,077	390,158	81,334,367	1.537	204,046	11,754,257,448**	151,189,838	1.288	1,109,576	

Notes— *Includes Southland Electric Power Supply. **Includes Mackenzie County Council purchased 1 April 1970. ***Includes 1,617 kWh free of charge. ****Includes 4,147,503 kWh free of charge. *Includes 3,707,086 kWh free of charge. **Includes 679,140 kWh free of charge. ***Includes 131,492 kWh free of charge. ****Includes 4,519,335 kWh free of charge. *Includes 348,640 kWh total free of charge. **Includes 8,929,969 kWh total free of charge. ***Includes 3,929,969 kWh total free of charge. ****Includes 47,600 kWh free of charge. *Includes 4,386,226 kWh total free of charge. **Includes 4,269,610 kWh total free of charge. ***Includes 5,193,335 kWh total free of charge. ****Includes 4,519,335 kWh total free of charge. *Also included with New Zealand Electricity Department. **Includes 348,640 kWh total free of charge. ***Includes 8,929,969 kWh total free of charge. ****Includes 4,519,335 kWh total free of charge. *Includes 348,640 kWh total free of charge. **Includes 8,929,969 kWh total free of charge. ***Includes 3,929,969 kWh total free of charge. ****Includes 47,600 kWh free of charge. *Includes 4,386,226 kWh total free of charge. **Includes 4,269,610 kWh total free of charge. ***Includes 5,193,335 kWh total free of charge. ****Includes 4,519,335 kWh total free of charge.

TABLE XIb—ANALYSIS OF INDUSTRIAL SALES (GROUPS 7-18 INCLUSIVE) BY TYPE OF SUPPLY AUTHORITY FOR THE YEAR ENDED 31 MARCH 1971—continued

No.	Type of Supply Authority	Industrial Sales												No.
		Group 14—Food, Beverage, and Tobacco Industries				Group 15—Manufacture of Textiles, Leather and Rubber Products, and Wearing Apparel				Group 18—Manufacture of Wood, Paper, and Pulp Products				
		Units Sold	Revenue	Revenue Per Unit Sold	Average Units Per Consumer	Units Sold	Revenue	Revenue Per Unit Sold	Average Units Per Consumer	Units Sold	Revenue	Revenue Per Unit Sold	Average Units Per Consumer	
1	New Zealand Electricity Department	kWh	\$	c	Number	kWh	\$	c	Number	kWh	\$	c	Number	kWh
2	Electric Power Boards	42,405,080	586,931	1.393	69	263,593	5,341	2.034	9	385,280,623	2,267,992	0.588	56	6,880,011
3	City Councils*	505,550,274	6,909,041	1.364	1,078	86,460,731	1,494,346	1.728	546	433,666,362	3,933,116	0.868	992	457,925
4	Borough Councils	92,104,444	1,375,383	1.493	309	66,549,693	1,035,812	1.556	288	10,480,432	247,214	2.359	310	33,808
5	County Councils	3,678,170	73,694	1.900	40	373,745	8,412	2.251	19	16,471,786	219,933	1.335	43	983,065
6	Government Departments*	44,214,310	613,698	1.388	**80	480,973	11,310	2.351	**11	14,430,433	203,640	1.411	**96	150,317
7	NEW ZEALAND ..	646,747,945	8,972,716	1.387	1,597	153,864,142	2,549,880	1.657	864	873,449,013	6,764,385	0.774	1,442	605,720

No.	Type of Supply Authority	Industrial Sales												No.
		Group 17—Other Manufacturing Industries not Classified Elsewhere				Group 18—Construction Works				Groups 7-18 (Inclusive)—Total Industrial Sales				
		Units Sold	Revenue	Revenue Per Unit Sold	Average Units Per Consumer	Units Sold	Revenue	Revenue Per Unit Sold	Average Units Per Consumer	Units Sold	Revenue	Revenue Per Unit Sold	Average Units Per Consumer	
1	New Zealand Electricity Department	kWh	\$	c	Number	kWh	\$	c	Number	kWh	\$	c	Number	kWh
2	Electric Power Boards	109,956	2,279	2.073	6	18,326	105,855	0.996	13	817,200	3,500,718	0.653	274	2,011,708
3	City Councils*	198,213,533	2,750,580	1.378	893	224,477	1,014,189	1.427	475	1,507,656,946	24,393,905	1.221	6,037	329,643
4	Borough Councils	26,955,973	471,247	1.748	257	104,687	75,300	1.760	409	505,431,380	4,822,248	1.502	2,317	131,822
5	County Councils	1,158,771	51,811	4.471	115	17,500	448	2.560	10	29,771,463	468,326	1.575	318	93,527
6	Government Departments*	6,976,237	81,673	1.171	18	387,569	57,036	1.312	**11	6,976,237	81,673	1.171	18	387,569
7	NEW ZEALAND ..	233,631,120	3,344,366	1.431	1,287	181,592	1,195,802	1.391	907	2,901,925,901	33,527,247	1.155	9,075	319,771

Notes— *Includes Southland Electric Power Supply. *Due to inadequate information Timaru City Council figures are excluded.

TABLE XII—AVERAGES DERIVED FROM PREVIOUS TABLES FOR THE YEAR ENDED 31 MARCH 1971

No.	Supply Authorities	Revenue from Sale of Energy						Cost of Energy			Cost of Transmission and Distribution				Total Annual Cost Per Unit Sold	Capital Charges Percent of Total Capital Expenditure	Loan Liability Percent 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 ¹)	Per Unit Sold (Non-domestic Supply ²)	Per Head of Population ³	Per Retail Consumer	Per Unit Generated	Per Unit Purchased	Per Unit Sold	Per Unit Sold—Maintenance	Per Unit Sold—Management and General	Per Unit Sold—Capital Charges	Per Unit Sold—Total						
1	New Zealand Electricity Department ⁴	0.768	0.859	1.323	0.751	\$	240.70	0.465	0.710	0.511	0.044	0.030	0.112	0.186	0.698	5.33	74.04	9.69	\$	1
1	Amethyst..	1.977	1.985	1.805	2.123		169.76	1.152	0.840	1.131	0.374	0.322	0.473	1.169	2.900	7.15	74.55	11.18	611.96	1
2	Ashburton ..	1.224	1.224	1.021	1.858		106.22	0.691	0.691	0.724	0.108	0.096	0.217	0.420	1.144	5.23	13.92	1.18	50.04	2
3	Auckland ..	1.219	1.219	1.028	1.392		144.78	0.775	0.811	0.811	0.117	0.073	0.208	0.398	1.209	8.87	23.24	1.96	64.67	3
4	Bay of Islands ..	1.451	1.451	1.224	1.756		113.51	0.661	0.661	0.735	0.282	0.100	0.338	0.720	1.455	6.38	42.53	1.70	176.33	4
5	Bay of Plenty ..	0.983	1.006	1.206	0.934		201.10	0.662	0.662	0.775	0.114	0.101	0.135	0.350	1.125	6.18	30.70	0.18*	134.22	5
6	Buller ..	1.263	1.263	1.376	1.222		141.31	0.481	0.701	0.732	0.160	0.112	0.180	0.452	1.184	6.29	40.54	7.52	129.76	6
7	Cambridge ..	1.296	1.339	1.639	1.879		103.72	0.791	0.791	0.871	0.132	0.142	0.096	0.370	1.241	3.88	3.88	5.23	129.76	7
8	Central Canterbury ..	1.309	1.309	1.059	1.515		177.76	0.724	0.724	0.769	0.067	0.165	0.172	0.404	1.173	5.16	38.91	11.00	176.48	8
9	Central Hawke's Bay ..	1.276	1.276	1.065	2.041		106.77	0.725	0.725	0.806	0.116	0.120	0.153	0.390	1.196	3.83	17.56	1.73	58.61	9
10	Central Waikato ..	1.395	1.395	1.146	1.792		122.89	0.775	0.775	0.842	0.114	0.129	0.202	0.445	1.287	6.25	25.54	8.57	72.68	10
11	Dannevirke ..	1.389	1.389	1.115	2.162		109.94	0.770	0.770	0.847	0.155	0.174	0.185	0.514	1.361	4.96	4.96	4.28	13.00	11
12	Egmont ..	1.322	1.322	0.955	1.876		119.58	0.144	0.726	0.798	0.241	0.175	0.226	0.442	1.239	8.84	4.63	6.97	13.00	12
13	Franklin ..	1.336	1.336	1.165	1.592		108.49	0.230	0.633	0.798	0.101	0.126	0.234	0.460	1.258	6.21	23.98	6.27	73.43	13
14	Golden Bay ..	0.851	0.851	1.102	1.803		182.17	0.230	0.633	0.648	0.065	0.065	0.078	0.222	0.871	4.47	21.54	2.97	81.78	14
15	Grey ..	1.430	1.430	1.117	1.803		97.23	0.766	0.766	0.822	0.194	0.241	0.164	0.599	1.432	4.11	21.54	2.97	1.93	15
16	Hawke's Bay ..	1.229	1.304	1.085	1.661		134.96	0.311	0.712	0.806	0.108	0.106	0.132	0.346	1.405	5.44	27.05	7.19	79.34	16
17	Horowhenua ..	1.413	1.413	1.162	1.970		109.05	0.760	0.760	0.825	0.174	0.132	0.275	0.452	1.118	7.94	37.88	2.31	74.52	17
18	Hutt Valley ..	1.377	1.377	1.073	1.888		168.12	0.835	0.706	0.876	0.151	0.123	0.158	0.432	1.308	6.61	32.37	6.24	94.26	18
19	King Country ..	1.279	1.279	0.969	1.480		160.81	0.290	0.765	0.686	0.089	0.073	0.242	0.404	1.090	7.03	41.69	18.76	257.15	19
20	Manawatu-Oroua ..	1.130	1.412	1.073	1.789		145.56	0.155	0.843	0.804	0.113	0.075	0.102	0.289	1.093	5.47	24.37	4.00	89.47	20
21	Marlborough ..	1.395	1.395	1.114	1.958		121.97	0.311	0.712	0.761	0.204	0.159	0.281	0.644	1.405	6.15	31.13	3.86	124.36	21
22	North Auckland ..	1.108	1.160	1.200	1.110		129.27	0.635	0.635	0.666	0.114	0.120	0.217	0.452	1.118	6.06	36.78	1.26	137.26	22
23	North Canterbury ..	1.169	1.362	1.200	1.691		104.29	0.330	0.706	0.749	0.146	0.093	0.112	0.353	1.102	4.11	25.77	8.32	81.33	23
24	Otago ..	1.352	1.352	1.117	1.738		107.18	0.155	0.729	0.822	0.141	0.098	0.210	0.450	1.272	4.36	18.44	9.07	70.38	24
25	Otago Central ..	1.213	1.216	1.060	1.532		111.86	0.155	0.843	0.553	0.183	0.156	0.222	0.560	1.114	5.03	28.53	15.93	140.12	25
26	Poverty Bay ..	1.481	1.481	1.164	2.221		102.70	534.906	0.799	0.896	0.896	0.213	0.142	0.287	1.538	6.06	47.13	2.25	154.77	26
27	South Canterbury ..	1.166	1.439	1.231	1.888		131.87	0.208	0.708	0.739	0.096	0.069	0.124	0.289	1.028	4.49	33.03	12.10	139.74	27
28	Taranaki ..	1.203	1.203	0.940	1.541		116.79	0.208	0.643	0.645	0.125	0.131	0.171	0.428	1.073	4.45	20.73	12.20	71.99	28
29	Tairāpiti ..	1.670	1.391	2.384	1.941		108.22	0.330	0.722	0.810	0.175	0.187	0.283	0.645	1.454	5.54	20.73	14.02	68.53	29
30	Tairāpiti ..	1.452	1.452	1.244	1.941		115.24	0.385	0.719	0.778	0.249	0.112	0.298	0.659	1.437	7.48	59.28	2.09	107.16	30
31	Te Awamutu ..	1.199	1.199	1.003	1.556		98.38	0.385	0.719	0.756	0.144	0.106	0.209	0.459	1.215	6.32	11.63	0.11	31.50	31
32	Thames Valley ..	1.026	1.038	1.179	0.981		166.38	0.340	0.670	0.697	0.112	0.067	0.138	0.317	1.014	8.32	38.03	2.95	107.54	32
33	Waimea ..	1.125	1.307	0.998	2.034		101.41	0.340	0.733	0.770	0.116	0.079	0.104	0.299	1.069	4.41	33.84	8.41	66.70	33
34	Waipara ..	1.519	1.519	1.264	2.048		138.64	0.385	0.759	0.812	0.165	0.242	0.225	0.633	1.445	5.79	45.00	7.71	159.87	34
35	Waurea ..	1.407	1.712	1.591	2.224		99.98	0.385	0.840	0.579	0.352	0.174	0.364	0.890	1.469	6.40	42.43	0.91	283.95	35
36	Wauroa ..	1.102	1.322	1.169	1.563		81.70	0.352	0.768	0.812	0.105	0.110	0.150	0.365	1.177	5.03	20.34	2.98	62.21	36
37	Waikato ..	1.421	1.444	1.447	2.004		136.86	0.352	0.760	0.816	0.105	0.067	0.260	0.517	1.333	7.45	33.68	7.71	118.55	37
38	Waitemata ..	1.468	1.468	1.216	2.151		106.14	7.064	0.857	0.911	0.195	0.098	0.213	0.506	1.417	7.05	39.54	3.68	86.30	38
39	Waikato ..	1.424	1.424	1.117	1.923		114.50	0.352	0.743	0.837	0.170	0.126	0.208	0.584	1.421	5.00	36.19	2.95	153.71	39
40	Wanganui-Rangitikei ..	1.340	1.354	1.070	1.934		114.08	0.352	0.764	0.841	0.145	0.120	0.210	0.475	1.316	6.16	35.31	6.52	103.67	40
41	Westland ..	1.646	1.742	1.375	2.088		127.47	0.450	0.840	0.622	0.340	0.346	0.201	0.886	1.508	6.41	57.94	11.75	208.33	41
		1.265	1.297	1.109	1.528		131.32	0.304	0.754	0.795	0.137	0.104	0.198	0.429	1.223	6.57	30.47	5.02	95.39	

(For notes see page 29.)

No.	Supply Authorities	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—Capital Charges	Per Unit Sold—Total	Total Annual Cost—Per Unit Sold	Capital Charges Percent of Total Capital Expenditure	Liability Percent of Total Capital Expenditure	Share of Total Revenue	Loss Liability Per Consumer	No.
1	Christchurch	1.548	1.848	1.093	2.012	50.93	147.22	0.713	0.859	0.231	0.429	1.331	8.14	20.87	1.96	64.63	1
2	Dunedin	1.201	1.321	0.933	1.841	49.10	151.75	0.713	0.566	0.249	0.259	1.199	7.55	17.32	1.96	89.27	2
3	Hamilton	1.704	1.704	1.125	2.242	43.78	150.92	0.713	0.859	0.064	0.227	1.086	3.15	0.64	36.31	1.52	3
4	Invercargill	1.358	1.450	1.007	1.815	39.41	118.07	0.713	0.825	0.087	0.322	1.195	3.15	17.20	14.79	41.48	4
5	Napier	1.553	1.553	1.159	1.974	36.69	143.85	143.448	0.794	0.178	0.336	1.300	5.51	37.77	14.13	112.82	5
6	Nelson	1.450	1.450	0.934	2.323	35.92	130.20	0.330	0.778	0.081	0.399	1.263	3.47	5.26	13.83	10.69	6
7	New Plymouth	1.205	1.205	0.917	1.650	41.10	117.19	0.330	0.704	0.076	0.342	1.087	3.70	5.26	12.06	10.69	7
8	Palmerston North	1.204	1.204	0.946	2.072	40.40	113.24	0.890	0.822	0.110	0.217	1.088	2.46	16.15	16.15	642.28	8
9	Tairānua	1.175	1.175	0.700	1.676	32.45	115.42	0.267	0.693	0.126	0.268	0.819	4.95	91.11	31.96	17.54	9
10	Timaru	1.359	1.359	1.085	1.926	37.92	130.99	0.782	0.782	0.110	0.330	1.128	4.95	8.16	17.64	17.54	10
11	Wellington	1.440	1.440	0.967	2.076	34.72	153.39	0.906	0.863	0.159	0.436	1.342	5.52	36.45	8.78	111.96	11
12	Whangarei	1.462	1.462	0.939	2.264	27.94	125.60	0.916	0.916	0.133	0.355	1.351	9.03	1.72	7.65	2.18	12
		1.361	1.361	0.996	1.981	26.40	141.88	0.615	0.795	0.178	0.421	1.256	6.40	22.30	9.36	70.33	
	Borough Councils	1.610	1.610	1.464	1.743	50.93	114.85	0.916	0.916	0.046	0.551	1.563	1.72	1.80	3.97	3.44	1
1	Bluff	1.265	1.265	1.112	1.734	49.10	116.90	0.707	0.707	0.187	0.402	1.226	10.61	2.84	7.30	4.62	2
2	Kanpai	1.451	1.451	1.029	2.190	43.78	124.61	0.707	0.707	0.102	0.507	1.388	4.62	23.44	11.25	49.54	3
3	Lytelton	1.980	1.980	1.115	2.329	36.69	117.57	0.799	0.799	0.115	0.409	1.254	4.62	23.44	11.25	49.54	4
4	Riccarton	1.298	1.298	0.855	1.862	35.92	163.56	0.845	0.845	0.060	0.346	1.192	4.15	20.71	9.07	37.97	5
5	Taihape*	1.639	1.639	1.109	2.795	37.92	89.79	0.702	0.702	0.039	0.346	1.183	1.66	29.24	30.00	112.24	6
6	Taurarunui	1.608	1.608	1.132	2.408	40.40	149.63	0.922	0.922	0.082	0.364	1.513	5.58	29.24	11.72	12.24	7
7	Taupo	1.993	1.993	1.146	2.719	32.45	135.40	0.252	0.799	0.225	0.535	1.187	6.32	60.01	16.32	258.64	8
8	Te Aroha	1.353	1.353	1.150	1.707	37.92	104.38	0.874	0.874	0.054	0.304	1.236	3.49	4.41	10.33	4.32	9
9	Thames	1.292	1.292	1.133	1.528	34.72	113.90	0.810	0.810	0.063	0.238	1.012	5.70	4.41	15.36	4.32	10
10	Waikato	1.369	1.369	1.307	1.512	32.45	109.45	0.864	0.864	0.110	0.262	1.206	4.15	17.66	11.99	41.16	11
11	Whakane	1.513	1.513	1.111	2.434	27.94	132.64	0.803	0.803	0.113	0.384	1.257	4.24	31.69	17.31	75.09	12
		1.406	1.406	1.105	1.902	26.40	128.14	0.371	0.830	0.116	0.399	1.242	5.31	31.69	13.11	75.09	
	County Councils	1.120	1.120	1.007	1.267	50.93	169.45	0.791	0.791	0.127	0.301	1.124	10.00	13.54	9.98	25.97	1
1	Heathcote	1.546	1.546	1.512	1.609	43.78	102.20	0.779	0.779	0.228	0.649	1.527	5.65	11.22	2.33	29.89	2
2	Kaikoura	1.218	1.218	1.135	1.336	36.69	141.91	0.788	0.788	0.150	0.382	1.218	7.87	12.40	9.51	27.56	
	Government Departments	1.430	1.430	1.028	2.128	34.72	119.49	0.806	0.806	0.196	0.515	1.404	7.13	75.53	4.51	173.69	1
1	Rotorua Electric Supply	1.260	1.522	1.461	1.596	32.45	135.92	0.779	0.779	0.228	0.649	1.527	5.65	11.22	2.33	29.89	2
2	Southland Electric Power Supply*	1.308	1.486	1.279	1.776	27.94	129.31	0.779	0.779	0.228	0.649	1.527	5.65	11.22	2.33	29.89	
	Averages for all supply authorities	1.308	1.486	1.279	1.776	34.72	136.26	0.465	0.920*	0.298*	0.613*	1.156*	6.00	62.03	7.58*	..	..
	GRAND TOTALS	1.294	1.294	1.085	1.559	37.92	131.82	0.459	0.701*	0.302*	0.582*	1.119*	6.14	63.87	9.57*	..	..
	1970	1.302	1.302	1.091	1.586	49.10	125.97	0.417	0.682*	0.310*	0.583*	1.070*	6.15	65.31	12.20*	..	..
	1969	1.215	1.215	1.021	1.479	43.78	118.54	0.390	0.537*	0.300*	0.562*	1.020*	5.92	65.19	11.14*	..	..
	1968	1.116	1.116	0.939	1.368	39.41	107.95	0.476*	0.648*	0.300*	0.562*	0.919*	5.48	65.14	12.15*	..	..
	1967	1.096	1.096	0.930	1.334	36.69	101.94	0.476*	0.648*	0.300*	0.562*	0.919*	5.60	65.50	11.65*	..	..
	1966	1.039	1.039	0.923	1.337	35.92	95.72	0.476*	0.648*	0.300*	0.562*	0.919*	5.70	66.95	11.29*	..	..
	1965	1.103	1.103	0.919	1.360	32.45	91.63	0.521*	0.521*	0.369*	0.920*	0.920*	5.71	68.95	11.29*	..	..
	1964	1.121	1.121	0.926	1.398	27.94	84.75	0.369*	0.369*	0.369*	0.920*	0.920*	5.72	71.63	11.26*	..	..
	1963	1.117	1.117	0.907	1.422	27.94	80.14	0.369*	0.369*	0.369*	0.920*	0.920*	5.72	73.42	8.95*	..	..
	1962	1.117	1.117	0.907	1.420	26.40	76.26	0.957*	0.957*	0.957*	0.957*	0.957*	5.68	74.76	8.94*	..	..

Notes—*Also shown in table XI. *Retail sales. *Includes Southland Electric Power Supply. *Power purchased from laundry private plants. *Purchased by Wanganui-Rangitikei Electric Power Board 1 October 1970. *Also included with New Zealand Electricity Department. *Net costs divided by retail units. *Includes Mackenzie County Council purchased 1 April 1970. *Net surplus.

TABLE XIII—STATISTICS OF POPULATION, TOTAL CONSUMERS, ELECTRIC RANGES AND WATER-HEATERS, STAFF EMPLOYED, FOR THE YEAR ENDED 31 MARCH 1971

No.	Supply Authorities	Population Included in Area of Supply	Total Number of Consumers	Ratio of Total Number of Consumers to Population	Electric Ranges			Electric Water-heaters			Consumers Per Route-mile of Line	Staff Employed	No.
					Domestic	Total	Ratio, Number of Domestic Ranges to Number of Domestic Consumers	Domestic	Total	Ratio, Number of Domestic Water-heaters to Number of Domestic Consumers			
1	NEW ZEALAND ELECTRICITY DEPARTMENT ^a	..	26,912	..	..	..	..	..	..	..	..	..	..
	POWER BOARDS												
1	Amethyst ..	..	528	..	213	227	63.39	213	299	63.39	4.19	12	1
2	Ashburton ..	..	11,090	..	7,331	7,412	86.33	10,149	11,118	119.51	6.83	94	2
3	Auckland ..	..	168,002	..	117,777	117,777	82.73	128,369	128,369	90.17	52.73	907	3
4	Bay of Islands ..	..	13,592	..	8,429	8,727	85.12	7,829	10,081	79.06	5.05	110	4
5	Bay of Plenty ..	..	10,888	..	6,446	6,516	78.80	6,387	7,522	78.08	11.55	143	5
6	Buller ..	..	3,346	..	1,231	1,280	46.31	971	1,242	36.53	8.71	35	6
7	Cambridge ..	..	4,425	..	2,965	3,030	91.19	3,324	3,392	102.15	8.10	27	7
8	Central Canterbury ..	..	15,795	..	11,119	11,219	91.61	11,056	12,185	91.09	8.37	159	8
9	Central Hawke's Bay ..	..	6,105	..	4,651	4,691	103.26	4,538	4,621	100.75	4.99	37	9
10	Central Waikato ..	..	29,205	..	20,526	20,999	86.21	20,305	22,763	85.28	10.65	196	10
11	Dannevirke ..	..	5,647	..	3,796	3,902	94.99	3,614	4,179	90.44	9.52	53	11
12	Egmont ..	..	11,420	..	7,138	7,205	91.84	7,179	9,504	92.37	13.23	80	12
13	Franklin ..	..	15,065	..	9,490	9,506	92.16	9,476	11,210	92.03	12.73	105	13
14	Golden Bay ..	..	2,274	..	962	989	70.01	1,095	1,142	79.69	6.64	22	14
15	Grey ..	..	7,073	..	4,284	4,326	75.09	3,258	3,555	57.11	13.58	60	15
16	Hawke's Bay ..	..	30,496	..	24,336	24,766	94.15	23,111	24,662	89.41	13.31	240	16
17	Horowhenua ..	..	21,339	..	15,002	15,495	81.63	15,503	16,892	84.36	14.92	140	17
18	Hutt Valley ..	..	58,699	..	48,506	48,934	92.22	50,869	52,581	96.71	31.68	423	18
19	King Country ..	..	6,865	..	3,868	3,952	74.70	3,610	3,782	69.72	5.00	46	19
20	Manawatu-Oroua ..	..	15,669	..	10,553	10,737	92.95	10,789	12,219	95.03	9.53	136	20
21	Marlborough ..	..	10,848	..	6,902	6,972	81.54	7,422	7,830	87.68	11.01	107	21
22	North Auckland ..	..	19,546	..	13,972	14,158	96.54	12,841	16,821	88.73	5.46	183	22
23	North Canterbury ..	..	9,848	..	6,020	6,193	84.90	6,318	6,985	89.10	5.52	93	23
24	Otago ..	..	13,005	..	5,814	6,025	61.33	5,876	6,142	61.98	5.17	89	24
25	Otago Central ..	..	7,656	..	4,651	5,300	75.44	4,571	5,179	74.14	6.66	125	25
26	Poverty Bay ..	..	19,577	..	11,023	11,471	77.77	10,849	11,766	76.55	13.41	161	26
27	South Canterbury ^a ..	..	13,407	..	8,704	8,910	73.53	8,072	8,527	68.19	9.00	103	27
28	Taranaki ..	..	12,074	..	7,341	7,574	88.12	7,004	8,909	84.07	11.79	96	28
29	Tararua ..	..	4,515	..	2,700	2,723	89.79	2,546	2,971	84.67	6.05	33	29
30	Tauranga ..	..	20,330	..	15,604	15,604	93.28	14,625	16,280	87.42	10.93	176	30
31	Tc Awamutu ..	..	8,214	..	5,387	5,548	95.48	5,066	6,472	89.79	13.78	43	31
32	Thames Valley ..	..	38,174	..	23,326	23,889	93.98	21,588	28,911	86.98	8.98	250	32
33	Waimea ..	..	16,371	..	11,894	12,000	89.55	12,294	12,858	83.30	8.30	122	33
34	Waikarapa ..	..	14,898	..	11,914	12,173	103.83	11,455	12,285	99.83	9.63	141	34
35	Waitema ..	..	1,968	..	1,156	1,176	89.63	1,368	1,391	106.13	3.22	24	35

(For missing see page 52.)

No.	Supply Authorities	Population Included in Area of Supply	Total Number of Consumers ¹	Ratio of Number of Consumers to Population	Electric Ranges		Electric Water-heaters		Consumers Per Route-mile of Line	Staff Employed	No.		
					Domestic	Total	Domestic	Total					
36	Wairoa	..	3,043	Percent	Number	Percent	Number	Number	5.38	24	36		
37	Wairaki	..	9,615	Supplementary return will be published when population in each area of supply figures become available.	1,593	68.25	1,675	67.74	8.69	97	37		
38	Waitemata	..	81,294		7,163	93.28	7,524	7,466	88.71	18.36	459	38	
39	Waitemata	..	7,674		58,970	83.23	58,970	62,164	87.74	6.49	69	39	
40	Wanganui-Rangitikei	..	26,787		4,808	90.91	4,963	4,688	88.64	11.55	179	40	
41	Westland	..	2,296		17,486	82.92	17,713	19,295	84.81	13.27	47	41	
			773,663		1,054	59.95	1,101	980	55.74	12.43	5,646		
					536,105	86.00	543,333	547,649	87.85				
1	Christchurch	..	82,663		Supplementary return will be published when population in each area of supply figures become available.	66,750	89.16	68,408	71,256	96.04	34.41	569	1
2	Dunedin	..	42,500			26,976	72.65	26,976	31,855	87.24	38.81	398	2
3	Hamilton	..	10,194			5,025	65.80	5,295	6,173	80.83	35.40	53	3
4	Invercargill	..	13,933	6,975		57.58	7,285	7,108	58.68	58.05	73	4	
5	Napier	..	5,495	3,017		70.36	3,161	3,591	83.74	47.37	92	5	
6	Nelson	..	6,673	3,124		59.78	3,240	4,967	95.04	69.51	57	6	
7	New Plymouth	..	16,899	10,550		76.48	11,514	12,447	90.23	28.26	155	7	
8	Palmerston North	..	15,848	10,635		79.75	10,945	12,494	93.69	40.22	88	8	
9	Tauranga	..	3,216	1,924		91.79	2,097	2,015	96.14	32.82	27	9	
10	Timaru	..	8,176	5,104		75.28	5,335	5,585	82.37	53.44	56	10	
11	Wellington	..	51,816	20,837	49.69	20,837	35,093	83.69	56.69	318	11		
12	Whangarei	..	6,413	4,889	96.58	5,017	4,787	94.57	46.47	33	12		
			263,826	165,356	74.16	170,110	197,371	88.52	40.39	1,919			
1	Bluff	..	1,145	Supplementary return will be published when population in each area of supply figures become available.	454	50.67	470	262	29.24	57.25	13	1	
2	Kaipoi	..	1,244		959	87.66	977	991	90.58	44.43	9	2	
3	Lytelton	..	1,310		959	91.51	991	918	87.59	56.96	8	3	
4	Rangiora	..	1,877		1,542	94.95	1,579	1,633	96.06	55.21	17	4	
5	Riccarton	..	3,055		2,236	84.19	2,287	2,487	93.64	42.43	33	5	
6	Taihape ⁴	..	984		512	67.19	533	536	70.34	42.78	8	6	
7	Taumarunui	..	1,607		871	69.90	940	850	68.22	36.52	9	7	
8	Taupo	..	5,225		3,759	88.43	4,123	3,885	91.39	12.04	39	8	
9	Te Aroha	..	1,377		856	79.33	900	910	84.34	28.69	6	9	
10	Thames	..	2,293		1,787	94.65	1,817	1,838	97.35	42.46	11	10	

(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 1971—continued

No.	Supply Authorities	Population Included in Area of Supply	Total Number of Consumers ¹	Ratio of Total Number of Consumers to Population	Electric Ranges			Electric Water-heaters			Consumers Per Route-mile of Line	Staff Employed	No.
					Domestic	Total	Ratio, Number of Domestic Ranges to Number of Domestic Consumers	Domestic	Total	Ratio, Number of Domestic Water-heaters to Number of Domestic Consumers			
11	Borough Councils—continued												
12	Wairoa	Number	1,989	Percent	1,499	1,482	93.68	1,387	1,482	91.25	43.24	8	11
	Whakatane		2,957		2,464	2,510	99.20	2,399	2,510	100.33	38.40	16	12
			25,063		18,580	19,189	88.68	18,023	19,189	88.11	27.76	177	
1	County Councils	Number	1,879	Percent	1,722	1,763	97.93	1,709	1,763	98.33	16.48	11	1
2	Heathcote		1,300		700	775	70.72	663	775	70.08	11.61	13	2
	Kaikoura		3,179		2,422	2,538	88.34	2,372	2,538	88.38	14.07	24	
1	Government Departments	Number	16,934	Percent	13,280	13,317	85.53	12,021	13,317	81.33	16.01	84	1
2	Rotorua Electric Supply		25,164		15,263	14,598	73.85	13,623	14,598	69.49	5.61	259	2
	Southland Electric Power Supply ⁵		42,098		28,543	27,915	78.87	25,624	27,915	74.52	7.59	343	
	GRAND TOTALS		1,109,577		764,758	851,296	82.87	792,823	851,296	87.55	13.50	12,606	

Total population of Dominion as at 1 April 1971 was *.

Ratio of population in area of supply to total population of Dominion = * percent.

Mean population of Dominion as at 1 April 1971 was *.

Notes—¹For detailed analysis see table XI.

²Includes Southland Electric Power Supply.

³Includes Mackenzie County Council purchased 1 April 1970.

⁴Purchased by Wanganui-Rangitikei Electric Power Board 1 October 1970.

⁵Population figures not available at time of going to print.

Part XIV—STATISTICS RELATING TO ELECTRICIANS REGISTRATION BOARD, YEAR ENDED 31 MARCH 1971

(The figures in parentheses are for the previous year)

Number of board meetings: 21 (11)

Registrations—
 Inspectors
 Electrical technicians
 Electricians
 Electrical mechanics
 Electrical servicemen
 Electrical (radio) servicemen
 Radio mechanics
 Limited Registration*
 Provisional licences
 Limits to assist
 Applications for ruling on experience

	During Year	Total Registration	Current
	41 (50)	1,235 (1,193)	584 (583)
	1,165	1,165	1,164
	536 (653)	13,145 (12,609)	11,111 (11,802)
	298	298	289
	0 (10)	539 (539)	225 (451)
	145 (232)	2,866 (2,721)	2,787 (2,647)
	9	9	7
	289 (375)	4,313 (4,024)	3,605 (3,421)
	394 (728)	7,949 (7,555)	
	346 (240)	2,767 (2,421)	
	150 (156)		

Examinations: 2 examinations were held.

Examinations—
 Electricians and electrical fitters theory paper
 Electricians and electrical fitters regulations paper
 Electricians and electrical fitters practical (two examinations)
 Radio servicemen and limited registration, written
 Limited registration practical (two examinations)

	Candidates	Passed, Percentage	Highest Marks
	812 (784)	65 (55)	95 (94)
	643 (678)	72 (83)	100 (100)
	620 (718)	77 (79)	94 (96)
	670 (605)	79 (82)	98 (99)
	627 (357)	68 (79)	92 (94)

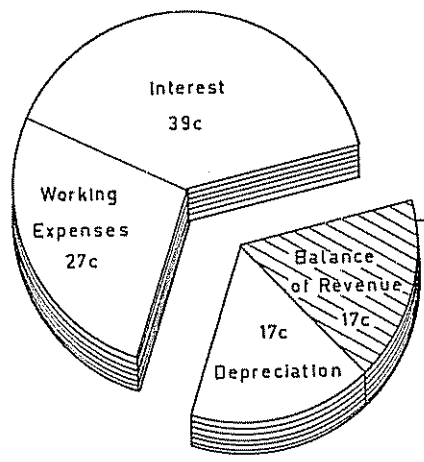
Offences of Act and defective work—
 Defective work reports, 4 (3); endorsements removed, nil (nil); endorsements made, nil (nil).
 Breaches of Act reports, 10 (7); prosecutions authorised 1 (1).
 Appeals, nil (nil).
 Suspension, nil (1).

*Includes assembly and repair of calculating machines and like office appliances, 32; Cable jointing work, 10; Servicing of electrical appliances, 68; Post Office technician, 11; Post Office telephone exchange technician, 49; Post Office telegraph technician, 8; New Zealand Broadcasting Corporation, 23; Civil extended limits, 5; Refrigeration serviceman, 16; Portable domestic appliances, 6; Assembly and repair of electrical instruments and process control equipment, 53; Assembly and repair of automatic telephone and impulse signalling equipment, 3; Radio interference suppression, 1.

**N.Z. ELECTRICITY DEPT. ONLY
 TOTAL REVENUE 1970-71
 How each dollar of revenue is spent**

TOTAL REVENUE

Working expenses	\$m
Depreciation	25.65
Interest	36.31
Balance of revenue	15.53
Total	77.49
Less: Depreciation	16.48
Balance of revenue	93.97



CAPITAL EXPENDITURE

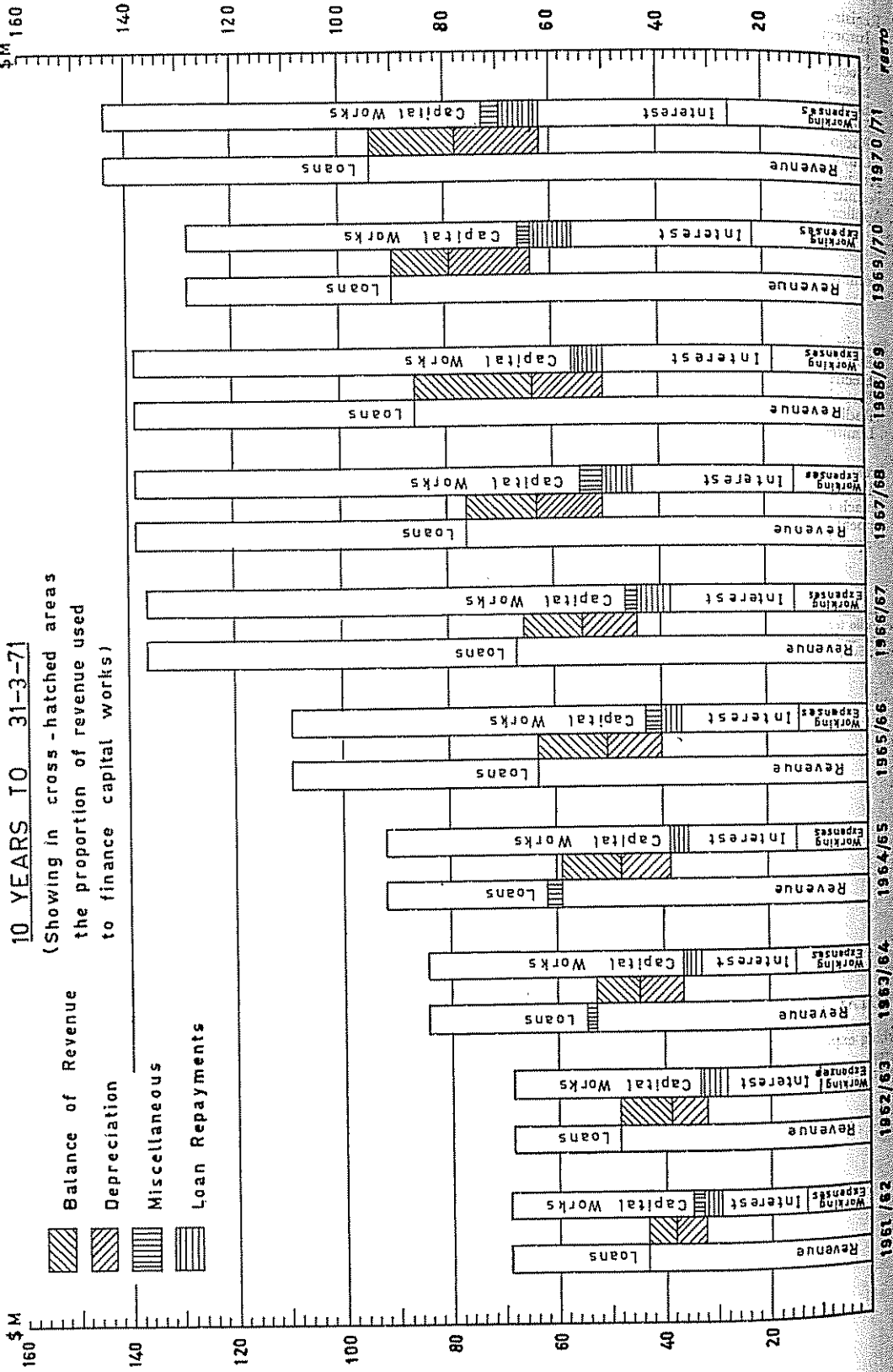
From revenue—	\$m
Depreciation	15.53
Balance of revenue	16.48
Less loans repaid	7.37
Total from revenue	24.64
Less adjustments	3.75
Total from revenue after adjustments	20.89
From loans	49.11
Total Capital Expenditure	70.00

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Section 34, Electricity Act 1968, requires the bulk price to be so calculated in respect of the period for which prices are charged to produce 25 percent and not exceeding 50 percent more than the total estimated working expenses, interest, and depreciation. The amount resulting (cross hatched area above) is credited to the General Reserve Account from which loan repayments are made. The percentage fixed since 1.9.67, by the Minister of Electricity and the Minister of Finance after consultation with the Electrical Authorities Association in accordance with the Act, is 50 percent. The actual balance of revenue this year of \$16.48 million is 20 percent of the working expenses, interest, and depreciation costs of \$77.49 million.

NZ. ELECTRICITY DEPT. ONLY

TOTAL RECEIPTS & PAYMENTS



AMENDMENTS

Annual Statistics in Relation to Electric Power Development and Operation—Year Ended 31 March 1968

The following amendments are necessary in the 1967-68 annual statistics:

Page 18—Table X (Part 1):

Sundry Creditors—	
Item 17, amend to read	\$ 297,391
Sub-total, amend to read	\$15,938,842
Loans Repaid Reserve—	
Item 17, amend to read	\$ 1,667,543
Sub-total amend to read	\$76,208,547
Capital Expenditure from Revenue—	
Item 17, amend to read	\$ 1,313,568
Sub-total, amend to read	\$48,942,577
Sinking Fund Reserve and Reserve for Future Loan Repayment—	
Item 17, amend to read	\$ 312,078
Sub-total, amend to read	\$ 4,060,737

Page 19—Table X (Part 1):

Sundry Creditors—	
Grand Total, amend to read	\$28,883,474
Loans Repaid Reserve—	
Grand Total, amend to read	\$136,541,318
Capital Expenditure from Revenue—	
Grand Total, amend to read	\$76,783,338
Sinking Fund Reserve and Reserve for Future Loan Repayment—	
Grand Total, amend to read	\$7,923,850

Annual Statistics in Relation to Electric Power Development and Operation—Year Ended 31 March 1969

The following amendments are necessary in the 1968-69 annual statistics:

Page 18—Table X (Part 1):

Sundry Creditors—	
Item 17, amend to read	\$ 405,002
Sub-total, amend to read	\$16,246,372
Loans Repaid Reserve—	
Item 17, amend to read	\$ 1,845,023
Sub-total, amend to read	\$84,438,610
Capital Expenditure from Revenue—	
Item 17, amend to read	\$ 1,540,715
Sub-total, amend to read	\$54,489,077
Sinking Fund Reserve and Reserve for Future Loan Repayments—	
Item 17, amend to read	\$ 272,833
Sub-total, amend to read	\$ 4,123,684

Page 19—Table X (Part 1):

Gross Loan Liability—	
Grand Total, amend to read	\$768,025,463
Sundry Creditors—	
Grand Total, amend to read	\$28,522,302
Loans Repaid Reserve—	
Grand Total, amend to read	\$99,331,822
Capital Expenditure from Revenue—	
Grand Total, amend to read	\$84,541,880
Sinking Fund Reserve and Reserve for Future Loan Repayment—	
Grand Total, amend to read	\$8,106,302