

NEW ZEALAND

ANNUAL STATISTICS IN RELATION TO  
ELECTRIC POWER DEVELOPMENT AND OPERATION  
YEAR ENDED 31 MARCH 1961

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

No.			Water	Steam	Oil	Total	No.
1	Generating stations .. .. .	No.	42	4	11	57	1
2	Installed capacity .. .. .	kW	1,253,488	297,895	14,384	1,565,767	2
3	Generation .. .. .	kWh	5,511,507,701	1,322,685,206	351,645	6,834,544,552	3
4	Maximum load .. .. .	kW	..	..	..	1,374,800	4
5	Retail sales .. .. .	kWh	..	..	..	5,683,547,440	5
6	Consumers .. .. .	No.	..	..	..	831,924	6
7	Population .. .. .	No.	..	..	..	2,414,064	7
8	Capital outlay, generation, transmission, and distribution .. .. .	£	..	..	..	302,803,151	8
9	Revenue retail sales of electricity .. .. .	£	..	31,722,325	..	..	9
10	Revenue from other sources .. .. .	£	..	684,977	..	..	10
11	Total revenue .. .. .	£	..	..	..	32,407,302	11
12	Working costs .. .. .	£	..	11,458,532	..	..	12
13	Capital charges .. .. .	£	..	16,760,822	..	..	13
14	Total costs .. .. .	£	..	..	..	28,219,354	14
15	Net profit .. .. .	£	..	..	..	4,187,948	15
16	Working costs per kWh sold retail .. .. .	d.	..	0.4839	..	..	16
17	Capital charges per kWh sold retail .. .. .	d.	..	0.7078	..	..	17
18	Total costs per kWh sold retail .. .. .	d.	..	..	..	1.1917	18
19	Total revenue per kWh sold retail .. .. .	d.	..	..	..	1.3685	19
20	Revenue retail sales of electricity per kWh sold retail .. .. .	d.	..	..	..	1.3395	20
21	Generation per head of total population .. .. .	kWh	..	..	..	2,831	21
22	Retail sales per consumer .. .. .	kWh	..	..	..	6,832	22
23	Capital outlay per kW installed capacity .. .. .	£	..	..	..	192.02	23
24	Ratio of capital charges to capital outlay .. .. .	%	..	..	..	5.535	24
25	Electrical fires reported during year .. .. .	No.	..	..	..	170	25
26	Fatal electrical accidents during year .. .. .	No.	..	..	..	21	26
27	Electric ranges .. .. .	No.	..	..	..	487,838	27
28	Electric water heaters .. .. .	No.	..	..	..	551,397	28

TABLE I—NEW ZEALAND ELECTRICITY DEPARTMENT ONLY

Summarised Gross Revenue, Net Revenue, and Appropriation Accounts for Year Ended 31 March 1961

	£	Revenue—	£
Working costs .. .. .	5,482,336	Sales of energy .. .. .	18,191,079
Capital charges—		Rents and miscellaneous receipts .. .. .	134,353
Interest .. .. .	7,848,503		
Depreciation .. .. .	2,835,903		
Loan capital repayments .. .. .	1,206,950		
	11,891,356		
Total costs (see table IV) .. .. .	17,373,692		
Transfer to Reserve Fund .. .. .	951,740		
	18,325,432		18,325,432

TABLE II—NEW ZEALAND ELECTRICITY DEPARTMENT ONLY

Summarised Balance Sheet as at 31 March 1961

	£		£
Loan liability .. .. .	188,880,363	Completed works .. .. .	176,481,068
Sundry creditors, etc. .. .. .	1,782,878	Works under construction .. .. .	37,665,600
Reserves—		Plant, motor vehicles, and tools .. .. .	914,198
Depreciation .. .. .	22,216,254	.. .. .	2,507,022

TABLE III—OPERATING RESULTS: NEW ZEALAND ELECTRICITY DEPARTMENT ONLY

	1960-61		1960-61
<b>Maximum load (kilowatts)—</b>		<b>Revenue—</b>	
North Island† .. .. .	940,700	Per kW of maximum load .. .. .	£13·8874
South Island† .. .. .	369,200	Per unit output .. .. .	0·664d.
	*1,309,900	Per unit sold .. .. .	0·732d.
<b>Average load (kilowatts)—</b>		<b>Working costs—(including administration)—</b>	
North Island .. .. .	538,801	Per kW of maximum load .. .. .	£4·1853
South Island .. .. .	211,911	Per unit output .. .. .	0·200d.
<b>Average load factor—</b>	Per Cent	Per unit sold .. .. .	0·221d.
North Island .. .. .	57·28	<b>Capital charges—</b>	
South Island .. .. .	57·40	Per kW of maximum load .. .. .	£9·0781
<b>Unit output (generated and purchased)—</b>		Per unit output .. .. .	0·434d.
North Island .. .. .	4,719,899,316	Per unit sold .. .. .	0·478d.
South Island .. .. .	1,856,343,824	<b>Total costs—</b>	
Total .. .. .	6,576,243,140	Per kW of maximum load .. .. .	£13·2634
<b>Units sold—</b>		Per unit output .. .. .	0·634d.
North Island .. .. .	4,322,316,582	Per unit sold .. .. .	0·699d.
South Island .. .. .	1,644,369,473		
Total .. .. .	5,966,686,055		
<b>Units unsold (used free of charge)—</b>			
North Island .. .. .	30,155,129		
South Island .. .. .	24,385,966		
Total .. .. .	54,541,095		
<b>Line losses—</b>			
Transmission and distribution— Units	Per Cent		
North Island .. .. .	367,427,605	7·78	
South Island .. .. .	187,588,385	10·11	
Total .. .. .	555,015,990	8·44	

\*Sum of North and South Island maximum loads - not simultaneous maximum demand.

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

TABLE IV—NEW ZEALAND ELECTRICITY DEPARTMENT ONLY  
Analysis of Operating Costs for Year Ended 31 March 1961

	(a) Working Costs	(b) Administration Costs	(c) Capital Charges	(d) Total Costs	Total Cost per kWh	
					(e) Output	(f) Sold
Hydro-electric stations .. .. .	£805,028	£331,413	£6,510,363	£7,646,804	0·3534	d.
Thermal stations .. .. .	2,176,826	225,689	2,257,090	4,659,605	0·8529	d.
Power purchases .. .. .	227,194	4,544		231,738	0·7765	d.
<b>Generated and purchased .. .. .</b>	<b>3,209,048</b>	<b>561,646</b>	<b>8,767,453</b>	<b>12,538,147</b>	<b>0·4576</b>	<b>0·5044</b>
Transmission .. .. .	352,322	145,044	1,457,823	1,955,189	0·0714	0·0786
Substations .. .. .	505,879	208,260	1,434,372	2,148,511	0·0784	0·0864
Communications .. .. .	67,001	27,583	67,978	162,562	0·0059	0·0065
Retail distribution .. .. .	103,451	110,170	163,730	377,351	0·0138	0·0152
System operation .. .. .	135,960	55,972		191,932	0·0070	0·0077
<b>Totals .. .. .</b>	<b>4,373,661</b>	<b>1,108,675</b>	<b>11,891,356</b>	<b>17,373,692</b>	<b>0·6341</b>	<b>0·6988</b>
Administration (see column b) .. .. .	1,108,675					
	5,482,336	<b>SUMMARY</b>				
		Working costs .. .. .	4,373,661	0·1596	0·1759	
		Administration costs .. .. .	1,108,675	0·0405	0·0446	
		Capital charges .. .. .	11,891,356	0·4340	0·4783	
		<b>Total costs .. .. .</b>	<b>17,373,692</b>	<b>0·6341</b>	<b>0·6988</b>	

TABLE V—NEW ZEALAND ELECTRICITY DEPARTMENT ONLY  
Analysis of Capital Outlay as at 31 March 1961

	Headworks	Station Buildings and Villages	Generating Plant and Machinery	Total	Grand Total
<b>Completed Works</b>					
<b>Hydro-electric stations—</b>	£	£	£	£	£
Karapiro .. .. .	2,574,402	603,356	954,752	4,132,510	
Arapuni .. .. .	1,525,698	555,998	1,095,952	3,177,648	
Maraetai .. .. .	6,087,326	1,669,825	1,741,287	9,498,438	
Whakamatu .. .. .	6,941,861	1,326,890	2,224,024	10,492,775	
Atiamuri .. .. .	6,746,737	1,419,574	1,558,245	9,724,556	
Ohakuri .. .. .	6,258,148	1,569,274	1,430,713	9,258,135	
Lake Taupo Control .. .. .	205,165			205,165	
Kaitawa .. .. .	1,208,910	188,385	314,906	1,712,201	
Tuaiti .. .. .	275,344	335,622	482,752	1,093,718	
Phippaua .. .. .	756,567	107,849	212,709	1,077,125	
Lake Waikaremoana Control .. .. .	464,688			464,688	
Mangahao .. .. .	979,637	195,824	320,494	1,495,955	
Cobb .. .. .	4,134,025	422,628	398,429	4,955,082	
Arnold .. .. .	109,996	10,767	26,667	147,430	
Lake Coleridge .. .. .	552,479	187,604	250,204	990,287	
Highbank .. .. .	333,788	129,216	179,901	642,905	
Lake Tekapo .. .. .	2,560,397	525,390	441,887	3,527,674	
Lake Pukaki Control .. .. .	2,309,683			2,309,683	
Waitaki .. .. .	1,746,775	1,527,190	1,286,914	4,560,879	
Roxburgh .. .. .	15,635,973	2,514,292	2,505,521	20,655,786	
Lake Wakatipu Control .. .. .	208	2,642		2,850	
Lake Hawea Control .. .. .	2,373,887	3,450		2,377,337	
Monowai .. .. .	128,656	64,099	63,534	256,289	
	63,910,350	13,359,875	15,488,891		92,759,116
<b>Thermal stations—</b>					
King's Wharf .. .. .		165,170	259,243	424,413	
Meremere .. .. .	1,779,426*	3,604,557	12,182,294	17,566,277	
Wairakei .. .. .	5,577,670†	2,526,468	652,331	8,756,469	
Evans Bay .. .. .		77,066	223,292	300,358	
Stoke .. .. .		12,341	66,961	79,302	
Dobson .. .. .		43,988	94,648	138,636	
	7,357,096	6,429,590	13,478,769		27,265,455
<b>Transmission system—</b>					
33 kV lines .. .. .				163,992	
50 kV lines .. .. .				827,711	
66 kV lines .. .. .				2,149,595	
110 kV lines .. .. .				8,251,863	
220 kV lines .. .. .				9,383,786	
<b>Substations—</b>					
33 kV .. .. .				29,804	
50 kV .. .. .				1,065,147	
66 kV .. .. .				1,800,839	
110 kV .. .. .				10,397,162	
220 kV .. .. .				7,143,866	
					20,770,947
<b>Communications .. .. .</b>					20,436,819
<b>Distribution system .. .. .</b>					968,543
<b>Offices, stores, land, and buildings .. .. .</b>					2,332,821
<b>Cost of raising loans .. .. .</b>					799,190
<b>Interest during construction on completed works .. .. .</b>					830,944
					10,317,233
					176,481,068
<b>Works Under Construction</b>					
<b>Hydro-electric stations—</b>					
Atiamuri .. .. .			174,003	174,003	
Waipapa .. .. .	5,354,708	1,412,878	1,411,848	8,179,434	
Maraetai II .. .. .	1,775,457	416,840	312,773	2,505,070	
Ohakuri .. .. .	30,218		591,546	621,764	
Aratiatia .. .. .	1,598,059	298,233	25,492	1,921,784	
Matahina .. .. .	743,751		17,976	761,727	
Benmore .. .. .	8,856,893		11,961	8,868,854	
Roxburgh .. .. .	40,614	1,215,758	1,755,804	3,012,176	
Additions to completed stations .. .. .	47,989	24,051	28,492	100,532	
	18,447,689	3,367,760	4,329,895		
<b>Thermal stations—</b>					
Wairakei .. .. .	4,087,282†	428,743	55,438	4,571,463	
<b>Transmission system—</b>					
33 kV lines .. .. .				66,939	
50 kV lines .. .. .					
60 kV lines .. .. .					
110 kV lines .. .. .				105,785	
220 kV lines .. .. .				3,120,044	
500 kV d.c. lines .. .. .				78,906	
<b>Substations—</b>					
33 kV .. .. .				21,718	
50 kV .. .. .				12,804	
66 kV .. .. .				4,279	
110 kV .. .. .				654,753	
220 kV .. .. .				393,287	
<b>Communications .. .. .</b>					3,763
<b>Distribution system .. .. .</b>					26,020
<b>Offices, stores, land, and buildings .. .. .</b>					41,562
<b>Interest on works under construction .. .. .</b>					35,246,667
<b>Surveys and investigations of other schemes .. .. .</b>					143,019
					2,275,914
					37,665,600







TABLE VII—RESULTS OF GENERATION, DISTRIBUTION, AND CONSUMPTION FOR THE YEAR ENDED 31 MARCH 1961—continued

Supply Authorities	Maximum Load	Annual Load	Units										Units Sold (Average)		Average Maximum Demand per Retail Consumer			
			Generated			Feed Back	Net Generated	Purchased	Net Generated and Purchased	Sold		In Bulk for Resale	Percentage Non-productive <sup>1</sup>	Per Head of Population <sup>2</sup>		Per Consumer (Excluding Bulk Supply)	Per % of Distribution Capital <sup>3</sup>	
			Water	Steam	Oil					Domestic	Non-domestic							
<b>CITY COUNCILS</b>																		
Christchurch	116,869	49.76	kWh				509,472,578	509,472,578	327,633,740	53,330	9.04	46,062,266	135,723,242	9,927	747	85	1	
Dunedin	78,940	9.06				172,294,116	339,265,716	188,365,937	114,528,017		10.72	36,371,762	114,528,017	7,726	74	2,013	2	
Hamilton	10,572	56.64				52,457,640	52,457,640	26,065,208	22,489,317		7.44	3,905,115	22,489,317	4,164	98	1,124	3	
Invercargill	13,770	44.96				54,233,000	54,233,000	29,293,074	16,713,773		11.48	6,226,153	16,713,773	4,482	79	1,285	4	
Napier	6,250	62.81			91,395	34,299,000	34,300,395	19,054,798	13,915,188		4.13	1,420,409	13,915,188	6,019	113	1,141	5	
Nelson	7,464	60.17				39,341,250	39,341,250	24,130,660	10,934,370		10.87	4,276,020	10,934,370	5,752	102	1,224	6	
New Plymouth	18,096	61.60			15,544,980	97,649,458	97,649,458	60,111,000	28,277,000		9.48	9,261,458	28,277,000	6,933	160	1,419	7	
Palmerston North	17,732	53.30			222,952	82,566,640	82,566,640	57,482,974	18,827,567		7.83	6,479,051	18,827,567	6,192	113	1,206	8	
Timaru	11,200	52.86				52,229,810	52,229,810	32,182,105	13,948,331		11.75	6,139,373	13,948,331	6,192	149	1,515	9	
Wellington	82,700	46.02			314,347	15,544,980	1,427,905,492	1,595,191,439	184,819,945	53,330	6.01	20,050,961	120,491,194	6,874	88	1,814	10	
<b>Borough Councils</b>																		
Bluff	1,302	42.94				5,198,208	5,198,208	1,939,202	2,436,691		15.82	822,315	2,436,691	4,228	64	1,335	1	
Ingletwood	764	57.74				3,864,644	3,864,644	2,312,984	1,233,130		8.24	318,530	1,233,130	5,261	111	1,133	2	
Kaipoi	1,116	54.47				5,327,000	5,327,000	4,185,130	929,749		9.98	212,121	4,185,130	5,095	102	1,112	3	
Lytelton	1,214	64.31				6,839,290	6,839,290	3,790,388	2,024,962		14.12	474,167	2,024,962	5,110	101	1,067	4	
Ohakune	724	52.95				3,358,248	3,358,248	1,721,906	1,162,175		21.70	674,273	1,162,175	3,068	42	0,770	5	
Raetihi	514	60.99			33,077	1,150,336	1,106,559	1,449,385	982,901		6.89	542,310	982,901	3,530	28	0,746	6	
Rangiora	1,461	61.50				7,870,500	7,870,500	5,747,100	1,581,000		7.85	1,223,429	5,747,100	5,303	102	1,087	7	
Riccarton	4,736	52.92				21,956,336	21,956,336	12,911,126	7,821,701		12.32	1,753,920	12,911,126	7,734	123	1,152	8	
Rotorua Electric Supply	13,025	50.77				61,328,254	61,328,254	35,151,455	19,022,679		6.56	782,357	19,022,679	4,462	44	1,184	9	
Stratford	2,324	58.59				11,928,722	11,928,722	7,127,184	4,019,181				4,019,181	4,728	76	1,194	10	
Taihape	982	54.79			3,750,400	4,712,400	4,712,400	2,829,803	1,517,507		11.33	369,090	2,829,803	4,706	117	1,000	11	
Tairāne	1,892	47.50				8,038,140	8,038,140	3,928,892	3,100,437		11.68	910,811	3,928,892	4,290	76	1,288	12	
Tairāne	3,065	48.42				5,709,930	5,709,930	7,346,996	3,893,257		14.19	1,406,350	7,346,996	3,607	37	1,065	13	
Tauranga	4,898	54.35				23,270,946	23,270,946	11,443,596	6,730,635		9.28	5,570,860	11,443,596	6,501	88	1,770	14	
Te Aroha	1,326	52.95				6,150,167	6,150,167	3,784,592	1,794,715				1,794,715	4,536	92	1,078	15	
Thames	2,202	60.05				11,585,400	11,585,400	7,160,044	3,937,418		4.21	487,938	7,160,044	5,903	167	1,171	16	
Waikanae	2,246	52.30				10,289,375	10,289,375	6,363,814	3,637,907		12.51	1,297,654	6,363,814	5,723	173	1,420	17	
Waikato	1,398	49.91				6,112,428	6,112,428	4,774,595	887,617		7.37	450,218	4,774,595	3,862	83	0,983	18	
Whakatane	3,060	55.24				14,808,360	14,808,360	9,669,247	3,200,101		13.09	1,339,012	9,669,247	5,917	73	1,407	19	
Whangarei	6,771	48.04				28,492,610	28,492,610	18,796,209	7,654,969		7.16	2,039,432	18,796,209	5,394	91	1,381	20	
<b>Town Boards</b>																		
Kaponga	965	56.16				4,747,417	4,747,417	2,400,590	1,895,205		9.51	451,622	1,895,205	7,232	61	1,694	1	
Mangawaka	165	52.40				7,555,975	7,555,975	4,549,737	190,355		14.01	105,883	4,549,737	3,916	85	0,904	2	
<b>County Councils</b>																		
Heathcote	3,393	55.69				16,505,000	16,505,000	9,770,000	5,094,624		9.94	1,640,376	9,770,000	9,976	224	2,271	1	
Kaikoura	551	49.63			19,882	2,375,466	2,375,466	1,143,855	817,282		18.13	434,211	1,143,855	2,125	19	0,587	2	
Murchison	440	53.47				5,747,793	5,747,793	2,060,966	1,084,240		18.75	386,386	2,060,966	4,882	41	1,283	3	
Mackenzie	253	42.23				934,412	934,412	751,061	80,173		11.04	103,178	751,061	17,686	7	5,374	4	
Westland <sup>1,2</sup>	115	41.93				422,403	422,403	266,321	266,321		16.00	67,569	266,321	4,175	14	1,358	5	
<b>GRAND TOTALS</b>																		
Sundry private plants <sup>4</sup>						11,501,116	11,501,116	11,501,116	11,501,116		14.25*	977,547	11,501,116	5,540	90	..	..	
<b>GRAND TOTALS</b>	1,374,800 <sup>1</sup>	..			19,882	5,511,507,701	1,322,685,206	351,645	6,834,544,552	..	16.84*	1,150,997,112	6,834,544,552	6,832	42	..	..	

(For notes see page 9.)

TABLE VII—RESULTS OF GENERATION, DISTRIBUTION, AND CONSUMPTION FOR THE YEAR ENDED 31 MARCH 1961—continued

Supply Authorities	Maximum Load	Annual Load	Units										Units Sold (Average)		Average Maximum Demand per Retail Consumer			
			Generated			Feed Back	Net Generated	Purchased	Net Generated and Purchased	Sold		In Bulk for Resale	Percentage Non-productive <sup>1</sup>	Per Head of Population <sup>2</sup>		Per Consumer (Excluding Bulk Supply)	Per % of Distribution Capital <sup>3</sup>	
			Water	Steam	Oil					Domestic	Non-domestic							
<b>COMPANIES</b>																		
Amethyst Power Ltd.	225	50.30				991,427	991,427	5,060,055	1,868,920	1,447,800		27.54	776,967	5,060,055	57	1		
Westland Power Ltd. <sup>2</sup>	1,217	55.04			19,882	4,684,410	5,060,055	1,183,645	1,868,200	2,447,800		13.97	700,580	5,060,055	57	1		
<b>GRAND TOTALS</b>	..	..				5,675,837	6,859,482	6,859,482	2,457,120	2,593,340		14.25*	977,547	6,859,482	90	..		
<b>GRAND TOTALS</b>	1,374,800 <sup>1</sup>	..			19,882	5,511,507,701	1,322,685,206	351,645	6,834,544,552	..	16.84*	1,150,997,112	6,834,544,552	6,832	42	..	..	

Units generated per head of total population .. .. . 2,831

Units sold retail per consumer .. .. . 6,832

Maximum load for public supply: North Island, 949,200 kW. Annual load factor: North Island, 57.25 per cent. South Island, 55.65 per cent.

Notes—<sup>1</sup>Includes generation by electrical supply authorities for own use and is the sum of North Island 949,200 kW. and South Island 425,600 kW. <sup>2</sup>Return for year ended 31 December 1960. <sup>3</sup>Includes adjusted units for Westland Power Ltd. due to different financial periods. <sup>4</sup>In the case of individual supply authorities, includes units lost in transmission and distribution, units sold free of charge to supply to station authorities, also—where applicable—losses occasioned by supply in bulk to other electrical supply authorities. <sup>5</sup>Total units sold (bulk plus retail) divided by capital expenditure on transmission and distribution system including allocation of miscellaneous expenditure. <sup>6</sup>Percentage of total units generated. <sup>7</sup>Percentage of net units generated and purchased. <sup>8</sup>Units sold retail divided by population in area of supply. <sup>9</sup>Annagated with Otago Central Electric Power Board, 1 April 1960. <sup>10</sup>Commenced operation, 12 March 1960. <sup>11</sup>Transfer to New Zealand Electricity Department.

TABLE VIII—CAPITAL OUTLAY, FINANCIAL RESULTS OF GENERATION, DISTRIBUTION, AND OPERATION FOR THE YEAR ENDED 31 MARCH 1961

Authorities	Capital Outlay <sup>1</sup>	Loan Liability	Revenue		Working Costs			Capital Charges			Net Results		Appropriation of Capital Works								
			Retail	Feed-back Standby Charges and Refund of Costs	Trading Account Profit	Other Sources (Excluding Rates)	Total	Generated <sup>2</sup>	Purchased <sup>3</sup>	Transmission and Distribution <sup>4</sup>	Management and General	Total		Interest	Sinking Fund and Principal Repayments	Depreciation	Renewals Paid out of Revenue	Total Annual Costs	Surplus	Deficit	
																					£(N.Z.)
NO ELECTRICITY SUPPLY	217,668,709	186,800,363	£(N.Z.) 1,613,572	£(N.Z.) 16,577,507	£(N.Z.) 34,353	£(N.Z.) 10,325,432	£(N.Z.) 2,901,854	£(N.Z.) 61,590 <sup>5</sup>	£(N.Z.) 1,161,611	£(N.Z.) 1,001,675	£(N.Z.) 4,482,330	£(N.Z.) 7,940,503	£(N.Z.) 2,035,503	£(N.Z.) 1,091,356	£(N.Z.) 17,373,682	£(N.Z.) 931,740	£(N.Z.) 37,892	£(N.Z.) 301,320	£(N.Z.) 21,781	£(N.Z.) 150,000	£(N.Z.) 1,442,591
R. BOARDS	11,687,353	3,000,811	328,608	7,043	3,561	339,212	2,901,854	166,269	30,618	21,881	218,768	23,675	46,731	82,552	301,320	37,892	4,069,038	13,310	150,000	1,442,591	
... ..	170,353	4,218,259	4,218,259	17,364	3,025	4,235,648	2,901,854	2,682,747	507,297	289,747	3,775,752	151,976	334,885	590,160	4,069,038	169,610	4,069,038	17,285	147	1,442,591	
... ..	1,089,164	395,312	400,140	9,207	3,791	409,746	436	31,401	11,300	8,241	50,942	7,384	8,850	10,246	69,188	1,422	396,169	12,219	147	1,442,591	
... ..	293,018	161,049	111,297	1,656	417	116,315	1,105	61,111	13,503	10,590	86,379	6,960	7,217	15,042	101,421	14,894	149,567	96,097	96,097	1,442,591	
... ..	262,420	122,664	122,664	333	2,945	125,252	1,107	69,553	11,300	7,160	114,374	17,490	9,162	147,541	109,062	16,190	188,280	12,219	147	1,442,591	
... ..	715,364	229,245	198,857	7,290	3,133	206,460	1,107	101,354	14,703	10,590	141,703	9,463	9,162	157,866	168,280	18,170	242,519	94,579	94,579	1,442,591	
... ..	2,163,593	926,090	770,158	4,138	4,138	776,933	1,107	422,942	53,733	69,634	544,548	34,417	59,462	623,359	84,394	94,579	926,090	94,579	94,579	1,442,591	
... ..	1,089,164	59,427	173,848	5,271	1,703	180,822	1,107	84,233	13,596	24,283	122,112	3,139	13,413	27,354	149,567	33,255	149,567	30,436	30,436	1,442,591	
... ..	1,368,337	681,950	424,661	5,337	1,961	431,210	1,107	224,764	27,360	44,646	296,770	59,719	43,975	19,447	398,693	42,517	398,693	97,393	97,393	1,442,591	
... ..	298,063	129,401	101,708	3,373	1,004	108,246	1,107	71,615	5,610	8,806	114,374	17,490	8,806	14,703	100,566	16,190	188,280	12,219	147	1,442,591	
... ..	802,500	37,522	264,620	1,526	503	266,649	1,107	129,919	35,134	28,699	193,752	6,063	7,078	1,292	20,960	43,937	188,280	12,219	147	1,442,591	
... ..	2,163,593	943,538	784,771	9,405	7,116	866,739	1,107	555,901	69,634	69,634	724,330	40,388	80,214	17,935	28,780	48,629	943,538	94,579	94,579	1,442,591	
... ..	1,362,882	563,416	462,190	6,167	7,318	475,675	1,107	234,703	52,318	31,909	318,930	23,537	43,137	16,531	402,135	73,540	402,135	29,352	29,352	1,442,591	
... ..	3,094,478	1,907,850	1,802,921	1,827	6,412	1,827,143	1,107	1,173,950	149,997	129,389	1,455,336	59,719	93,927	28,143	1,629,725	190,418	1,629,725	96,398	96,398	1,442,591	
... ..	874,800	153,959	153,959	13,765	1,961	155,924	1,107	79,878	18,366	16,230	114,374	17,490	18,366	102	156,977	41,438	156,977	10,539	10,539	1,442,591	
... ..	347,200	115,003	115,003	624	1,191	107,740	984	164,544	26,651	16,148	212,242	2,206	2,807	11,021	261,765	44,683	261,765	19,792	19,792	1,442,591	
... ..	1,404,205	191,190	458,065	3,298	1,164	461,363	1,107	160,638	50,771	16,448	227,355	23,405	53,802	3,006	322,269	57,400	322,269	31,946	31,946	1,442,591	
... ..	1,066,457	403,852	277,407	8,413	37	303,073	4,110	137,084	39,285	19,438	194,548	16,240	24,892	1,493	273,372	57,703	273,372	30,853	30,853	1,442,591	
... ..	2,183,827	895,716	541,535	2,300	11,363	565,937	1,107	371,792	72,517	42,185	496,484	39,821	70,102	2,500	603,863	62,074	603,863	32,416	32,416	1,442,591	
... ..	917,629	346,708	244,421	0,719	8,006	107,740	984	164,544	26,651	16,148	212,242	2,206	2,807	11,021	261,765	44,683	261,765	19,792	19,792	1,442,591	
... ..	357,188	56,918	100,800	1,191	1,191	107,740	984	47,927	18,183	16,148	77,242	2,206	2,807	11,021	107,740	19,792	107,740	19,792	19,792	1,442,591	
... ..	1,562,089	502,214	396,771	3,686	1,166	398,457	1,107	160,638	50,771	16,448	227,355	23,405	53,802	3,006	322,269	57,400	322,269	31,946	31,946	1,442,591	
... ..	995,959	341,228	174,921	3,170	4,054	182,155	1,107	129,786	24,822	20,632	173,240	15,141	27,031	11,897	243,685	5,247	243,685	5,247	5,247	1,442,591	
... ..	1,625,346	936,335	455,853	1,402	11,271	468,526	1,107	212,965	72,537	36,253	329,562	33,163	61,312	5,244	409,510	84,225	409,510	121,532	121,532	1,442,591	
... ..	1,572,302	906,300	384,402	1,633	15,948	576,981	6,301	327,728	48,670	29,721	406,119	39,445	64,091	31,639	451,175	56,113	451,175	26,734	26,734	1,442,591	
... ..	1,605,656	264,392	264,392	1,710	7,006	275,803	6,301	151,830	50,145	24,621	234,709	22,586	29,916	16,667	234,709	41,094	234,709	46,001	46,001	1,442,591	
... ..	1,257,702	554,001	210,101	4,936	1,166	431,390	7,472	258,995	36,485	24,621	255,784	15,685	43,801	24,565	339,915	32,233	339,915	62,359	62,359	1,442,591	
... ..	552,468	262,298	162,298	7,006	3,806	167,471	1,107	65,369	19,870	17,702	102,941	11,413	17,191	28,720	160,265	7,206	160,265	6,662	6,662	1,442,591	
... ..	1,435,332	507,012	445,496	7,006	1,793	452,502	1,107	242,782	63,256	29,290	339,368	35,679	49,379	11,112	422,537	33,622	422,537	6,050	6,050	1,442,591	
... ..	835,705	339,157	253,046	1,733	1,733	255,582	1,107	129,786	24,822	20,632	173,240	15,141	27,031	11,897	243,685	5,247	243,685	5,247	5,247	1,442,591	
... ..	2,400,457	718,946	1,074,409	5,736	6,414	1,143,735	1,107	672,876	126,439	74,551	873,866	32,866	90,804	61,974	1,059,510	84,225	1,059,510	121,532	121,532	1,442,591	
... ..	1,294,002	494,865	330,600	12,223	2,421	458,533	1,107	285,872	39,016	26,365	351,355	17,556	34,691	9,144	409,510	56,113	409,510	38,067	38,067	1,442,591	
... ..	1,256,806	452,642	433,906	15,195	7,442	461,297	3,907	249,406	68,108	43,653	366,203	12,755	31,580	18,602	409,510	56,113	409,510	20,627	20,627	1,442,591	
... ..	414,856	296,812	52,823	8,597	7,737	117,110	1,107	12,936	7,380	8,350	93,077	5,503	10,015	7,423	105,697	3,097	105,697	4,666	4,666	1,442,591	
... ..	263,894	122,149	80,933	952	11,110	117,110	1,107	63,549	7,380	8,350	82,748	5,503	10,015	7,423	105,697	3,097	105,697	4,666	4,666	1,442,591	
... ..	932,750	480,639	355,464	5,118	4,128	364,710	1,107	211,180	37,393	15,720	264,301	21,105	32,997	14,020	358,321	6,309	358,321	20,106	20,106	1,442,591	
... ..	3,755,467	1,003,204	1,474,681	6,563	9	1,474,681	1,107	844,321	230,058	101,318	1,175,697	70,475	140,776	236,354	1,412,051	69,202	1,412,051	51,433	51,433	1,442,591	
... ..	1,660	96,308	96,308	3,345	3,345	306,288	1,107	146,064	74,840	24,716	202,617	20,556	31,857	11,806	263,181	49,107	263,181	21,268	21,268	1,442,591	
... ..	2,295,297	651,000	781,961	12,633	17,872	38,100	1,107	418,830	74,840	61,299	554,974	37,531	56,780	142,565	697,559	52,524	697,559	13,777	13,777	1,442,591	
... ..	115,066	110,700	31,231	184	1,905	38,100	1,107	80	5,113	7,355	22,658	5,610	5,600	13,994	36,559	5,254	13,994	5,216	5,216	1,442,591	
... ..	61,606,491	24,645,051	20,561,176	301,256	22,134,400	25,338	29,114	12,421,422	4,633,686	1,616,018	16,555,590	997,025	1,494,317	167,456	20,208,618	1,925,702	20,208,618	1,442,591	1,442,591	1,442,591	
COUNCILS	5,482,590	1,025,790	2,486,433	2,577	7,973	2,497,192	1,107	1,632,856	304,684	132,530	2,090,070	40,278	58,469	232,216	2,491,833	76,159	2,491,833	215,502	215,502	1,442,591	
... ..	6,513,768	3,321,728	1,490,630	16,420	2,076	1,517,126	1,107	364,100	255,586	81,234	759,078										

TABLE IX—AVERAGES DERIVED FROM PREVIOUS TABLES FOR THE YEAR ENDED 31 MARCH 1961

No.	Supply Authorities	Capital Outlay		Revenue from Sale of Electricity				Working Costs			Capital Charges			Total Costs		
		Per Head of Population	Per Consumer	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 kW. of Maximum Demand	Per Unit Sold	Per kW. of Maximum Demand	Per Unit Sold	Per kW. of Maximum Demand	Per Unit Sold	Per Cent of Distribution Capital
£(N.Z.)	£(N.Z.)	d.	£(N.Z.)	d.	£(N.Z.)	d.	£(N.Z.)	£(N.Z.)	%	£(N.Z.)	%	£(N.Z.)	%	£(N.Z.)	%	%
1	NEW ZEALAND ELECTRICITY DEPARTMENT	136-59	1-375	1-375	1-375	1-051	2-634	41-10	64-49	0-816	0-221	0-478	0-699	28-49	94-07	1
2	Ashburton	100-07	1-181	1-181	1-181	1-051	2-634	35-61	52-07	0-345	0-165	0-345	1-140	34-32	2	
3	Banks Peninsula	135-87	1-938	1-938	1-938	1-051	2-634	35-61	52-07	0-345	0-165	0-345	1-140	34-32	3	
4	Bay of Islands	160-66	1-713	1-713	1-713	1-051	2-634	38-62	72-15	0-532	0-273	0-532	1-694	24-33	4	
5	Bay of Plenty	165-36	1-121	1-121	1-121	1-051	2-634	38-62	72-15	0-532	0-273	0-532	1-694	24-33	5	
6	Buller	92-29	1-401	1-401	1-401	1-051	2-634	35-05	74-26	0-184	0-184	0-184	0-922	21-64	6	
7	Central Hawke's Bay	82-72	1-441	1-441	1-441	1-051	2-634	38-67	73-07	0-184	0-184	0-184	0-922	21-64	7	
8	Central Waikato	151-30	1-581	1-581	1-581	1-051	2-634	42-06	68-32	0-376	0-376	0-376	1-292	34-35	8	
9	Dunneville	116-69	1-501	1-501	1-501	1-051	2-634	41-54	70-09	0-269	0-269	0-269	1-356	27-19	9	
10	Franklin	136-73	1-657	1-657	1-657	1-051	2-634	38-22	67-53	0-269	0-269	0-269	1-425	32-00	10	
11	Glen	225-46	1-466	1-466	1-466	1-051	2-634	42-33	68-82	0-317	0-317	0-317	1-388	28-41	11	
12	Greys	121-60	1-537	1-537	1-537	1-051	2-634	36-38	72-66	0-166	0-166	0-166	0-848	34-35	12	
13	Hawke's Bay	110-77	1-183	1-183	1-183	1-051	2-634	36-38	72-66	0-166	0-166	0-166	0-848	34-35	13	
14	Horowhenua	88-06	1-486	1-486	1-486	1-051	2-634	29-68	80-77	0-267	0-267	0-267	1-140	27-74	14	
15	Hutt Valley	74-62	1-370	1-370	1-370	1-051	2-634	29-68	80-77	0-267	0-267	0-267	1-140	27-74	15	
16	King Country	953-03	2-971	2-971	2-971	1-051	2-634	44-33	79-54	0-133	0-133	0-133	0-238	53-67	16	
17	Manawatu-Oroua	165-30	1-273	1-273	1-273	1-051	2-634	39-60	54-93	0-453	0-453	0-453	1-676	27-72	17	
18	Marlborough	145-18	1-028	1-028	1-028	1-051	2-634	47-36	80-11	0-306	0-306	0-306	1-691	20-11	18	
19	North Auckland	133-30	1-659	1-659	1-659	1-051	2-634	35-19	64-16	0-421	0-421	0-421	0-940	45-47	19	
20	North Canterbury	174-93	1-215	1-215	1-215	1-051	2-634	43-38	73-05	0-219	0-219	0-219	1-489	28-94	20	
21	North Otago	129-33	1-291	1-291	1-291	1-051	2-634	43-38	73-05	0-219	0-219	0-219	1-489	28-94	21	
22	Otago Central	189-79	1-670	1-670	1-670	1-051	2-634	33-56	55-36	0-488	0-488	0-488	1-330	28-53	22	
23	Poverty Bay	147-42	2-016	2-016	2-016	1-051	2-634	30-71	45-00	0-202	0-202	0-202	1-644	20-71	23	
24	South Canterbury	174-88	1-110	1-110	1-110	1-051	2-634	30-71	45-00	0-202	0-202	0-202	1-644	20-71	24	
25	South Otago	115-91	1-602	1-602	1-602	1-051	2-634	39-48	70-13	0-352	0-352	0-352	1-507	27-65	25	
26	Springs Elicemere	86-49	1-317	1-317	1-317	1-051	2-634	36-90	66-63	0-124	0-124	0-124	0-976	20-75	26	
27	Tairāhiti	144-94	1-277	1-277	1-277	1-051	2-634	37-75	66-10	0-315	0-315	0-315	1-263	24-47	27	
28	Tairāhiti	271-14	1-351	1-351	1-351	1-051	2-634	37-75	66-10	0-315	0-315	0-315	1-263	24-47	28	
29	Tairāhiti	155-40	1-904	1-904	1-904	1-051	2-634	37-75	66-10	0-315	0-315	0-315	1-263	24-47	29	
30	Tairāhiti	118-65	1-545	1-545	1-545	1-051	2-634	37-75	66-10	0-315	0-315	0-315	1-263	24-47	30	
31	Tairāhiti	133-82	1-584	1-584	1-584	1-051	2-634	37-75	66-10	0-315	0-315	0-315	1-263	24-47	31	
32	Tairāhiti	158-14	1-163	1-163	1-163	1-051	2-634	37-75	66-10	0-315	0-315	0-315	1-263	24-47	32	
33	Tairāhiti	142-77	1-077	1-077	1-077	1-051	2-634	37-75	66-10	0-315	0-315	0-315	1-263	24-47	33	
34	Tairāhiti	104-81	1-377	1-377	1-377	1-051	2-634	37-75	66-10	0-315	0-315	0-315	1-263	24-47	34	
35	Tairāhiti	287-50	1-330	1-330	1-330	1-051	2-634	37-75	66-10	0-315	0-315	0-315	1-263	24-47	35	
36	Tairāhiti	145-79	1-341	1-341	1-341	1-051	2-634	37-75	66-10	0-315	0-315	0-315	1-263	24-47	36	
37	Tairāhiti	97-86	1-392	1-392	1-392	1-051	2-634	37-75	66-10	0-315	0-315	0-315	1-263	24-47	37	
38	Tairāhiti	66-54	1-451	1-451	1-451	1-051	2-634	37-75	66-10	0-315	0-315	0-315	1-263	24-47	38	
39	Tairāhiti	150-85	1-392	1-392	1-392	1-051	2-634	37-75	66-10	0-315	0-315	0-315	1-263	24-47	39	
40	Tairāhiti	110-24	1-052	1-052	1-052	1-051	2-634	37-75	66-10	0-315	0-315	0-315	1-263	24-47	40	
41	Tairāhiti	100-14	1-052	1-052	1-052	1-051	2-634	37-75	66-10	0-315	0-315	0-315	1-263	24-47	41	
42	Tairāhiti	113-23	1-314	1-314	1-314	1-051	2-634	37-75	66-10	0-315	0-315	0-315	1-263	24-47	42	
43	Tairāhiti	113-23	1-314	1-314	1-314	1-051	2-634	37-75	66-10	0-315	0-315	0-315	1-263	24-47	43	
44	Tairāhiti	113-23	1-314	1-314	1-314	1-051	2-634	37-75	66-10	0-315	0-315	0-315	1-263	24-47	44	

(For notes see page 14.)

TABLE IX—AVERAGES DERIVED FROM PREVIOUS TABLES FOR THE YEAR ENDED 31 MARCH 1961—continued

No.	Supply Authorities	Capital Outlay		Revenue from Sale of Electricity				Working Costs			Capital Charges			Total Costs		
		Per Head of Population	Per Consumer	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 kW. of Maximum Demand	Per Unit Sold	Per kW. of Maximum Demand	Per Unit Sold	Per kW. of Maximum Demand	Per Unit Sold	Per Cent of Distribution Capital
£(N.Z.)	£(N.Z.)	d.	£(N.Z.)	d.	£(N.Z.)	d.	£(N.Z.)	£(N.Z.)	%	£(N.Z.)	%	£(N.Z.)	%	£(N.Z.)	%	%
1	CHRISTCHURCH CITY COUNCILS	81-96	1-288	1-288	1-288	0-983	2-025	37-17	83-70	1-082	0-159	1-144	1-799	20-72	44-16	1
2	Dunedin	166-15	1-187	1-187	1-187	0-894	1-817	38-23	50-63	0-601	0-312	0-601	1-254	28-46	2	
3	Hamilton	52-58	1-522	1-522	1-522	0-949	2-186	32-75	63-27	0-982	0-074	0-982	0-056	20-20	3	
4	Invercargill	61-09	1-742	1-742	1-742	1-340	2-370	32-52	73-03	1-298	0-065	1-298	0-056	20-20	4	
5	Napier	56-41	1-397	1-397	1-397	0-909	1-956	35-04	71-16	1-009	0-084	1-009	0-084	24-02	5	
6	New Plymouth	59-99	1-427	1-427	1-427	0-950	2-482	34-21	71-96	0-082	0-082	0-082	0-088	21-30	6	
7	Porirua	66-20	1-292	1-292	1-292	0-896	2-317	34-21	71-96	0-082	0-082	0-082	0-088	21-30	7	
8	Rangitikei	52-05	1-415	1-415	1-415	0-916	2-100	34-21	71-96	0-082	0-082	0-082	0-088	21-30	8	
9	Rangitikei	41-48	1-323	1-323	1-323	0-947	2-129	34-21	71-96	0-082	0-082	0-082	0-088	21-30	9	
10	Wellington	78-51	1-343	1-343	1-343	0-847	2-129	34-21	71-96	0-082	0-082	0-082	0-088	21-30	10	
11	Borough Councils	88-69	1-298	1-298	1-298	0-923	2-002	36-23	74-84	0-985	0-159	1-144	1-799	20-72	11	
12	Ruif	66-30	1-966	1-966	1-966	1-436	2-309	34-63	83-96	1-788	0-011	1-788	0-011	23-74	12	
13	Ingwood	47-60	1-553	1-553	1-553	1-205	2-205	34-63	83-96	1-788	0-011	1-788	0-011	23-74	13	
14	Lyttelton	49-99	1-511	1-511	1-511	1-430	2-347	32-08	73-22	1-312	0-140	1-452	0-140	20-09	14	
15	Ohakune	50-36	1-544	1-544	1-544	1-115	2-347	32-08	73-22	1-312	0-140	1-452	0-140	20-09	15	
16	Rangitikei	72-26	1-137	1-137	1-137	0-866	2-540	30-82	68-95	1-745	0-393	1-219	0-393	35-50	16	
17	Rangitikei	154-65	2-188	2-188	2-188	1-070	2-632	39-03	83-96	1-440	0-810	2-250	0-810	44-36	17	
18	Rangitikei	59-18	1-502	1-502	1-502	1-100	2-632	39-03	83-96	1-440	0-810	2-250	0-810	44-36	18	
19	Rangitikei	62-05	1-415	1-415	1-415	0-916	2-100	34-21	71-96	0-082	0-082	0-082	0-088	21-30	19	
20	Rangitikei	101-52	1-709	1-709	1-709	0-376	2-324	34-21	71-96	0-082						



TABLE IX—AVERAGES DERIVED FROM PREVIOUS TABLES FOR THE YEAR ENDED 31 MARCH 1961—continued

No.	Supply Authorities	Capital Outlay				Revenue from Sale of Electricity				Working Costs				Capital Charges				Total Costs	
		Per Head of Population	Per Consumer	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 kW. of Maximum Demand	Per Unit Sold	Per kW. of Maximum Demand	Per Cent of Capital Outlay	Per Unit Sold	Per kW. of Maximum Demand	Per Unit Sold	Per kW. of Maximum Demand	Per Cent of Distribution Capital*	No.
1	Amethyst Power Ltd.	£(N.Z.)	£(N.Z.)	d.	d.	d.	£(N.Z.)	£(N.Z.)	£(N.Z.)	£(N.Z.)	£(N.Z.)	£(N.Z.)	d.	£(N.Z.)	d.	£(N.Z.)	£(N.Z.)	%	1
2	Westland Power Ltd.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
Average for all supply authorities <sup>1</sup>		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Averages for 1960		118.15	346.80	1.742	1.367	1.108	12.74	37.40	32.01	1.018	1.244	..	..	..	..	..	..	..	..
1959	..	108.83	323.75	1.742	1.367	1.108	12.74	37.40	32.01	1.018	1.244	..	..	..	..	..	..	..	..
1957	..	101.53	305.27	1.742	1.367	1.108	12.74	37.40	32.01	1.018	1.244	..	..	..	..	..	..	..	..
1956	..	92.18	279.75	1.742	1.367	1.108	12.74	37.40	32.01	1.018	1.244	..	..	..	..	..	..	..	..
1955	..	72.32	238.65	1.742	1.367	1.108	12.74	37.40	32.01	1.018	1.244	..	..	..	..	..	..	..	..
1954	..	69.43	229.49	1.742	1.367	1.108	12.74	37.40	32.01	1.018	1.244	..	..	..	..	..	..	..	..
1953	..	62.04	206.27	1.742	1.367	1.108	12.74	37.40	32.01	1.018	1.244	..	..	..	..	..	..	..	..
1952	..	54.74	178.41	1.742	1.367	1.108	12.74	37.40	32.01	1.018	1.244	..	..	..	..	..	..	..	..

NOTES—<sup>1</sup>Return for 31 December 1960. <sup>2</sup>Excludes sundry private plants (table VII) who do not furnish returns. <sup>3</sup>Retail sales. <sup>4</sup>Excludes cost of generating feed-back. <sup>5</sup>Includes cost of generating feed-back. <sup>6</sup>Amalgamated with Otago Central Electric Power Board, 1 April 1960. <sup>7</sup>Commenced operation, 12 March 1960.

TABLE X—STATISTICS OF POPULATION, CONSUMERS, ELECTRIC RANGES, AND WATER-HEATERS FOR THE YEAR ENDED 31 MARCH 1961

No.	Supply Authorities	Population Included in Area of Supply	Ratio of Consumers to Population	Consumers			Ranges		Water-heaters		No.
				Domestic	Commercial	Total	Number	Per Cent	Number	Per Cent	
NEW ZEALAND ELECTRICITY DEPARTMENT											
1	North Island	..	..	Number	Number	Number	Number	Per Cent	Number	Per Cent	Number
2	South Island	..	..	17,804	2,592	20,396	9,575	53.78	8,624	42.28	3,664
Averages for all supply authorities <sup>1</sup>		..	..	18,703	2,618	21,321	10,451	55.88	9,557	44.82	2.38
POWER BOARDS											
1	Ashburton	..	..	7,058	938	7,996	5,346	75.74	7,621	95.31	5.55
2	Auckland	..	..	101,938	16,527	118,465	73,647	72.25	82,057	69.27	56.37
3	Banks Peninsula	..	..	1,992	107	2,099	1,275	64.01	1,234	58.79	6.86
4	Bay of Islands	..	..	8,952	1,418	10,370	6,028	67.34	68.19	4.77	11.13
5	Bay of Plenty	..	..	5,714	932	6,646	4,306	75.36	5,188	78.06	12.31
6	Buller	..	..	2,621	554	3,175	459	17.51	448	14.11	9.97
7	Cambridge	..	..	2,827	945	3,772	2,061	72.90	2,567	80.93	4.29
8	Central Hawke's Bay	..	..	4,092	636	4,728	3,694	90.27	3,382	71.53	8.85
9	Central Waikato	..	..	16,855	1,687	18,542	11,390	67.58	13,752	74.17	8.15
10	Dannevirke	..	..	3,906	643	4,549	2,831	72.48	2,972	65.33	9.71
11	Franklin	..	..	8,929	1,103	10,032	6,827	76.46	8,568	85.41	4.50
12	Golden Bay	..	..	1,173	149	1,322	712	60.70	850	64.30	15.05
13	Grey	..	..	5,531	1,072	6,603	3,275	59.21	2,561	73.47	11.11
14	Hawke's Bay	..	..	18,721	2,847	21,568	16,199	86.53	15,846	79.27	12.86
15	Horowhenua	..	..	13,353	2,115	15,468	9,721	72.80	10,378	67.09	32.59
16	Hutt Valley	..	..	37,395	3,272	40,667	29,900	79.96	31,831	78.27	3.97
17	King Country	..	..	2,986	246	3,232	1,180	39.52	1,139	35.24	3.86
18	Manawatu	..	..	1,325	162	1,487	696	52.53	652	43.85	10.68
19	Manawatu-Oroua	..	..	8,776	896	9,672	6,768	77.12	7,667	79.27	12.46
20	Marlborough	..	..	6,675	1,207	7,882	3,617	54.19	3,748	47.55	4.37
21	North Auckland	..	..	11,223	1,261	12,484	8,143	72.56	10,340	82.83	4.58
22	North Canterbury	..	..	6,508	587	7,095	4,264	65.52	4,623	65.16	6.22
23	Opunake	..	..	1,711	171	1,882	1,159	67.74	1,659	88.15	4.71
24	Otago	..	..	9,335	1,261	10,596	3,520	37.71	3,715	35.06	5.94
25	Otago Central	..	..	4,756	939	5,695	2,586	54.37	2,996	52.61	12.67
26	Poverty Bay	..	..	11,266	2,769	14,035	7,794	69.18	7,859	56.00	5.53
27	South Canterbury	..	..	9,696	696	10,392	4,903	50.56	4,484	43.15	14.47
28	South Taranaki	..	..	5,866	1,137	7,003	4,237	72.23	5,475	78.18	10.06
29	Springs Eylesmere	..	..	6,828	518	7,346	5,574	81.63	6,412	87.29	5.91
30	Taranaki	..	..	4,191	445	4,636	2,870	68.48	3,905	84.23	..

(For notes see page 17.)



TABLE X—STATISTICS OF POPULATION, CONSUMERS, ELECTRIC RANGES, AND WATER-HEATERS FOR THE YEAR ENDED 31 MARCH 1961—continued

No.	Supply Authorities	Population included in Area of Supply	Ratio of Consumers to Population	Consumers			Ranges		Water-heaters			Consumers Per Route-mile of Line	No.
				Domestic	Commercial	Total	Number	Ratio, Number of Ranges to Domestic Consumers	Number	Ratio, Number of Water-heaters to Total Number of Consumers			
<b>POWER BOARDS—continued</b>													
31	Tararua ..	..	Per Cent	Number	Number	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	31
32	Tauranga ..	..	..	3,024	531	3,555	2,777	91.83	2,723	76.60	5.41	32	
33	Te Awamutu ..	..	..	10,770	1,327	12,097	9,408	87.35	10,179	84.14	9.04	33	
34	Tevoat <sup>2</sup> ..	..	..	5,026	1,219	6,245	4,915	97.79	4,855	77.74	11.37	34	
35	Thames Valley ..	..	..	23,237	1,942	25,179	14,298	61.53	17,800	70.69	9.13	35	
36	Waimea ..	..	..	8,192	802	8,994	6,555	80.02	7,073	78.64	10.21	36	
37	Wairarapa ..	..	..	10,221	1,770	11,991	8,163	79.86	8,634	72.00	10.51	37	
38	Wairere ..	..	..	1,245	198	1,443	884	71.00	1,069	74.08	2.51	38	
39	Wairoa ..	..	..	1,707	103	1,810	957	56.06	1,003	55.41	4.42	39	
40	Waitaki ..	..	..	8,057	1,474	9,531	5,792	71.89	5,721	60.03	10.73	40	
41	Waitemata ..	..	..	50,553	5,889	56,442	36,127	71.46	37,027	65.60	16.59	41	
42	Waitomo ..	..	..	5,571	815	6,386	3,568	64.05	4,101	64.22	7.67	42	
43	Wanganui-Rangitikei ..	..	..	17,651	2,765	20,416	11,790	66.80	12,753	62.47	11.63	43	
44	Westland ..	..	..	912	237	1,149	502	55.04	457	39.77	21.52	44	
				478,365	65,712	544,077	340,718	71.23	374,395	68.81	11.26		
<b>CITY COUNCILS</b>													
1	Christchurch ..	..	Supplementary return will be published when population in each area of supply figures are available.	59,373	7,523	66,896	47,548	80.08	51,169	76.49	38.20	1	
2	Dunedin ..	..	..	34,560	4,645	39,205	18,418	53.29	25,234	47.36	45.78	2	
3	Hamilton ..	..	..	7,016	2,386	9,402	3,345	47.68	4,511	64.98	64.82	3	
4	Invercargill ..	..	..	9,179	1,533	10,712	3,414	37.19	3,433	32.05	64.82	4	
5	Napier ..	..	..	4,308	1,170	5,478	2,295	53.27	3,036	55.42	64.54	5	
6	Nelson ..	..	..	4,917	1,179	6,096	2,055	41.79	3,804	62.40	80.36	6	
7	New Plymouth ..	..	..	11,084	1,665	12,749	8,332	75.17	10,312	80.88	26.47	7	
8	Palmerston North ..	..	..	11,678	2,001	13,679	7,613	65.19	9,141	66.82	40.84	8	
9	Timaru ..	..	..	6,155	1,288	7,443	4,092	66.48	4,466	60.00	67.24	9	
10	Wellington ..	..	..	37,038	8,540	45,578	12,245	33.06	23,852	52.33	62.84	10	
			Supplementary return will be published when population in each area of supply figures are available.	185,308	31,930	217,238	109,357	59.01	138,958	63.97	45.01		
<b>BOROUGH COUNCILS</b>													
1	Bluff ..	..	..	820	215	1,035	294	35.85	208	20.10	63.06	1	
2	Ingleswood ..	..	..	542	132	674	404	74.54	400	59.35	35.13	2	
3	Kaipoi ..	..	..	880	124	1,004	625	71.02	642	63.94	38.19	3	
4	Lytelton ..	..	..	942	196	1,138	553	58.70	636	55.89	56.59	4	
5	Ohakune ..	..	..	710	230	940	220	30.99	299	31.81	8.54	5	
6	Raecliff ..	..	..	536	153	689	163	30.41	222	32.22	5.77	6	
7	Rangiora ..	..	..	1,163	219	1,382	791	68.01	971	73.90	73.90	7	
8	Riccarton ..	..	..	2,396	220	2,616	1,741	72.66	2,101	80.31	42.89	8	
9	Rotorua Electric Supply ..	..	..	10,042	2,045	12,087	6,566	65.39	6,681	55.27	13.67	9	
10	Stratford ..	..	..	1,540	406	1,946	1,139	73.96	1,122	57.66	58.72	10	

(For notes see page 17.)

TABLE X—STATISTICS OF POPULATION, CONSUMERS, ELECTRIC RANGES, AND WATER-HEATERS FOR THE YEAR ENDED 31 MARCH 1961—continued

No.	Supply Authorities	Population included in Area of Supply	Ratio of Consumers to Population	Consumers			Ranges		Water-heaters			Consumers Per Route-mile of Line	No.
				Domestic	Commercial	Total	Number	Ratio, Number of Ranges to Domestic Consumers	Number	Ratio, Number of Water-heaters to Total Number of Consumers			
<b>BOROUGH COUNCILS—continued</b>													
11	Taihape ..	..	..	690	219	909	387	56.09	391	43.01	45.45	11	
12	Taumarunui ..	..	..	1,169	319	1,488	511	43.71	471	31.65	41.93	12	
13	Taupo ..	..	..	2,514	364	2,878	1,354	53.86	1,198	41.63	13.40	13	
14	Tauranga ..	..	..	1,990	772	2,762	1,777	89.30	1,901	68.83	29.07	14	
15	Te Aroha ..	..	..	919	311	1,230	658	71.60	677	55.04	25.62	15	
16	Thames ..	..	..	1,546	334	1,880	1,173	75.87	1,102	58.62	39.17	16	
17	Wairoa ..	..	..	1,205	368	1,573	1,053	87.39	1,013	64.40	43.20	17	
18	Wairara ..	..	..	1,212	210	1,422	818	67.49	816	57.38	63.45	18	
19	Whakatane ..	..	..	1,746	429	2,175	1,604	91.87	1,655	76.09	38.58	19	
20	Whangarei ..	..	..	3,858	1,046	4,904	3,243	84.06	3,070	62.60	46.40	20	
			Supplementary return will be published when population in each area of supply figures are available.	36,420	8,312	44,732	25,074	68.85	25,576	57.18	22.90		
<b>TOWN BOARDS</b>													
1	Kaponga ..	..	..	500	94	594	342	68.40	523	88.05	5.54	1	
2	Mangaweka ..	..	..	109	57	166	79	72.48	80	48.19	14.43	2	
			Supplementary return will be published when population in each area of supply figures are available.	609	151	760	421	69.13	603	79.34	6.44		
<b>COUNTY COUNCILS</b>													
1	Heathcote ..	..	..	1,453	37	1,490	1,170	80.52	1,476	99.06	17.54	1	
2	Kaikoura ..	..	..	746	177	923	206	27.61	154	16.68	10.86	2	
3	Murchison ..	..	..	275	68	343	137	49.82	194	56.56	5.05	3	
4	Mackenzie ..	..	..	43	4	47	51	118.60	62	131.91	0.37	4	
5	Westland <sup>3</sup> ..	..	..	72	13	85	36	50.00	46	54.12	2.87	5	
			Supplementary return will be published when population in each area of supply figures are available.	2,589	299	2,888	1,600	61.80	1,932	66.90	7.29		
<b>COMPANIES</b>													
1	Amethyst Power Ltd. <sup>4</sup> ..	..	..	116	18	134	38	32.76	81	60.45	4.54	1	
2	Westland Power Ltd. <sup>4</sup> ..	..	..	683	91	774	179	26.21	293	38.11	4.96	2	
			Supplementary return will be published when population in each area of supply figures are available.	799	109	908	217	27.16	376	41.41	4.91		
	<b>GRAND TOTALS</b> ..	..	..	722,793	109,131	831,924	487,838	67.49	551,397	66.28	12.84		

Total population of Dominion as at 18 April 1961 was 2,404,164. Ratio of population in area of supply to total population of Dominion = \* per cent.

NOTES—<sup>1</sup> Return for year ended 31 December 1960. <sup>2</sup> Amalgamated with Otago Central Electric Power Board, 1 April 1960. <sup>3</sup> Commenced operation 12 March 1960. <sup>4</sup> Population figures in area of supply are not yet available.

