

ANNUAL STATISTICS IN RELATION TO HYDRO-ELECTRIC DEVELOPMENT AND OPERATION

YEAR ENDED 31 MARCH 1952

For full text of the General Manager's Report, refer to State Hydro-electric Statement, 1952, Appendix A, pages 6 to 35 inclusive.

The statistics and information usually compiled under the headings "Local Electrical Supply Systems," "Broken Wires and Poles," "Growth of Load," "Electrical Accidents," and "Electrical Fires" have been condensed and summarized as follows:—

A. Condensed Statistics, 1951-52

		1952.	1951.	Increase or Decrease.
(a) Installed generating-capacity (main stations)	kW.	616,081	589,901	+26,180
(b) Installed generating-capacity (standby)	kW.	85,153	85,443	-290
(c) Total connected load (excluding bulk supply)	kW.	5,430,317	4,949,007	+481,310
(d) Consumers	No.	599,501	576,325	+23,176
(e) Units sold per head of total population	No.	1,377	1,267	+110
(f) Units sold per consumer	No.	4,559	4,245	+314
(g) Route-miles of main, distribution and service lines	R.M.	43,617	42,165	+1,452
(h) Consumers per route-mile of line (including service lines)	No.	13.74	13.67	+0.07
(i) Sales (retail) per route-mile of line (including service lines)	Units	62,655	58,024	+4,631
(j) Electrical fires reported	No.	27	37	-10
(k) Electrical accidents reported	No.	55 (11 fatal)	55 (15 fatal)	-4
(l) Electric-ranges installed	No.	255,571	241,483	+14,088
(m) Electric water-heaters installed	No.	300,428	278,442	+21,986
(n) Electric milking-machines installed	No.	41,572	40,204	+1,368

B. Summarized Results of Operations for the Year ended 31 March 1952

Item		Water	Steam.	Gas.	Oil.	Total.
1. Number of main stations	No.	25			2	27
2. Installed capacity (main plant)	kW.	615,689			392	616,081
3. Number of standby plants	No.	16	6		15	37
4. Installed capacity (standby plant)	kW.	8,198	57,762		19,193	85,153
5. Units generated	No.	3,265,247,960	175,904,557		21,149,527	3,462,302,044
6. Units sold to consumers						2,732,840,253
7. Percentage of non-productive units						21.07
8. Number of consumers						599,501
9. Connected load (excluding bulk supply)						5,430,317
10. Total operative capital (including distribution systems and standby plant)						£108,955,779
11. Total capital per kilowatt installed (including distribution systems, &c.)						£152.52
12. Annual working-costs (excluding cost of power purchased in bulk)						£5,186,909
13. Annual working-cost per unit under item 6						0.455d.
14. Annual capital cost (interest, sinking fund, and depreciation, &c.)						£4,141,957
15. Annual capital cost per unit under item 6						0.364d.
16. Annual capital cost as a percentage of capital						3.872%
17. Total annual costs (item 12 plus item 14)						£9,328,866
18. Total annual cost per unit under item 6						0.819d.
19. Total annual revenue (from retail sale of electricity)						£9,895,787
20. Average revenue per unit (from items 19 and 6)						0.869d.
21. Gross revenue (excluding rates and bulk sales)						£10,423,682
22. Net profit (item 21 less item 17)						£1,094,816
23. Ratio of working-costs to gross revenue (item 12 and item 21)						49.76%

Tables

For reasons of economy in paper, the usual number of tables is not being published for the year ended 31 March 1952, Tables VI, VII, VIII, XII, XV, and XVI being omitted. Tables IV and V have been incorporated in Table XI.

This edition contains—

Table I—Government System : Capital Outlay and Results of Operation.	Table XI—Financial Results of Operation, &c.
Table II—Government System : Analysis of Capital Outlay.	Table XIII—Averages derived from Tables IX, X, and XI.
Table III—Government System : Working-costs.	Table XIII A—Summary of totals from Tables IX, X, and XI.
Table IX—Generating Plants, Voltages, Route-miles of Lines, &c.	Table XIV—Populations, Consumers, Ranges, Water-heaters, and Milking-machines.
Table X—Results of Generation, Distribution, &c.	Table XVII—Electrical Wiremen's Registration Board Statistics.

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TABLE I—SUMMARY OF FINANCIAL AND OPERATING STATISTICS FOR GOVERNMENT ELECTRIC-POWER SYSTEMS FOR THE YEAR ENDED 31 MARCH 1952

NOTE.—“North Island” includes Aiapuni, Karapiro, Mangahao, and Waikaremoana main stations and King's Wharf, Evans Bay and Penrose standby stations, all interconnected. “South Island” includes Coleridge, Waitaki, Monowai, Arnold (Kaimata), Tekapo and Highbank main stations and Dobson standby station, all interconnected; also Cobb main station and Stoke standby station not interconnected.

A. Financial

	£	£		£
Capital outlay—			Net profit for year	205,443
Assets in operation	40,871,084		Transfer from reserves	66,709
Assets not in operation	28,745,395	69,616,479	Total	272,152
Total capital invested—including stocks of material, plant, motor-vehicles and tools		71,844,387		
Revenue for year	£		Allocation of profits—	
Sales of energy	4,481,052		Taxation reserve	
Rents and miscellaneous	63,254	4,544,306	Loan redemption fund	272,152
			General reserve	
			Total	272,152
Working costs		2,570,553		
Capital charges—			Balances at end of year—	
Interest		1,387,787	Depreciation reserve	5,901,584
Depreciation		330,523	Loan redemption fund	4,815,136
Total		1,768,310	Taxation reserve	
Total costs for year		4,338,863	General reserve	
			Loan redemption—arrears	100,452

B. Operating Results

	1951-52		1951-52
Maximum load (kilowatts)—		Revenue—	
North Island	477,900	Per kW.	£6 70d.
South Island	190,486	Per unit output	0 326d.
Total maximum load	*668,386	Per unit distributed	0 365d.
		Per unit sold	0 368d.
Average load (kilowatts)—		Working costs—	
North Island	259,772	Per kW.	£3 84d.
South Island	116,806	Per unit output	0 187d.
Average load factor—	Per Cent	Per unit distributed	0 209d.
North Island	54 36	Per unit sold	0 211d.
South Island	61 32	Capital charges—	
Units output (generated and purchased)—		(Excluding taxation and loan redemption fund)—	
North Island	2,275,598,965	Per kW.	£2 64d.
South Island	1,023,221,425	Per unit output	0 129d.
Total	3,298,820,390	Per unit distributed	0 144d.
Units distributed—		Per unit sold	0 145d.
Units sold—		Total costs—	
North Island	2,032,615,390	(Excluding taxation and loan redemption fund)—	
South Island	889,807,421	Per kW.	£6 49d.
Total	2,922,422,811	Per unit output	0 316d.
Units unsold (used free of charge)—		Per unit distributed	0 354d.
North Island	14,021,316	Per unit sold	0 356d.
South Island	7,506,558	Total costs†—	
Total	21,527,874	(Including taxation and loan redemption fund)—	
Total units distributed—		Per kW.	£6 89d.
North Island	2,046,636,706	Per unit output	0 335d.
South Island	897,313,979	Per unit distributed	0 376d.
Grand total	2,943,950,685	Per unit sold	0 379d.
Line Losses—			
Transmission and distribution—	Units	Per Cent	
North Island	228,962,250	10 06	
South Island	125,907,446	12 31	
	354,869,705	10 76	

* Sum of North and South Island maximum loads—Not simultaneous maximum demand.

† Excludes loan redemption arrears.

Units unsold (used free of charge)

TABLE II—ANALYSIS OF GOVERNMENT CAPITAL OUTLAY AS AT 31 MARCH 1952

North Island.		South Island.		Combined Totals.
Hydro-electric stations—		Hydro-electric stations—		
Land, fencing and roading—	£	Land, fencing and roading—	£	£
Arapuni	120,344	Cobb River	62,394	
Karapiro	390,602	Lake Coleridge	35,527	
Maraetai	655,630	Waitaki	48,824	
Whakamaru	45,425	Lake Tekapo	21,918	
Waikaremoana (Tuai)	18,213	Lake Pukaki control	3,617	
" (Piripaua)	40,899	Arnold	1,830	
" (Kaitawa)	26,493	Highbank	18,514	
Mangahao	81,793	Monowai	12,226	
		Roxburgh	22,620	
	1,379,390		227,470	1,606,869
Headworks—		Headworks—		
Arapuni	1,426,019	Cobb River	1,932,251	
Karapiro	2,204,216	Lake Coleridge	545,959	
Lake Taupo Control	203,846	Waitaki	1,168,131	
*Maraetai	5,898,779	Lake Tekapo	2,048,527	
*Whakamaru	1,365,959	Lake Pukaki Control	2,272,531	
Waikaremoana (Tuai)	201,138	Arnold	108,161	
" (Piripaua)	715,577	Highbank	332,840	
" (Kaitawa)	1,424,488	Monowai	86,660	
Mangahao	949,637	Roxburgh	3,204,640	
	14,389,659		11,699,750	26,089,409
Station buildings and permanent village—		Station buildings and permanent village—		
Arapuni	509,327	Cobb River	174,961	
Karapiro	563,229	Lake Coleridge	113,163	
Maraetai	714,327	Waitaki	955,217	
Whakamaru	87,343	Lake Tekapo	481,084	
Waikaremoana (Tuai)	293,857	Lake Pukaki Control	15,245	
" (Piripaua)	96,846	Arnold	10,767	
" (Kaitawa)	187,074	Highbank	98,425	
Mangahao	126,657	Monowai	48,691	
	2,578,660	Roxburgh	24,380	
			1,921,933	4,500,593
Generating plant and machinery—		Generating plant and machinery—		
Arapuni	1,070,078	Cobb River	213,156	
Karapiro	956,049	Lake Coleridge	249,166	
Maraetai	1,944,499	Waitaki	593,923	
Whakamaru	245,307	Lake Tekapo	423,256	
Waikaremoana (Tuai)	476,842	Arnold	26,917	
" (Piripaua)	223,713	Highbank	179,820	
" (Kaitawa)	330,369	Monowai	60,051	
Mangahao	255,678	Roxburgh	133,197	
	5,502,535		1,879,486	7,382,021
Fuel stations—		Fuel stations—		
King's Wharf	432,725	Stoke	77,577	
Penrose	66,438	Dobson	180,132	
Evans Bay	295,000			
	794,163		257,709	1,051,872
Transmission and distribution—		Transmission and distribution—		
Primary distribution—		Primary distribution—		
11 kV. lines	95,933	11 kV. lines	798,482	
33 kV. lines		33 kV. lines	58,970	
50 kV. lines	636,996	50 kV. lines		
66 kV. lines		66 kV. lines	1,315,589	
110 kV. lines	3,845,315	110 kV. lines	735,734	
220 kV. lines	3,462,641	220 kV. lines	119,147	
Secondary distribution		Secondary distribution	436,941	
	8,040,885		3,464,863	11,505,748
Substations—		Substations—		
11 kV.	15,311	11 kV.	8,375	
33 kV.		33 kV.	55,958	
50 kV.	1,061,164	50 kV.		
66 kV.		66 kV.	870,712	
110 kV.	3,593,288	110 kV.	1,109,351	
220 kV.	3,286,716	220 kV.	66,665	
	7,956,479		2,111,061	10,067,540
Communications	414,272	Communications	217,663	631,935
General—		General		
Offices, stores, land and buildings	330,286	Offices, stores, land and buildings	78,318	
Surveys and investigations of other schemes	567,685	Surveys and investigations of other schemes	156,120	
Cost of raising loans	332,270	Cost of raising loans	541,047	
Interest capitalized during construction	3,368,796	Interest capitalized during construction	1,405,970	
	4,599,037		2,181,455	6,780,492
	£45,655,089		£23,961,390	£69,616,479

* Includes proportion of Mangakino temporary village.

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TABLE III—GOVERNMENT OPERATING OR WORKING COSTS FOR THE YEAR ENDED 31 MARCH 1952

	Cost.	Cost per unit.		
		Generated.	Distributed.	Sc
	£	d.	d.	
(a) Hydro-electric stations	336,484	0 0258	..	
(b) Fuel stations	924,102	1 2880	..	
(c) Auxiliary stations, power purchased and standby provision	272,473	0 7523	..	
Generated and purchased	1,523,059	0 1108	0 1242	0
(d) Transmission	140,665	0 0102	0 0115	0
(e) Communications	30,549	0 0022	0 0025	0
(f) Substations	217,164	0 0158	0 0177	0
(g) Distribution	74,355	0 0054	0 0061	0
(h) System operation	105,356	0 0077	0 0086	0
(i) Administration costs and expenses	479,405	0 0349	0 0391	0
	2,570,553	0 1870	0 2006	0

	North Island.	South Island.	Totals.
Units generated—			
Hydro-electric	2,054,422,428	985,275,410	3,039,697,838
Fuel	170,471,318	1,725,160	172,196,478
Purchased	50,705,219	36,220,855	86,926,074
Totals	2,275,598,965	1,023,221,425	3,298,820,390
Units distributed	2,046,636,706	897,313,979	2,943,950,685
Units sold	2,032,615,390	880,807,421	2,922,422,811

TABLE IX—STATISTICS OF GENERATING PLANTS, SYSTEM VOLTAGE, ROUTE-MILES OF LINES, TRANSFORMERS, ETC., FOR THE YEAR ENDED 31 MARCH 1952—continued

Authorities.	Source of Supply ² .	Year when Supply Com-menced.	Capacity of Generating Plant.							Static Head, in Feet.	Voltage.			Distribution Transformers.		Route Miles of Lines ⁴ .	No.	
			Water.	Steam.	Oil.	Main Plant.	Standby Plant.		Total Capacity.		Generation.	Transmission.	Primary Distribution.	Secondary Distribution.	Number.			kVA.
							kW.	kVA.										
DUNCANS—continued	B.	1919													9	1,005	15	8
..	G.S.	1916													37	4,950	29	9
..	G.N.	1901													312	9,802	268	10
Electric Supply	B.	1898													24	2,605	27	11
..	B.	1913													5	600	12	12
..	G.N.	1934	425												39	3,327	29	13
..	I. & G.N.	1915	3,440	4,300											24	3,530	56	14
..	B.	1906	133												16	1,155	44	15
..	B.	1914													18	2,950	29	10
..	B.	1913													10	1,760	25	17
..	B.	1917													13	900	17	18
..	B.	1922													21	3,130	35	19
..	B.	1915													65	8,005	80	20
..			4,708	4,050	164	8,750	1,972	4,854	6,022						737	50,958	819	
N BOARDS	B.	1916													50	938	51	1
..	B.	1913													10	186	12	2
..															60	1,124	63	
MAY COUNCILS	G.S.	1914													9	2,100	81	1
..	I.	1922													9	235	9	2
..	I.	1922	200												21	285	29	3
..	I.	1925													..	..	4	4
..															39	2,020	120	
..			200												9	2,015	31	1
COMPANIES	I.	1921	1,560	1,950	150	3,400	187	1,710	2,137						47	1,315	39	2
..	I. & G.N.	1910	3,000	3,760	..	6,760	..	3,000	3,750						87	2,211	107	3
..	I. & G.S.	1928	845	920	..	1,765	..	845	920						..	..	..
..			5,405	6,020	150	11,425	187	5,555	6,816						143	5,541	177	
D TOTALS			23,887	23,887	10,585	54,472	105,578	701,294	814,282						30,360	1,231,206	49,617	

¹ Includes Arapuni, Kuaripiro, Mangahao, and Wairemouana main stations and Evans Bay, King's Wharf, and Penrose standby stations all interconnected. ² Includes Coleridge, Waitaki, Arnold, Highbank, Monowai, and Teitapo main stations and Dobson as all interconnected; also Cobb main station and Stoke standby station not interconnected. ³ G.N. = Government Supply, North Island; G.S. = Government Supply, South Island; B. = Bulk supply from another supply authority; I. = Independent supply (own unit). ⁴ Includes service lines. ⁵ Returns for year ended 31 December 1951.

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TABLE X—RESULTS OF GENERATION, DISTRIBUTION, AND CONSUMPTION FOR THE YEAR ENDED 31 MARCH 1952

Supply Authorities	Connected Load		Annual Factor	Demand Factor	Generated			Feed Back	Net generated.	Purchased.		Net generated and purchased.	Sold.			Percentage Non-productive	Per Head of Population	Units sold (Average)			No.							
	Including Bulk Supply.	Excluding Bulk Supply.			kWh.	kWh.	kWh.			kWh.	kWh.		kWh.	kWh.	kWh.			kWh.	kWh.	kWh.		kWh.	kWh.	kWh.	kWh.	Per Cent of Distribution	Per Route-mile of Lines.	Per Maximum Demand per Consumer.
ELECTRICITY	3,751,252	1,015,970	..	54.30	4,767,222	1,066,175,488	4,295,830	44,010,307	2,298,913,053	6,985,912	1,002,300,400	2,275,502,653	1,002,300,400	1,002,300,400	10.00	0.092,598	..	1						
TOTALS	5,367,252	180,801	..	54.30	5,548,053	1,166,351,977	5,548,053	55,112,323	3,297,006,539	31,813,851	2,804,374,000	3,298,820,300	2,804,374,000	3,298,820,300	11.41	..	..	..	407,710	..	2				
POWER BOARDS	53,770	62,850	11.93	0.05	6,410	..	..	..	37,457,458	..	82,047,401	37,457,458	82,047,401	12.84	1,030	..	..	..	25,445	1,037	1	
London	223,704	110,102	14.10	0.18	1,019	..	..	..	406,403,730	..	499,790,034	406,403,730	499,790,034	11.40	1,604	..	..	..	280,131	1,195	2	
Midland	10,717	1,331	7.06	0.78	..	..	..	53,134	..	..	5,047,038	..	5,047,038	10.15	1,510	..	..	..	777	885	3
North Western	53,390	6,620	12.40	0.54	..	..	..	736,937	..	..	21,171,540	..	21,171,540	18.01	1,809	..	..	..	17,808	1,042	4
Yorkshire	20,772	4,788	14.34	0.90	..	..	..	1,199,130	..	4,740,700	2,870,750	4,740,700	2,870,750	11.97	1,089	..	..	..	9,540	1,048	5	
Wiltshire	12,887	829	6.46	0.47	..	..	..	..	..	..	3,800,241	..	3,800,241	18.74	271	..	..	..	47,871	..	6
Devon	13,710	2,730	19.00	0.85	..	..	..	..	..	240,547	16,029,940	..	16,029,940	17.90	1,561	..	..	..	50,800	..	7
Worcestershire	36,857	3,033	8.22	0.63	..	..	..	..	..	..	16,905,784	..	16,905,784	9.74	1,440	..	..	..	38,466	..	8
Wiltshire	115,975	2,814	7.01	0.94	..	..	..	..	..	14,124	55,874,019	..	55,874,019	13.24	1,440	..	..	..	31,274	..	9
Wiltshire	36,857	2,814	7.01	0.94	..	..	..	..	..	119,200	13,970,625	..	13,970,625	10.89	1,093	..	..	..	3,572	..	10
Wiltshire	53,117	52,982	9.45	0.94	..	..	..	..	..	..	44,150,651	..	44,150,651	13.08	1,717	..	..	..	48,181	..	11
Wiltshire	43,874	7,438	18.21	0.15	..	..	..	..	..	..	5,146,634	..	5,146,634	10.69	1,003	..	..	..	25,450	..	12
Wiltshire	181,325	156,113	17.73	0.69	..	..	..	..	..	20,036,525	82,877,095	..	82,877,095	12.44	1,375	..	..	..	96,330	..	13
Wiltshire	970,294	41,584	7.06	0.94	..	..	..	..	..	..	82,305,132	..	82,305,132	12.28	1,376	..	..	..	113,330	..	14
Wiltshire	14,430	1,350	10.05	0.43	..	..	..	..	..	..	158,265,054	..	158,265,054	12.61	1,280	..	..	..	199,319	..	15
Wiltshire	8,934	7,082	7.90	0.87	..	..	..	..	..	..	4,937,020	..	4,937,020	10.71	1,587	..	..	..	189,319	..	16
Wiltshire	178,028	74,811	10.62	0.62	..	..	..	..	..	46,046,352	3,178,560	..	3,178,560	16.45	1,470	..	..	..	11,442	..	17
Wiltshire	90,802	32,037	12.08	0.61	..	..	..	..	..	..	394,017,424	..	394,017,424	12.32	1,524	..	..	..	100,922	..	18
Wiltshire	58,800	4,343	5.03	0.63	..	..	..	..	..	..	15,455,520	..	15,455,520	10.00	1,777	..	..	..	39,172	..	19
Wiltshire	17,566	4,138	4.03	0.63	..	..	..	..	..	..	8,890,810	..	8,890,810	17.51	1,326	..	..	..	21,973	..	20
Wiltshire	15,556	3,022	23.28	0.13	..	..	..	..	..	..	9,325,043	..	9,325,043	10.81	1,480	..	..	..	5,079	..	21
Wiltshire	98,003	71,631	8.41	0.80	..	..	..	..	..	..	10,864,032	..	10,864,032	16.55	1,388	..	..	..	40,308	..	22
Wiltshire	35,715	50,011	15.86	0.47	..	..	..	..	..	..	17,819,000	..	17,819,000	16.71	1,588	..	..	..	27,225	..	23
Wiltshire	71,703	30,652	10.62	0.97	..	..	..	..	..	..	29,061,027	..	29,061,027	13.37	1,595	..	..	..	80,171	..	24
Wiltshire	32,028	2,502	7.44	0.04	..	..	..	..	..	..	12,320,072	..	12,320,072	14.55	1,320	..	..	..	26,362	..	25
Wiltshire	36,284	4,703	13.32	0.41	..	..	..	..	..	..	33,828,010	..	33,828,010	11.55	1,466	..	..	..	48,728	..	26
Wiltshire	143,480	17,845	17.07	0.92	..	..	..	..	..	2,022,400	4,588,372	..	4,588,372	3.00	1,377	..	..	..	57,323	..	27
Wiltshire	113,811	60,304	11.34	0.95	..	..	..	..	..	..	74,047,424	..	74,047,424	10.70	1,466	..	..	..	102,078	..	28
Wiltshire	74,408	7,040	9.40	0.63	..	..	..	..	..	..	28,010,540	..	28,010,540	13.00	1,293	..	..	..	80,171	..	29
Wiltshire	22,210	11,041	2.40	0.83	..	..	..	..	..	..	33,448,000	..	33,448,000	10.85	1,184	..	..	..	71,900	..	30
Wiltshire	44,541	6,463	10.82	0.54	..	..	..	..	..	..	29,075,092	..	29,075,092	23.72	1,397	..	..	..	61,470	..	31
Wiltshire	345,757	23,053	13.05	0.80	..	..	..	..	..	..	12,320,072	..	12,320,072	11.55	1,626	..	..	..	26,362	..	32
Wiltshire	124,190	3,054	9.32	0.15	..	..	..	..	..	..	16,369,144	..	16,369,144	12.05	1,213	..	..	..	37,504	..	33
Wiltshire	182,436	124,190	9.51	0.18	..	..	..	..	..	..	63,101,470	..	63,101,470	13.45	1,982	..	..	..	48,410	..	34
TOTALS	3,874,830	62,850	12.38	0.05	..	..	..	..	..	..	2,012,024,477	..	2,012,024,477	11.22	1,328	..	..	..	51,221	..	43
WILTSHIRE	506,425	40,776	10.50	0.64	..	..	..	..	..	..	280,300,574	..	280,300,574	9.00	1,000	..	..	..	102,358	..	1
WILTSHIRE	53,415	5,092	11.31	0.67	..	..	..	..	..	..	21,171,540	..	21,171,540	14.07	1,777	..	..	..	274,468	..	2
WILTSHIRE	28,212	3,910	15.51	0.57	..	..	..	..	..	..	21,855,408	..	21,855,408	13.62	926	..	..	..	119,044	..	3
WILTSHIRE	48,201	5,982	12.51	0.67	..	..	..	..	..	..	18,008,804	..	18,008,804	14.54	1,252	..	..	..	170,782	..	4
WILTSHIRE	75,040	9,220	12.11	0.77	..	..	..	..	..	..	18,254,592	..	18,254,592	9.13	1,125	..	..	..	176,027	..	5
WILTSHIRE	103,217	8,759	8.48	0.60	..	..	..	..	..	..	47,043,027	..	47,043,027	12.50	1,554	..	..	..	333,103	..	6
WILTSHIRE	58,707	5,680	6.48	0.67	..	..	..	..	..	..	24,531,001	..	24,531,001	11.01	1,334	..	..	..	150,279	..	7
WILTSHIRE	413,577	57,550	13.88	0.20	..	..	..	..	..	..	16,369,144	..	16,369,144	13.05	1,213	..	..	..	354,111	..	8

TABLE X—RESULTS OF GENERATION, DISTRIBUTION, AND CONSUMPTION FOR THE YEAR ENDED 31 MARCH 1952—continued

Supply Authorities.	Connected Load.		Maxi-mum Load on System.	Annual Load Factor	Generated.			Feed Back.	Net generat-ed.	Purchased.	Not generat-ed and purchas-ed.	Sold.			Per Head of Population	Units sold (Average).			Average Demand per Consumer.	
	Includ-ing Bulk Supply.	Exclud-ing Bulk Supply.			Water.	Steam.	Oil.					In Bulk for Resale.	Retail to Consumers.	Non-productive.		Percentage Non-productive	Per Consumer (excluding Bulk Supply)	Per 1% of Distribution Capital ¹		Per Route-mile of Line ²
DUCH COURTOIS																				
Wood																				
Coal																				
Hydro																				
Gas																				
Electric Supply																				
Other																				
Totals																				
DUNN BOARDS																				
Wood																				
Coal																				
Hydro																				
Gas																				
Totals																				
STY COUNCILS																				
Wood																				
Coal																				
Hydro																				
Gas																				
Totals																				
COMPANIES																				
Electric Ltd. ¹																				
Portland Cement																				
and Power, Ltd. ²																				
Totals																				
Water Plants ⁴																				
AND TOTALS																				

Units sold per head of population ... 1,377
 Units sold per head of population in area of supply ... 1,399
 Units sold per consumer ... 4,559

Total population of Dominion as at 31/3/52 was 1,984,730.

Based on total units sold to ultimate consumers (2,732,840,253).

Ratio of total population in area of supply to total population of Dominion = 98.45 per cent.

Includes Arapuni, Karapiro, Mangahao, and Waitakaramea main stations and King's Wharf, Evans Bay, and Petone standby stations all interconnected. Includes Coleridge, Waitaki, Arnold, Highbank, Monowai, and Tokoroa main stations and Debeny standby all interconnected; also Cobh main station and Stoke standby station not interconnected.

Total units sold (bulk plus retail) divided by route-miles of lines (route-miles now include service lines).

Includes units lost in transmission and distribution, units sold free of charge, and units supplied to station auxiliaries.

Total units sold (bulk plus retail) divided by route-miles of lines (route-miles now include service lines).

Percentage of net units generated and purchased.

Coleridge, Waitaki, Arnold, Highbank, Monowai, Tokoroa, and Hobson system maximum load of 17,480 kW. Derived from items 4 and 3 Table XIII.

Transfer to Ottago Central Electric-power Board.

TABLE XI—CAPITAL OUTLAY, FINANCIAL RESULTS OF GENERATION, DISTRIBUTION, AND OPERATION FOR THE YEAR ENDED 31 MARCH 1952—continued

Municipal Authorities.	Capital Outlay.			Revenue.				Working Costs.				Capital Charges.						Net Results.		Amount collected by way of Rates to make up Deficiency.	No.																				
	£(N.Z.)	%	£(N.Z.)	£(N.Z.)	%	£(N.Z.)	£(N.Z.)	£(N.Z.)	£(N.Z.)	£(N.Z.)	£(N.Z.)	£(N.Z.)	£(N.Z.)	£(N.Z.)	£(N.Z.)	£(N.Z.)	£(N.Z.)	£(N.Z.)	£(N.Z.)			£(N.Z.)																			
																							Sales of Energy.		Feed-back and Standby Charges.	Trading Account Profit.	Other Sources (excluding Rates).	Total.	Cost of Power.		Transmission and Distribution.	Management and General.	Total.	Interest.	Sinking Fund.	Depreciation.	Other.	Total.	Total Annual Costs.	Surplus.	Deficit.
																							£(N.Z.)	%					£(N.Z.)	%											
... ..	10,175	11.67	542	1,003	11.67	1,546	19,465	2,327	1,391	4,008	4.63	32	500	1,000	2,481	1,033	10,101	1,764	...	...	...	1																
... ..	15,978	18.12	907	1,003	11.67	1,546	19,465	3,427	1,405	4,932	5.76	180	1,000	1,000	2,081	2,481	8,161	2,558	...	...	...	3																
... ..	10,893	12.42	3,916	4,003	46.13	3,254	13,254	7,471	1,809	9,280	10.92	43	209	586	1,078	1,088	13,447	1,386	...	...	...	4																
... ..	20,289	23.17	5,069	5,069	24.90	16,377	16,377	6,405	1,737	8,142	9.63	214	702	58	1,073	1,150	9,711	1,390	...	...	...	5																
... ..	18,730	21.27	3,761	3,761	20.11	11,559	11,559	4,078	1,377	5,455	6.45	41	201	58	1,053	1,150	10,007	1,052	...	...	...	6																
... ..	35,062	40.03	11,569	11,569	33.01	23,535	23,535	7,891	2,451	10,342	12.19	519	856	318	1,173	1,173	8,237	1,390	...	...	...	7																
... ..	29,545	33.93	11,798	11,798	39.93	17,596	17,596	6,301	1,915	8,216	9.72	319	556	318	1,173	1,173	8,237	1,390	...	...	...	8																
... ..	31,111	35.72	11,798	11,798	37.92	19,916	19,916	7,151	2,161	9,312	11.03	324	574	318	1,173	1,173	8,237	1,390	...	...	...	9																
... ..	25,000	28.67	8,811	8,811	35.24	16,189	16,189	5,488	1,647	7,135	8.68	132	142	148	1,017	1,017	8,237	1,390	...	...	...	10																
... ..	272,391	314.92	85,811	85,811	31.51	27,051	27,051	9,840	2,988	12,828	15.22	1,200	2,219	348	1,017	1,017	10,208	1,588	...	...	...	11																
... ..	62,075	71.46	21,092	21,092	33.98	40,984	40,984	13,131	4,000	17,131	20.83	1,146	2,219	348	1,017	1,017	10,208	1,588	...	...	...	12																
... ..	28,171	32.59	9,104	9,104	32.33	18,075	18,075	6,167	1,917	8,082	9.72	1,200	2,219	348	1,017	1,017	10,208	1,588	...	...	...	13																
... ..	91,408	105.45	29,189	29,189	31.93	62,219	62,219	20,422	6,219	26,641	32.33	1,200	2,219	348	1,017	1,017	10,208	1,588	...	...	...	14																
... ..	23,555	27.54	7,734	7,734	32.84	15,821	15,821	5,488	1,647	7,135	8.68	132	142	148	1,017	1,017	10,208	1,588	...	...	...	15																
... ..	31,924	37.17	10,253	10,253	32.13	21,671	21,671	7,253	2,253	9,504	11.61	1,200	2,219	348	1,017	1,017	10,208	1,588	...	...	...	16																
... ..	40,582	47.27	13,510	13,510	33.31	27,072	27,072	9,072	2,772	11,844	14.43	1,200	2,219	348	1,017	1,017	10,208	1,588	...	...	...	17																
... ..	25,004	29.15	7,734	7,734	30.91	15,270	15,270	5,111	1,531	6,641	8.06	1,200	2,219	348	1,017	1,017	10,208	1,588	...	...	...	18																
... ..	27,610	32.21	8,811	8,811	31.91	18,801	18,801	6,311	1,911	8,222	9.98	1,200	2,219	348	1,017	1,017	10,208	1,588	...	...	...	19																
... ..	75,348	87.48	25,351	25,351	33.64	50,997	50,997	17,357	5,357	22,714	27.81	1,200	2,219	348	1,017	1,017	10,208	1,588	...	...	...	20																
... ..	194,980	226.83	67,480	67,480	34.61	127,500	127,500	43,456	13,456	56,912	69.22	1,200	2,219	348	1,017	1,017	10,208	1,588	...	...	...	21																
TOTALS	1,339,380	155.18	589,850	589,850	44.11	493,518	493,518	181,320	54,656	236,976	29.13	7,028	13,448	2,201	6,631	27,304	410,491	77,229	1,033	...	...	...																
TOWN BOARDS	26,130	30.66	8,273	8,273	31.66	12,443	12,443	4,114	1,243	5,357	6.73	1,350	2,448	1,071	3,519	387	10,610	1,539	...	...	...	1																
... ..	3,488	4.17	2,156	2,156	61.87	2,098	2,098	1,025	387	1,485	7.12	1,025	3,448	387	1,512	13,065	3,655	...	...	...	2																	
TOTALS	31,618	37.43	10,429	10,429	32.82	14,541	14,541	5,139	1,630	6,830	8.65	2,375	3,896	1,458	4,938	13,075	14,265	...	...	...	...	...														
UNIFY COUNCILS	28,400	33.27	8,430	8,430	29.68	19,970	19,970	13,847	2,081	17,921	22.32	10,923	3,918	2,200	6,123	4,330	35,317	774	...	...	...	1																
... ..	16,273	19.22	3,710	3,710	22.81	8,472	8,472	6,682	1,017	7,699	9.32	6,682	2,081	1,312	458	1,350	18,500	774	...	...	...	2																
... ..	27,739	32.69	8,587	8,587	30.96	17,261	17,261	11,887	1,887	13,774	16.72	8,809	3,018	2,200	6,123	4,330	35,317	774	...	...	...	3																
... ..	7,376	8.76	2,252	2,252	30.55	5,124	5,124	2,847	48	2,895	3.51	2,847	3,918	2,200	458	1,350	18,500	774	...	...	...	4																
TOTALS	79,348	94.12	24,440	24,440	30.80	53,908	53,908	39,694	5,918	45,612	56.17	29,425	10,318	4,400	11,777	8,680	63,817	1,552	...	...	...	...															
COMPANIES	111,652	132.27	60,000	60,000	53.74	25,480	25,480	16,988	3,636	22,116	27.55	8,440	3,018	2,200	6,123	4,330	35,317	774	...	...	...	...															
... ..	127,622	151.45	77,389	77,389	60.72	28,152	28,152	18,106	4,106	24,258	30.31	6,309	3,018	2,200	6,123	4,330	35,317	774	...	...	...	...															
... ..	75,773	89.38	48,336	48,336	63.81	18,852	18,852	12,031	2,050	14,882	18.32	4,843	2,050	1,312	458	1,350	18,500	774	...	...	...	...															
TOTALS	314,447	372.56	185,725	185,725	58.75	72,484	72,484	50,817	10,624	63,041	78.67	24,464	8,518	5,612	17,977	13,075	142,677	24,952	...	...	...	...															
ND TOTALS	106,955,779	126,543.33	78,883,622	78,883,622	73.72	31,116,280	31,116,280	20,698,539	3,816,140	24,912,399	30.88	10,923	3,918	2,200	6,123	4,330	35,317	774	...	...	...	...															

Returns for year ended 31 December, 1951. * Excluding stocks, plant, motor-vehicles, and tools (see Table 1A). * Actual running-costs only, including fuel, wages, stores, repairs, and maintenance. * Includes cost of street lighting. Purchased. † Feed-back. ‡ Generated. ‡ Stationary charge (272,152 half—see Table 1A). † 1950-51 figures.

1951

1947 1948 1949

1950

TABLE XIII—AVERAGES DERIVED FROM PREVIOUS TABLES FOR THE YEAR ENDED 31 MARCH 1952

Supply Authorities.	Capital Outlay.		Revenue from Sale of Electricity.				Working-costs.				Capital Charges.			Total Costs.				
	Per Head of Population.	£(N.Z.)	Per Unit sold (Overall, including Bulk Sales).	Per Unit sold (excluding Bulk Sales).	Per Unit sold (Domestic Supply).	Per Head of Population.	£(N.Z.)	Per kW. of Maximum Demand.	Per Route-mile of Line.	Per Unit sold.	£(N.Z.)	Per kW. of Maximum Demand.	Per Cent. of Capital Outlay.	Per Unit sold.	£(N.Z.)	Per kW. of Maximum Demand.	Per Cent. of Distribution Capital.	
																		Per £1 of Revenue.
I. STATE HYDRO-ELECTRIC DEPARTMENT																		
POWER BOARDS																		
1. Ashburton	32.21	103.68	0.929	0.829	0.761	6.80	20.43	19.71	98.54	0.507	12.02	50.95	0.305	0.507	12.02	50.95	0.305	
2. Auckland	20.21	62.80	0.744	0.744	0.680	4.90	15.08	11.73	896.10	0.583	19.20	77.58	0.107	0.583	19.20	77.58	0.107	
3. Banks Peninsula	42.70	100.18	1.263	1.263	1.253	8.36	19.76	22.34	119.67	0.864	15.28	65.05	0.139	0.864	15.28	65.05	0.139	
4. Bay of Islands	22.14	80.86	1.254	1.254	0.978	4.31	21.61	21.35	99.00	0.774	13.10	60.00	0.402	0.774	13.10	60.00	0.402	
5. Bay of Plenty	14.80	80.86	0.871	0.871	0.966	4.72	26.30	16.66	252.50	0.619	13.97	69.41	0.164	0.619	13.97	69.41	0.164	
6. Buller	3.84	19.60	2.313	2.313	2.112	2.62	13.32	33.26	459.48	0.652	12.32	66.99	0.202	0.652	12.32	66.99	0.202	
7. Cambridge	19.82	53.50	0.952	0.952	0.815	6.54	17.16	18.00	201.81	0.652	12.32	66.99	0.202	0.652	12.32	66.99	0.202	
8. Central Hawke's Bay	31.56	120.82	1.110	1.110	0.970	6.44	22.56	23.27	95.12	0.680	12.83	71.96	0.250	0.680	12.83	71.96	0.250	
9. Central Waikato	29.88	70.16	0.951	0.951	0.948	5.74	18.61	17.73	132.59	0.688	12.83	71.96	0.250	0.688	12.83	71.96	0.250	
10. Dannevirke	27.89	91.10	1.333	1.333	0.801	6.37	21.05	26.98	176.21	0.704	15.46	54.91	0.201	0.704	15.46	54.91	0.201	
11. Franklin	26.15	87.48	0.878	0.878	0.801	6.37	21.05	17.33	176.33	0.624	12.18	70.31	0.287	0.624	12.18	70.31	0.287	
12. Golden Bay	30.79	106.97	1.137	1.137	1.137	6.40	19.02	17.01	378.93	0.785	11.85	57.61	0.287	0.785	11.85	57.61	0.287	
13. Grey	19.14	56.73	0.956	0.956	0.908	5.74	14.75	13.56	149.08	0.557	10.47	76.05	0.119	0.557	10.47	76.05	0.119	
14. Hawke's Bay	22.63	70.59	0.722	0.722	0.636	5.36	14.75	17.13	120.55	0.716	10.47	76.05	0.119	0.716	10.47	76.05	0.119	
15. Horowhenua	25.30	57.80	1.059	1.059	0.774	5.74	12.95	13.56	149.08	0.557	10.47	76.05	0.119	0.557	10.47	76.05	0.119	
16. Hutt Valley	10.35	35.94	1.980	1.980	0.748	4.47	7.48	11.31	327.58	0.909	14.34	45.37	0.111	0.909	14.34	45.37	0.111	
17. King-country	23.68	98.32	1.787	1.787	1.023	4.36	23.31	28.58	381.44	0.697	16.00	69.35	0.111	0.697	16.00	69.35	0.111	
18. Manawatu-Oroua	30.45	110.54	0.672	0.672	0.944	5.36	18.12	31.18	99.59	0.469	10.14	69.35	0.111	0.469	10.14	69.35	0.111	
19. Marlborough	25.02	89.07	1.372	1.372	1.023	4.36	23.31	28.58	381.44	0.697	16.00	69.35	0.111	0.697	16.00	69.35	0.111	
20. North Canterbury	23.68	98.32	1.787	1.787	1.023	4.36	23.31	28.58	381.44	0.697	16.00	69.35	0.111	0.697	16.00	69.35	0.111	
21. North Auckland	30.19	104.38	0.911	0.911	0.944	5.36	18.12	31.18	99.59	0.469	10.14	69.35	0.111	0.469	10.14	69.35	0.111	
22. Otago	39.05	115.21	1.058	1.058	1.145	5.82	17.55	18.65	98.63	0.623	12.13	63.60	0.188	0.623	12.13	63.60	0.188	
23. Poverty Bay	35.47	120.19	0.770	0.770	0.746	4.44	15.06	15.90	88.02	0.475	10.79	63.97	0.193	0.475	10.79	63.97	0.193	
24. South Canterbury	21.83	83.00	0.830	0.830	0.880	5.94	19.11	16.29	258.29	0.683	12.93	80.46	0.127	0.683	12.93	80.46	0.127	
25. South Taranaki	18.37	61.75	0.836	0.836	0.830	5.63	23.73	16.79	209.70	0.717	11.75	63.97	0.127	0.717	11.75	63.97	0.127	
26. Springs-Blenheim	78.42	168.77	0.762	0.762	0.696	6.85	20.76	14.29	195.16	0.625	11.75	63.97	0.127	0.625	11.75	63.97	0.127	
27. Taranaki	45.38	87.44	1.116	1.116	0.950	6.23	20.14	17.97	140.08	0.689	13.24	56.44	0.207	0.689	13.24	56.44	0.207	
28. Tairānui	29.04	81.29	0.900	0.900	0.911	5.64	21.93	10.23	204.23	0.705	13.50	69.75	0.200	0.705	13.50	69.75	0.200	
29. Te Awamutu	36.66	101.54	1.004	1.004	0.911	5.64	16.29	16.73	135.01	0.299	8.96	47.17	0.244	0.299	8.96	47.17	0.244	
30. Teitoti	21.47	71.32	0.848	0.848	0.859	5.64	18.27	10.63	143.08	0.384	11.39	64.00	0.203	0.384	11.39	64.00	0.203	
31. Waikato	24.55	82.53	0.954	0.954	0.846	6.06	19.60	18.91	311.54	0.484	9.51	64.00	0.195	0.484	9.51	64.00	0.195	
32. Waikare	55.79	217.45	1.021	1.021	0.926	6.82	21.01	18.57	63.83	0.386	7.57	43.32	0.456	0.386	7.57	43.32	0.456	
33. Waipara	14.23	107.11	0.851	0.851	1.419	4.88	24.16	18.84	170.37	0.637	10.63	68.49	0.172	0.637	10.63	68.49	0.172	
34. Waikaiti	59.80	149.61	0.927	0.927	0.855	6.31	18.73	18.56	178.31	0.637	11.70	61.38	0.284	0.637	11.70	61.38	0.284	
35. Waitemata	14.71	40.80	0.927	0.927	0.920	4.55	13.50	10.10	181.51	0.733	12.78	78.34	0.177	0.733	12.78	78.34	0.177	
36. Waitemata	25.42	105.33	1.071	1.071	0.842	5.00	22.43	19.09	193.72	0.705	13.10	63.50	0.339	0.705	13.10	63.50	0.339	
37. Waitemata-Rangitikei	16.11	50.89	0.977	0.977	0.893	4.29	14.40	17.70	180.05	0.478	12.33	66.13	0.248	0.478	12.33	66.13	0.248	
Totals	21.14(m)	71.17(c)	0.804(d)	0.814(c)	0.857	5.18(p)	17.03(r)	...	204.38(f)	0.621(θ)	...	70.28(φ)	0.192(δ)	0.813(γ)	24.52(m)

(For notes see page 14.)

TABLE XIII—AVERAGES DERIVED FROM PREVIOUS TABLES FOR THE YEAR ENDED 31 MARCH 1952—continued

Supply Authorities.	Capital Outlay.			Revenue from Sale of Electricity.					Working-costs.			Capital Charges.			Total Costs.				
	Per Head of Population.	Per Cent. Consum.	£(N.Z.)	Per Unit sold (Overall, including Bulk Sales).	Per Unit sold (excluding Bulk Sales).	Per Unit sold (Domestic Supply).	Per Head of Population.	Per Recall Consumer.	Per kW. of Maximum Demand.	Per Route-mile of Line.	Per Unit sold.	Per kW. of Maximum Demand.	Per Cent. of Capital Outlay.	Per Unit sold.	Per kW. of Maximum Demand.	Per Cent. of Capital Outlay.	Per Unit sold.	Per kW. of Maximum Demand.	Per Cent. of Distribution Capital.
CITY COUNCILS																			
1. Christchurch	13.60	4.07	10.90	0.650	0.659	0.569	4.46	13.23	11.00	0.540	0.098	1.65	4.80	0.638	10.72	4.80	0.638	10.72	31.26
2. Dunedin	34.79	109.00	109.00	0.657	0.698	0.489	5.61	13.23	11.00	0.415	0.245	1.65	4.80	0.060	10.72	4.80	0.060	10.72	28.10
3. Hamilton	7.23	22.42	22.42	1.017	1.017	0.812	3.67	12.16	11.42	0.740	0.245	1.65	4.80	0.060	10.72	4.80	0.060	10.72	43.08
4. Invercargill	9.24	28.19	28.19	1.006	1.006	0.845	3.67	11.13	17.41	0.642	0.110	1.69	3.01	0.058	13.07	3.01	0.058	13.07	38.88
5. Napier	9.33	28.03	28.03	1.044	1.044	0.845	3.67	11.13	17.41	0.681	0.177	1.69	3.01	0.058	13.07	3.01	0.058	13.07	38.88
6. Nelson	13.47	40.29	40.29	0.908	0.908	0.684	3.67	11.13	17.41	0.681	0.177	1.69	3.01	0.058	13.07	3.01	0.058	13.07	38.88
7. Palmerston North	13.86	40.29	40.29	0.820	0.820	0.684	3.67	11.13	17.41	0.621	0.102	1.63	3.01	0.058	13.07	3.01	0.058	13.07	38.88
8. Wellington North	14.82	45.04	45.04	0.853	0.853	0.684	3.67	11.13	17.41	0.621	0.102	1.63	3.01	0.058	13.07	3.01	0.058	13.07	38.88
9. Timaru	9.29	29.30	29.30	0.748	0.748	0.525	3.86	12.06	13.02	0.688	0.111	1.25	2.40	0.052	12.72	2.40	0.052	12.72	33.33
10. Wellington	13.63	38.85	38.85	0.770	0.770	0.507	5.65	15.52	11.35	0.627	0.085	1.24	4.37	0.031	11.49	4.37	0.031	11.49	33.60
Totals	10.96	51.70	51.70	0.737	0.737	0.508	4.98	14.71	...	0.558	0.120	1.24	4.37	0.064	10.41	4.37	0.064	10.41	33.88
BOROUGH COUNCILS																			
1. Bluff	8.45	25.91	25.91	1.532	1.532	1.034	5.67	15.77	21.34	1.190	0.130	1.89	5.39	1.320	18.47	5.39	1.320	18.47	52.08
2. Inglewood	10.24	26.72	26.72	1.280	1.280	1.000	6.04	15.41	23.51	0.829	0.314	1.89	5.39	1.142	20.82	5.39	1.142	20.82	51.44
3. Kapiti	8.76	26.31	26.31	0.921	0.921	0.882	5.84	13.46	15.30	1.117	0.100	1.67	5.56	1.217	20.84	5.56	1.217	20.84	67.50
4. Lyttelton	7.40	23.51	23.51	1.305	1.305	1.195	4.82	13.84	20.00	1.000	0.244	1.67	5.56	1.217	20.84	5.56	1.217	20.84	50.11
5. Ohakune	15.21	39.84	39.84	0.983	0.983	0.823	5.23	17.49	15.02	1.159	0.163	1.76	6.14	1.322	18.71	6.14	1.322	18.71	71.53
6. Patea	13.60	38.88	38.88	0.936	0.936	0.823	5.23	17.49	15.02	0.753	0.149	1.76	6.14	1.322	18.71	6.14	1.322	18.71	97.88
7. Raetihi	5.32	13.90	13.90	0.650	0.650	0.741	5.20	13.56	31.15	0.980	0.149	1.76	6.14	1.322	18.71	6.14	1.322	18.71	44.63
8. Rangiora	10.52	26.72	26.72	0.936	0.936	0.741	5.20	13.56	31.15	0.980	0.149	1.76	6.14	1.322	18.71	6.14	1.322	18.71	44.63
9. Riccarton	13.53	35.77	35.77	0.733	0.733	0.650	4.40	14.53	13.66	0.837	0.074	1.39	4.12	0.712	17.14	4.12	0.712	17.14	80.11
10. Roxton Electric Supply	14.16	42.03	42.03	1.189	1.189	1.070	4.35	13.27	22.71	0.937	0.074	1.39	4.12	0.712	17.14	4.12	0.712	17.14	80.11
11. Stratford	12.66	38.08	38.08	1.622	1.622	1.070	4.35	13.27	22.71	0.937	0.074	1.39	4.12	0.712	17.14	4.12	0.712	17.14	80.11
12. Taumarunui	27.87	71.02	71.02	1.074	1.074	0.949	6.01	17.04	25.24	0.648	0.217	2.94	7.50	1.182	21.94	7.50	1.182	21.94	90.45
13. Teanarua	38.10	98.08	98.08	0.553	0.553	0.585	6.13	15.23	20.70	0.418	0.217	2.94	7.50	1.182	21.94	7.50	1.182	21.94	90.45
14. Teauranga	10.40	27.42	27.42	0.968	0.968	0.870	5.54	14.34	12.05	0.916	0.120	1.67	5.56	1.217	20.84	5.56	1.217	20.84	64.75
15. Te Aroha	8.74	25.41	25.41	1.147	1.147	1.004	5.45	15.57	12.05	0.710	0.120	1.67	5.56	1.217	20.84	5.56	1.217	20.84	31.27
16. Thames	8.74	25.41	25.41	1.147	1.147	1.004	5.45	15.57	12.05	0.710	0.120	1.67	5.56	1.217	20.84	5.56	1.217	20.84	31.27
17. Waikanae	8.58	27.20	27.20	1.058	1.058	0.954	4.00	12.72	16.02	0.729	0.068	2.85	4.35	0.806	18.31	4.35	0.806	18.31	50.83
18. Waitara	10.08	30.70	30.70	1.262	1.262	1.054	4.00	12.72	16.02	0.693	0.101	1.77	5.23	0.822	19.00	5.23	0.822	19.00	82.09
19. Whakatane	15.88	40.70	40.70	1.312	1.312	1.120	5.76	18.02	21.57	0.880	0.147	3.87	9.70	1.203	20.03	9.70	1.203	20.03	28.09
20. Whangarei	15.88	40.70	40.70	1.312	1.312	1.120	5.76	18.02	21.57	0.880	0.147	3.87	9.70	1.203	20.03	9.70	1.203	20.03	28.09
Totals	14.23	49.00	49.00	1.000	1.000	0.907	5.09	15.17	...	0.750	0.160	...	5.81	0.928	...	5.81	0.928	...	37.00
TOWN BOARDS																			
1. Kaponga	14.28	52.16	52.16	1.183	1.183	1.143	6.64	23.80	33.01	0.910	0.198	2.70	5.35	1.048	20.93	5.35	1.048	20.93	40.40
2. Mangaweka	14.44	35.18	35.18	1.087	1.087	1.064	7.10	15.94	21.68	1.256	0.040	0.98	2.66	1.385	20.87	2.66	1.385	20.87	62.10
Totals	14.31	48.12	48.12	1.105	1.105	1.120	6.72	22.00	...	0.070	0.123	...	4.78	1.101	...	4.78	1.101	...	44.02

(For notes see page 14.)

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TABLE XIII—AVERAGES DERIVED FROM PREVIOUS TABLES FOR THE YEAR ENDED 31 MARCH 1952—continued

Supply Authorities.	Capital Outlay.			Revenue from Sale of Electricity.						Working-costs.			Capital Charges.			Total Costs.			No.
	Per Head of Population.	Per Cent. of Consumer.	Per Cent. of Revenue.	Per Unit sold including Bulk Sales.	Per Unit sold (excluding Bulk Sales).	Per Unit sold (Domestic Supply).	Per Head of Population.	Per Retail Consumer.	Per k.W. of Maximum Demand.	Per Route-mile of Line.	Per Unit sold.	Per k.W. of Maximum Demand.	Per Unit sold.	Per k.W. of Maximum Demand.	Per Cent. of Capital Outlay.	Per Unit sold.	Per k.W. of Maximum Demand.	Per Cent. of Distribution Capital.	
COUNTY COUNCILS																			
1. Heathcote	6.00	1.55	1.55	0.076	0.076	0.039	4.42	15.89	10.60	220.70	0.020	0.049	0.078	4.07	0.078	10.07	64.33	1	
2. Kaikoura	8.26	35.77	1.80	5.269	0.000	0.000	5.13	19.84	60.51	941.33	4.763	0.593	0.78	6.25	5.956	20.62	163.03	2	
3. Marchion	29.26	106.92	0.00	1.808	2.000	5.34	17.64	17.64	24.14	170.42	1.323	0.802	10.71	7.32	2.325	48.40	46.40	3	
4. Otago	13.06	56.31	3.32	15.264	1.971	4.18	16.95	16.95	103.30	634.57	18.707	0.802	10.71	7.32	18.707	129.60	111.54	4	
Totals	10.55(m)	39.87(o)	2.34(c)	1.095(d)	0.977	4.08(p)	17.04(r)	17.04(r)	..	282.52(f)	0.073(g)	0.136(j)	..	5.47(k)	1.110(l)	..	73.93(m)	..	
COMPANIES																			
1. Kaiteri Electric, Ltd.	35.07	105.04	4.40	0.888	1.351	0.88	20.08	20.08	14.84	818.42	0.462	0.079	1.74	2.07	0.541	11.80	60.21	1	
2. Wilson's (N.Z.) Portland Cement	80.48	144.36	4.58	0.332	1.002	0.80	447.12	447.12	8.07	711.71	0.109	0.016	0.41	4.03	0.183	4.83	40.32	2	
3. Westland Power, Ltd.	10.73	101.98	4.02	1.286	2.120	4.45	22.97	22.97	41.20	175.78	0.897	0.331	10.64	0.40	1.168	37.53	36.93	3	
Totals	37.82(n)	105.85(o)	4.74(c)	0.473(d)	1.711	0.23(p)	27.26(r)	27.26(r)	..	374.47(f)	0.250(g)	0.005(j)	..	2.91(k)	0.334(l)	..	38.97(m)	..	
GRAND TOTALS*	54.74(n)	178.41(o)	7.47(c)	..	0.860(e)	5.22(p)	10.51(r)	10.51(r)	..	328.23(f)	..	..	..	3.87(k)	..	..	22.65(m)	..
Grand total, 1951	49.40	163.08	7.35	..	0.858	4.70	15.18	15.18	..	304.58	..	..	..	4.00	..	..	22.08	1061
"	44.07	149.86	6.78	..	0.842	4.50	15.20	15.20	..	300.51	..	..	..	4.54	..	..	23.30	1060
"	46.44	130.67	6.55	..	0.880	4.40	14.76	14.76	..	290.59	..	..	..	4.80	..	..	23.00	1049
"	37.17	130.92	6.62	..	0.829	4.00	13.74	13.74	..	297.20	..	..	..	4.02	..	..	22.71	1048
"	34.11	121.97	6.16	..	0.810	3.07	13.83	13.83	..	310.80	..	..	..	4.02	..	..	22.51	1047
"	31.42	111.38	5.69	..	0.826	3.88	13.38	13.38	..	308.00	..	..	..	4.10	..	..	21.42	1046
"	30.04	102.91	5.28	..	0.860	4.07	13.31	13.31	..	300.89	..	..	..	4.18	..	..	24.48	1045
"	28.88	98.60	5.20	..	0.840	3.66	12.51	12.51	..	298.07	..	..	..	4.71	..	..	26.36	1044
"	27.86	95.91	5.26	..	0.840	3.73	11.86	11.86	..	280.01	..	..	..	4.88	..	..	26.03	1043

Notes.—* Returns for year ended 31 December 1951.
 (a) Excludes sundry private plants (Table X) which do not furnish returns.
 (b) Revenue from retail sales plus unit sales (route miles now include service lines).
 (c) Excludes loan redemption fund arrears.
 (d) Derived from items 7 and 11, Table XIII.
 (e) Excludes sundry private plants (Table X) which do not furnish returns.
 (f) Revenue from retail sales plus unit sales (route miles now include service lines).
 (g) Derived from items 5 and 16, Table XIII.
 (h) Derived from items 5 and 14, Table XIII.
 (i) Derived from items 6 and 11, Table XIII.
 (j) Derived from items 5 and 16, Table XIII.
 (k) Derived from items 6 and 18, Table XIII.
 (l) Derived from items 7 and 17, Table XIII.
 (m) Derived from items 8 and 18, Table XIII.
 (n) Derived from items 2 and 9, Table XIII.
 (o) Excluding costs of generating feed-back.
 (p) Derived from items 1 and 13, Table XIII.
 (q) Derived from items 2 and 9, Table XIII.
 (r) Derived from items 2 and 9, Table XIII.
 (s) Excluding costs of generating feed-back.
 (t) Including costs of generating feed-back.
 (u) Derived from items 12 and 14, Table XIII.
 (v) Derived from items 12 and 14, Table XIII.
 (w) Derived from items 12 and 14, Table XIII.
 (x) Derived from items 12 and 14, Table XIII.
 (y) Derived from items 12 and 14, Table XIII.
 (z) Derived from items 12 and 14, Table XIII.

TABLE XIII.—SUMMARY OF TOTALS FROM TABLES IX, X, AND XI

No.	Item.	State Hydro-electric Department.	Electric-power Boards.	Other Local Authorities.					Companies.	Total, all Supply Authorities.	No.
				City Councils.	Borough Councils.	Town Boards.	County Councils.	Total.			
1	Population in area of supply	Number.	Number.	Number.	Number.	Number.	Number.	Number.	Number.	1	
2	Number of consumers	51,780	1,248,070	541,890	94,110	2,210	7,520	045,730	1,953,960	2	
3	Units generated	15,856	370,710	177,734	30,658	657	1,990	211,039	599,501	3	
4	Units sold (retail)	3,211,894	69,957,304	111,060,049	27,658,924	..	1,257,025	139,975,998	40,474,426 ⁽¹⁾	4	
5	Units sold (bulk plus retail)	118,048,751	1,687,089,031	827,880,089	101,019,916	2,977,620	7,638,700	939,516,325	18,186,146	5	
6	Route-miles of lines (including service lines)	2,922,422	1,835,391	846,038	106,667	2,977,620	7,638,700	963,322,050	39,102,488 ⁽²⁾	6	
		6,248	32,352	3,838	819	63	120	4,840	43,617		
7	Capital outlay	£(N.Z.)	£(N.Z.)	£(N.Z.)	£(N.Z.)	£(N.Z.)	£(N.Z.)	£(N.Z.)	£(N.Z.)	7	
8	Capital outlay on transmission and distribution system ⁽³⁾	69,616,479	26,384,822	9,189,685	1,339,380	31,618	79,348	10,640,031	314,447	8	
9	Revenue (retail sales)	26,323,442	25,455,402	7,122,042	1,114,572	31,042	47,770	8,315,426	118,336	9	
10	Revenue (bulk sales)	401,470	6,314,403	2,614,839	466,037	14,456	33,992	3,128,254	51,660	10	
11	Revenue (retail plus bulk sales)	4,079,582	297,580	18,991	6,168	..	..	25,149	20,296	11
12	Gross revenue (excluding rates)	4,481,052	6,611,983	2,633,830	471,215	14,456	33,992	3,153,403	71,956	12	
13	Gross revenue (less revenue from bulk sales, feed-back, and standby charges)	4,544,300	6,810,474	2,875,510	493,518	14,841	35,156	3,419,025	72,484	13	
14	Working costs (including costs of generating feed-back)	464,724	6,460,199	2,702,300	478,500	14,841	35,156	3,230,363	52,188	14	
15	Working costs (excluding costs of generating feed-back)	2,570,553	4,786,409	2,100,357	341,287	12,153	30,978	2,484,775	43,705	15	
16	Capital charges	2,354,005	4,749,054	1,968,199	337,234	12,153	30,978	2,348,504	43,705	16	
17	Total costs (including costs of generating feed-back)	2,140,914 ⁴	1,465,919	444,932	75,204	1,512	4,339	525,987	9,137	17	
18	Total costs (excluding costs of generating feed-back)	4,711,487	6,252,328	2,545,239	416,491	13,665	36,317	3,010,762	52,842	18	
		4,494,919	6,214,973	2,413,131	412,488	13,005	35,317	2,874,551	52,842		

NOTES.—¹ Includes generation by sundry private plants (see Table X). ² Includes bulk sales by sundry private plants (see Table X). ³ Includes plant, stocks, motor-vehicles, and tools. ⁴ Includes Loan Redemption Fund arrears (see Table IX).

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TABLE XIV—STATISTICS OF POPULATION, CONSUMERS, ELECTRIC RANGES, WATER-HEATERS, AND MILKING-MACHINES FOR THE YEAR ENDED 31 MARCH 1952

Supply Authorities.	Population Included in Area of Supply.		Ratio of Consumers to Population in Area of Supply.	Consumers.		Ranges.		Water-heaters.		Milk-machines.		Consumers Per Route-mile of Line. (1)	No.	
	Number.	Per Cent.		Domestic.	Commercial and Industrial.	Number.	Total.	Number.	Total Kilowatts.	Ratio, Number of Ranges to Domestic Consumers.	Number.			Total Kilowatts.	Ratio, Number of Heaters to Total Number of Consumers.	Number.	H.P.
STATE HYDRO-ELECTRIC DEPARTMENT														
1. North Island	51,780	20.75	441	11	452	445	2,828	403	493	102.43	403	102.43	0.21	1
2. South Island	51,780	..	13,262	2,142	15,404	5,057	31,191	4,151	5,163	26.95	4,151	26.95	3.72	2
Totals ..	51,780	..	13,703	2,153	15,856	5,502	34,019	4,614	5,656	29.10	4,614	29.10	2.54	
POWER BOARDS														
1. Ashburton	19,020	31.07	5,471	718	6,189	3,357	11,415	3,648	7,109	58.94	3,648	58.94	4.82	1
2. Auckland	281,280	32.18	75,821	14,686	90,507	41,730	298,798	49,107	36,350	54.26	49,107	54.26	59.50	2
3. Banks Peninsula	3,740	40.21	1,423	82	1,505	702	4,287	722	1,129	48.01	722	48.01	6.06	3
4. Bay of Islands	33,440	18.56	5,706	835	6,541	2,947	18,271	3,666	2,796	56.05	3,666	56.05	4.30	4
5. Bay of Plenty	19,440	18.41	3,074	505	3,579	1,770	10,633	2,505	2,086	69.99	2,505	69.99	9.60	5
6. Buller	10,560	19.59	1,662	407	2,069	40	374	87	2.95	4.88	87	4.88	34.48	6
7. Cambridge	7,680	37.04	2,560	285	2,845	953	6,256	1,596	1,776	56.10	1,596	56.10	11.68	7
8. Central Hawke's Bay	11,980	26.12	2,647	482	3,129	1,303	11,720	1,615	1,854	51.61	1,615	51.61	4.22	8
9. Central Waikato	38,810	30.17	10,640	1,068	11,708	4,714	29,563	7,013	5,699	59.90	7,013	59.90	7.01	9
10. Dannevirke	12,510	30.59	3,224	603	3,827	1,501	10,142	1,731	1,580	45.23	1,731	45.23	8.88	10
11. Taranaki	25,710	20.89	6,911	773	7,684	3,933	23,795	6,451	4,884	83.95	6,451	83.95	8.36	11
12. Golden Bay	3,960	28.79	999	141	1,140	420	2,170	528	430	46.32	528	46.32	5.04	12
13. Grey	20,510	32.55	5,766	920	6,686	2,185	14,079	3,796	1,689	25.30	1,689	25.30	19.32	13
14. Hawke's Bay	43,570	32.06	12,302	1,667	13,969	7,908	55,184	64.28	8,460	60.56	8,460	60.56	19.80	14
15. Horowhenua	25,170	43.81	9,018	2,008	11,026	4,528	29,657	50.21	4,941	44.81	4,941	44.81	11.51	15
16. Hutt Valley	95,030	28.81	24,974	2,403	27,377	15,428	105,381	61.78	16,345	59.70	16,345	59.70	30.74	16
17. King-country	10,500	16.22	1,601	102	1,703	409	2,728	25.55	469	27.54	469	27.54	4.14	17
18. Mairangi	4,750	22.97	955	136	1,091	311	1,619	32.57	216	19.80	216	19.80	4.66	18
19. Manawatu-Oroua	26,000	27.55	6,474	688	7,162	3,462	23,213	53.48	4,291	59.91	4,291	59.91	2.670	19
20. Marlborough	19,890	27.90	4,689	861	5,550	1,369	10,143	28.98	1,110	20.16	1,110	20.16	14.07	20
21. North Auckland	29,640	28.93	7,795	779	8,574	3,811	22,548	48.89	4,860	70.76	4,860	70.76	3.91	21
22. North Canterbury	16,320	32.32	4,776	499	5,275	2,210	12,824	46.27	2,181	41.35	2,181	41.35	4.96	22
23. Otago	6,300	26.08	1,442	201	1,643	872	5,251	60.47	1,282	78.03	1,282	78.03	7.11	23
24. Otago Central	26,620	29.91	6,231	1,199	7,430	1,468	10,993	23.40	1,514	38.55	1,514	38.55	7.29	24
25. Poverty Bay	9,440	29.51	2,332	454	2,786	899	4,941	38.55	1,074	38.55	1,074	38.55	4.26	25
26. South Canterbury	36,460	24.74	7,353	1,669	9,022	3,865	27,921	32.56	4,127	43.08	4,127	43.08	15.98	26
27. South Taranaki	27,440	26.00	6,329	830	7,159	2,045	13,638	47.60	2,324	60.58	2,324	60.58	6.94	27
28. Springs-Ellesmere	16,970	31.10	4,315	962	5,277	2,054	13,758	47.60	2,324	60.58	2,324	60.58	12.76	28
29. Taranaki	18,220	23.68	3,886	372	4,258	2,307	13,924	59.21	2,417	56.63	2,417	56.63	8.84	29
30. Tairāpiti	14,730	26.89	3,688	273	3,961	1,449	9,890	39.20	2,519	63.59	2,519	63.59	7.10	30
31. Tairāpiti	9,200	29.78	2,305	435	2,740	1,703	9,443	73.84	1,640	59.85	1,640	59.85	5.90	31
32. Tairāpiti	20,810	30.28	5,801	630	6,431	4,221	26,342	72.76	4,767	75.64	4,767	75.64	6.99	32
33. Te Awamutu	16,350	26.26	3,532	761	4,293	2,743	13,199	77.66	2,826	66.83	2,826	66.83	9.57	33
34. Teviot	3,330	19.91	464	199	663	373	2,385	80.39	331	53.34	331	53.34	8.29	34
5. Thames Valley	50,510	30.10	13,918	1,287	15,205	6,941	47,187	49.87	10,248	67.40	10,248	67.40	7.41	35

(For notes, see page 18.)

TABLE XIV—STATISTICS OF POPULATION, CONSUMERS, ELECTRIC RANGES, WATER-HEATERS, AND MILKING-MACHINES FOR THE YEAR ENDED 31 MARCH 1952—continued

Supply Authorities.	Population Included in Area of Supply.		Ratio of Consumers to Population in Area of Supply.	Consumers.			Ranges.			Water-heaters.			Milk-machines.		Consumers Per Route-mile of Line. (1)	No.
	Number.	Per Cent.		Domestic.	Commercial and Industrial.	Total.	Number. (1)	Total Kilowatts.	Per Cent.	Number.	Total Kilowatts.	Per Cent.	Number.	Horse-power.		
POWER BOARDS—continued																
36. Waimea ..	22,180	28.14	5,268	974	6,242	3,225	19,312	61.22	3,375	3,398	54.07	531	530	11.90	36	
37. Wairarapa ..	28,300	28.24	6,672	1,319	7,991	4,012	23,690	60.13	4,083	3,820	51.09	1,111	1,532	10.85	37	
38. Waikare ..	3,590	25.65	778	143	921	479	3,353	61.57	608	463	66.02	261	293	2.88	38	
39. Waoro ..	7,860	13.28	943	1,044	6,407	3,666	2,344	38.81	3,444	389	46.74	135	119	4.07	39	
40. Waitaki ..	19,640	32.62	5,383	1,024	6,407	3,177	20,416	59.02	3,229	3,461	50.40	174	118	9.52	40	
41. Waitakere ..	82,650	36.06	26,155	3,647	29,802	16,466	109,084	62.96	15,983	13,805	53.63	3,042	2,130	14.52	41	
42. Waitomo ..	13,490	24.14	2,737	519	3,256	1,785	11,877	65.22	1,904	1,708	60.32	609	866	8.04	42	
43. Wanganui-Rangitikei ..	53,570	28.32	12,724	2,449	15,173	5,266	34,672	41.39	5,985	4,929	30.44	1,496	1,174	12.82	43	
Totals ..	1,248,070	29.70	320,743	49,967	370,710	171,445	1,128,420	53.45	197,836	172,833	53.37	37,019	46,440	11.46		
CITY COUNCILS																
1. Christchurch ..	166,930	32.56	44,415	6,675	51,090	20,546	215,197	66.52	20,473	26,326	57.69	202	157	38.90	1	
2. Dunedin ..	99,650	31.90	28,175	3,617	31,792	9,986	60,256	35.44	15,446	19,506	49.58	277	374	44.72	2	
3. Hamilton ..	23,630	32.27	5,943	1,083	7,026	1,794	11,840	30.19	2,088	1,728	35.25	..	..	39.44	3
4. Invercargill ..	27,180	32.79	7,476	1,435	8,911	1,124	5,273	15.03	1,133	1,397	12.72	..	..	79.10	4
5. Napier ..	16,200	32.25	4,133	1,092	5,225	1,443	10,366	34.91	2,123	1,775	40.65	..	..	39.29	5
6. Nelson ..	15,580	31.41	4,030	804	4,834	1,098	9,300	27.25	2,426	2,312	49.57	..	..	71.86	6
7. New Plymouth ..	30,850	31.06	8,307	1,271	9,578	5,382	37,674	64.79	6,280	5,150	65.57	936	1,523	24.08	7	
8. Palmerston North ..	30,720	32.92	8,653	1,459	10,112	4,221	25,719	48.78	5,173	3,696	51.16	..	..	87.30	8
9. Timaru ..	20,310	31.62	5,253	1,170	6,423	2,289	15,173	43.58	2,443	3,857	38.07	..	..	86.93	9
10. Wellington ..	120,840	34.83	34,096	7,987	42,083	7,914	52,558	23.21	16,036	18,337	38.10	36	88	58.57	10	
Totals ..	541,890	32.80	150,481	27,353	177,734	64,797	443,356	43.06	83,222	83,994	46.82	1,451	2,142	40.31		
BOROUGH COUNCILS																
1. Bluff ..	2,270	32.60	604	136	740	177	790	29.30	104	134	14.05	..	..	60.45	1
2. Inglewood ..	1,560	38.33	445	153	598	223	1,512	50.11	217	199	36.29	17	13	39.87	2	
3. Kaapoi ..	2,270	33.30	641	115	756	336	2,267	52.42	342	378	45.24	4	7	45.96	3	
4. Lyttelton ..	3,300	32.98	952	166	1,118	363	2,475	38.13	385	441	20.96	6	6	66.69	4	
5. Ohakune ..	2,530	28.46	550	170	720	98	691	17.82	153	182	21.25	31	36	16.90	5	
6. Patea ..	2,210	29.91	525	136	661	347	2,295	66.10	329	268	49.77	36	41	22.36	6	
7. Raetihi ..	2,410	23.37	430	109	539	64	490	14.88	129	112	23.93	35	41	17.97	7	
8. Rangiora ..	2,840	38.27	956	131	1,087	402	2,725	42.05	534	562	49.13	..	..	71.87	8
9. Riccarton ..	8,180	29.40	2,291	114	2,405	1,417	9,480	61.85	1,585	1,299	65.90	..	..	91.62	9
10. Rotorus Electric Supply ..	20,130	32.12	5,283	1,183	6,466	2,041	13,458	38.63	2,376	1,995	36.75	475	498	25.04	10	
11. Stratford ..	4,600	32.96	1,105	351	1,516	636	4,775	54.59	630	586	41.56	15	12	68.67	11	
12. Taihape ..	2,360	33.43	586	203	789	180	1,230	30.72	181	181	22.94	2	2	68.61	12	
13. Taumarunui ..	3,280	38.75	1,017	254	1,271	237	1,611	23.30	251	185	10.75	14	13	43.39	13	
14. Tauranga ..	5,840	38.08	1,748	476	2,224	1,396	9,401	79.86	1,503	817	67.58	..	..	39.71	14
15. Te Aroha ..	2,710	37.93	755	273	1,028	402	2,802	53.25	426	327	41.44	14	24	23.34	15	
16. Thames ..	4,640	34.40	1,269	327	1,596	629	3,731	49.57	554	447	34.71	3	3	62.59	16	

(For notes, see page 18.)

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TABLE XIV—STATISTICS OF POPULATION, CONSUMERS, ELECTRIC RANGES, WATER-HEATERS, AND MILKING-MACHINES FOR THE YEAR ENDED 31 MARCH 1952—continued

Supply Authorities.	Population included in Area of Supply.	Ratio of Consumers to Population in Area of Supply.	Consumers.			Ranges.		Water-heaters.			Milk-machines.		Consumers Per Route-mile of Line. (1)	No.	
			Domestic.	Commercial and Industrial.	Total.	Number. (1)	Total Kilowatts.	Ratio, Number of Ranges to Domestic Consumers.	Number.	Total Kilowatts.	Per Cent.	Ratio, Number of Water-heaters to Total Number of Consumers.			Number.	Horse-power.
Borough Councils—continued															
17. Waioce	3,440	30.93	801	263	1,064	597	4,005	393	601	74.53	601	393	56.48	1	43.43
18. Waitara	3,220	31.55	838	178	1,016	382	2,493	315	401	45.58	401	315	39.47	26	60.66
19. Whakatane	3,950	31.39	950	290	1,240	586	3,426	599	599	50.58	599	368	48.31	17	35.68
20. Whangarei	12,280	31.14	3,114	710	3,824	1,716	10,054	1,118	1,563	55.11	1,563	1,118	40.87	..	44.43
Totals	94,110	32.58	24,920	5,738	30,658	12,200	79,717	10,257	12,813	48.99	12,813	10,257	41.79	696	37.43
Town Boards															
1. Kaponga	1,830	27.38	412	89	501	187	1,257	305	352	45.39	352	305	70.26	196	9.82
2. Mangaweka	380	41.05	110	46	156	51	306	66	66	46.36	66	51	42.31	13	13.57
Totals	2,210	29.73	522	135	657	238	1,563	418	418	45.50	418	356	63.62	209	10.43
County Councils															
1. Heathcote	4,380	26.76	1,165	7	1,172	838	4,824	1,073	979	71.93	979	1,073	83.53	4	14.40
2. Kaitiaki	1,650	25.88	328	99	427	33	82	7	5	10.06	5	7	1.17	4	47.44
3. Murchison	960	27.37	225	37	260	24	126	50	56	10.67	56	50	21.54	32	10.00
4. Uawa	540	24.56	114	17	131	..	..	..	..	..	..	..	..	..	37.43
Totals	7,520	26.46	1,832	158	1,990	895	5,032	1,130	1,040	48.85	1,040	1,130	52.26	40	10.58
Companies															
1. Kanieri Electric, Ltd. ³	3,120	34.07	849	214	1,063	309	2,168	244	252	36.40	252	244	23.71	..	34.20
2. Wilsons (N.Z.) Portland Cement	1,420	6.34	74	16	90	49	316	67	67	66.22	67	55	74.44	37	2.31
3. Westland Power, Ltd. ³	3,840	19.85	652	91	743	127	831	181	166	19.48	166	181	22.34	123	6.94
Totals	8,380	22.63	1,575	321	1,896	485	3,315	480	485	30.79	485	480	25.58	160	10.72
GRAND TOTALS	1,953,960	30.68	513,776	85,725	599,501	255,571	1,695,422	274,706	300,428	49.74	300,428	274,706	50.11	41,572	13.74

Notes.—(1) Only ranges requiring permits for connection to electric supply, therefore not comparable with statistics published prior to 1948. (2) Route-miles of lines now include service lines, therefore not comparable with statistics published prior to 1948. (3) Returns for year ended 31 December 1951.

TABLE XVII—STATISTICS RELATING TO ELECTRICAL WIREMEN'S REGISTRATION BOARD FOR YEAR ENDED
31 MARCH 1952

(The figures in parentheses are for the previous year)

1. Number of Board meetings: 13 (15).

2. Registrations—

	During Year.	Total.	Current.
Inspectors	38 (48)	1,091 (1,053)	465 (457)
Electrical wiremen	270 (302)	6,409 (6,139)	5,552 (5,279)
Electrical servicemen Class "D"	32 (33)	331 (299)	295 (260)
Electrical servicemen, Class "E" (including radio)	47 (59)	513 (466)	509 ()
Electrical servicemen, Class "E" (excluding radio)	1 (1)	41 (40)	
Limited registration	19* (20)	1,340† (1,321)	875 (848)
Provisional licences	112 (133)	1,467 (1,355)	()
Re-registrations after periodical purging	25 (28)	329 (304)	()

3. Examinations—

	Candidates	Passed, Per Cent.	Highest Marks.
Wiremen—			
Written	527 (640)	52	91 (96)
Practical	372 (428)	76	100 (94)
Servicemen—			
Written	215 (129)	55	91 (90)
Practical	207 (152)	56	94 (94)

4. Defective work reports, 18 (8); endorsements made, 1 (1); endorsements removed, nil (3).

5. Breach of Act reports, 61 (77); prosecutions authorized, 39 (70).

* Includes work in mines, 1; luminous-discharge-tube installers, 0; servicemen (supply authority), 3; work in any Government railway-station, railway workshop, and railway line, 1; servicing calculating machines and like office appliances up to and including the plug top, 8. † Includes radio servicemen registered prior to the introduction in 1939 of examinations for Electrical Servicemen Class "E" and includes other miscellaneous registrations.

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