

TABLE IX.—STATISTICS OF POPULATION, CONSUMERS, SYSTEM VOLTAGES, ROUTE-MILES OF LINES, ETC., FOR THE YEAR ENDED 31ST MARCH, 1938.

NOTE.—In the column describing the Source of Supply the following abbreviations are used: G.N. = Government supply, North Island system; G.S. = Government supply, South Island system; I. = Independent supply (own generating-plant); B. = Bulk supply from another authority.

Supply Authority.	Source of Supply.	Year when Supply commenced.	Population included in Area of Supply.	Number of Consumers.	Ratio of Consumers to Population in Area of Supply.	Voltage.				Distribution Transformers.		Route-miles of Lines.	Consumers per Route-mile of Line.	Static Head.	Street Lighting System.	No.
						Generation.	Transmission.	Primary Distribution.	Secondary Distribution (and System of Supply).	Number.	Total kVA.					
PUBLIC WORKS DEPARTMENT.																
1. Arapuni-Mangahao-Waikaremoana	I.	1921	..	388	%	{ 11,000 6,600 5,000 }	{ 110,000 50,000 }	{ 11,000 3,300 }	400/230 A.C.	58	5,292	1,285	..	{ Ft. Arapuni=175 Hora Hora=27 Mangahao=896 Waikaremoana=676 Coleridge=480 Waitaki=70 Arnold River=42 Monowai=154 }	..	1
2. Coleridge - Waitaki - Arnold River	I.	1915	..	124	..	{ 11,000 6,600 }	{ 110,000 66,000 33,000 }	{ 11,000 6,600 }	400/230 A.C.	64	4,735	680	..	..	..	2
3. Southland Electric - power Supply ⁴	I.	1925	48,875	10,886	22.24	6,600	66,000	{ 11,000 3,300 }	400/230 A.C.	1,624	19,007	2,492	4.4	..	Series and Parallel	3
Totals, P.W.D.	..	..	48,875	11,398	..	..	..	..	..	1,746	29,034	4,457	..	..	..	..
ELECTRIC-POWER BOARDS.																
1. Ashburton	G.S.	1923	19,070	4,425	23.20	400 (s)	..	{ 11,000 6,600 }	400/230 A.C.	901	9,578	952	4.6	..	Series	1
2. Auckland	G.N.	1908	225,000	58,342	25.93	6,600 (s)	22,000	{ 11,000 6,600 6,600 }	400/230 A.C. 460/230 D.C.	975	52,028	1,198	48.7	..	Series and Parallel	2
3. Banks Peninsula	G.S.	1921	3,777	1,071	28.36	3,300 (s)	33,000	{ 11,000 6,600 3,300 }	400/230 A.C.	185	1,641	213	5.0	310	Parallel	3
4. Bay of Islands ⁵	..	..	..	..	..	..	..	{ 11,000 3,300 }	400/230 A.C.	..	..	..	..	..	Series	4
5. Bay of Plenty	..	..	..	..	..	..	..	{ 11,000 3,300 }	400/230 A.C.	..	..	..	..	..	Series	5
6. Buller ¹	..	..	..	..	..	..	..	{ 11,000 3,300 }	400/230 A.C.	..	..	..	..	..	Series	6
7. Cambridge	..	..	..	..	..	..	..	{ 11,000 3,300 }	400/230 A.C.	..	..	..	..	..	Series	7
8. Central Hawke's Bay	G.N.	1925	11,100	1,930	17.38	..	..	{ 11,000 6,600 3,300 }	400/230 A.C.	293	4,172	257	7.5	..	Parallel	8
9. Central Waikato	G.N.	1921	19,400	6,091	31.39	..	..	{ 11,000 6,600 3,300 }	400/230 A.C.	395	8,889	795	7.7	..	Parallel	9
10. Dannevirke	G.N.	1925	13,157	3,001	22.80	..	..	{ 11,000 6,600 }	400/230 A.C.	264	2,583	345	8.7	..	Series	10
11. Franklin	G.N.	1925	19,980	4,610	23.07	..	..	{ 11,000 6,600 }	400/230 A.C.	438	7,970	680	6.8	..	Parallel	11
12. Golden Bay	I.	1929	1,520	447	29.41	400	..	{ 11,000 6,600 }	400/230 A.C.	64	1,092	73	6.12	330	Parallel	12
13. Grey	G.S.	1926	14,320	4,226	29.50	3,300	33,000	{ 11,000 6,600 }	400/230 A.C.	134	7,724	258	16.4	..	Series	13
14. Hawke's Bay	G.N.	1927	31,179	7,845	25.20	3,300 (s)	..	{ 11,000 3,300 }	400/230 A.C.	299	7,535	421	18.6	..	Series and Parallel	14
15. Horowhenua	G.N.	1924	17,500	5,195	29.70	..	..	{ 11,000 6,600 }	400/230 A.C.	200	6,855	346	15.0	..	Series and Parallel	15
16. Hutt Valley	G.N.	1925	48,200	13,488	27.98	..	..	{ 11,000 6,600 }	400/230 A.C.	186	11,432	304	44.4	..	Series and Parallel	16
17. Lake Wakatipu ¹	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17

(For notes, see page 135.)