

TABLE X.—RESULTS OF GENERATION AND DISTRIBUTION FOR YEAR ENDED 31st MARCH, 1936—continued.

NOTE.—In the columns detailing the capacity of generating plant the following symbols are used to denote the type of prime mover: * Water; † Steam; ‡ Oil; § Gas.

Supply Authority.	Capacity of Generating Plant.			Connected Load.			Units.				Annual Load			Units sold (Average).			Average Maximum Demand per Consumer.			
	Main Plant.	Standby Plant.	Maximum Load.	Including Bulk Supply.		Excluding Bulk Supply.	Generated.				Total generated and purchased.	Sold.		Per Head of Population.	Per Retail Consumer.					
				Kw.	Kv.a.		Kw.	%	No.	No.		No.	No.		No.	No.		No.	No.	No.
OTHER LOCAL AUTHORITIES— <i>all.</i>																				
Town Boards.																				
1. Havelock North ..	Kw. 144*	Kv.a. 160	122		Kw. 845	14.44	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	Kw.			
2. Kamo ..	..	..	75	..	..	369	20.30	..	..	176,773	598,973	..	487,375	40,898	1,562	56	0.39
3. Kaponga ..	..	..	218	..	..	765	23.50	..	..	72,400 ¹⁶	72,400	..	72,400 ¹⁶	121	588	33	0.61
4. Mangaweka ..	..	..	33	..	..	296	11.15	..	..	913,340	760,620	..	597,448	163,172	1,608	32	0.59
5. Manunui ..	..	..	25	..	..	127	19.70	..	..	183,587	183,587	..	144,763	38,824	1,206	57	0.27
Totals, Town Boards ..	240	380	..	..	2,402	..	..	..	..	708,898	1,577,618	..	1,330,786	246,832	1,218	38	..
County Councils.																				
1. Heathcote ..	..	..	736	..	5,920	12.43	..	..	..	2,593,995	2,593,995	..	2,269,746	324,249	1,774	87	0.58
2. Kaikoura ..	..	378	43	..	139	30.90	..	39,390	11,100	..	50,490	..	42,766	7,724	256	14	0.26		
3. Murchison ..	80*	100	70	..	373	18.77	218,900	23,790	..	..	218,900	..	163,480	55,420	870	24	0.37	
4. Uawa ..	..	D.C.	14	..	74	18.92	..	..	..	..	23,790	..	15,726	8,064	157	8	0.14
5. Waimairi ..	..	..	1,431	..	15,890	9.00	..	..	..	6,432,851	6,432,851	..	5,834,566	648,285	1,666	94	0.41
Totals, County Councils	158	260	37	47	22,396	..	218,900	63,180	11,100	9,076,846	9,370,026	..	8,322,542	1,043,742	1,590	83	..			
Totals, other Local Authorities	26,736	53,236	22,121	..	561,362	..	102,918,950	416,111,677	771,227,616	766	3,077,911	334,707,509	..	269,078,665	44,353,506	1,706	79	..		
COMPANIES.																				
1. Alderton Utility Co. ..	88*	100	76	..	259	29.30	254,898	..	..	..	254,898	..	216,000	38,898	3,350	93	1.19
2. Kanieri Electric, Ltd. ..	1,500*	1,806	1,120	167	1,887	46.40	5,614,800	9,980	..	..	5,624,780	4,491,165	4,233,438	1,138,615	768 ¹⁹	206	..	
3. Reefton Electric Light and Power Co., Ltd. ..	98*	D.C.	110	D.C.	179	61.50	186,060	..	..	..	186,060	..	139,545	46,515	370	22	0.29
4. P. Spender (Rawene) ..	25†	D.C.	13	D.C.	66	19.70	..	7,931	..	..	7,931	..	7,731	200	146	..	..	
5. Wilson's (N.Z.) Portland Cement, Ltd. ..	2,000*	2,500	2,200	3,750	6,098	16.87	12,987,300	..	..	..	12,987,300	11,599,781	8,877,581	1,387,519	863 ²⁰	..	0.25
6. Westland Power, Ltd. ..	876*	1,008	740	625†	1,650	44.85	2,038,629	55,000	..	237,727	2,351,356	..	2,007,980	343,376	2,406 ²¹	73	..			
Totals, Companies ..	4,587	5,414	..	4,792	10,139	..	21,081,687	72,911	..	257,727	21,412,325	..	15,482,525	2,950,123	147 ²²	930 ²³	191	..		
Totals, all Supply Authorities	235,403	281,432	93,407	..	1,342,577	..	982,494,278	1,099,824	677,771,731	541,817	775,590,008	213,931,857	21,62 ¹⁸	489 ²⁴	2,006 ²⁵	48	..	

TABLE A.—SUMMARY OF TOTALS RELEVANT TO TABLE X.

Supply Authority.	Units generated.		Population included in Area of Supply.	Number of Consumers.		Capital invested in Transmission and Distribution Systems.
	Number.	£	Number.	Number.	£	
Public Works Department	..	792,864,909	..	395	3,603,185	9,031,101
Electric-power Boards	68,209,406	905,410	196,352	9,031,101	
Other Local Authorities—	..	74,121,923	308,191	110,323	2,531,529	81,116
City Councils	31,807,460	152,596	41,034	731,606	
Borough Councils	868,780	4,211	1,092	34,391	
Town Boards	293,180	21,570	5,235	99,976	
County Councils	107,090,743	546,568	157,684	3,398,002	16,113,404
Totals for other Local Authorities	..	21,154,598	9,792	1,542	81,116	
Companies	989,319,656	1,461,770	355,973	16,113,404	
Totals for all Supply Authorities..

NOTES.—¹ Not actively functioning. ² Distribution system under construction; supply not yet commenced. ³ License deleted to Westland Power, Ltd. ⁴ No returns received. ⁵ Christchurch Tramway Board's standby plant available when required. ⁶ Limited to 30 kw. by Pelton wheel capacity. ⁷ Includes 2,102,765 units generated for Public Works Department by Wairarapa Power Board's stations at Koroara. ⁸ 2,102,765 units of this amount included in units generated by Arapuni-Mangahao-Waikaremoana system; balance only added to totals for Power Boards. ⁹ 2,102,765 units generated for Public Works Department by Wairarapa Power Board not included in this total (see Notes 7 and 8). ¹⁰ Includes 1,922,100 units generated for Public Works Department by Auckland Power Board's steam station, and 47,772 units generated by Wellington City Council's steam station. ¹¹ 1,814,200 units supplied to Auckland Power Board's system but included in units generated for Public Works Department by steam stations, and added to totals for Power Boards. ¹² 47,772 units of this amount included in units generated for Public Works Department by steam stations, and not added to totals for City Councils. ¹³ Does not include 47,772 units generated for Public Works Department by Wellington City Council's steam plant (see Note 12). ¹⁴ Includes units lost in transmission and distribution, units used free of charge, units used for station auxiliaries, &c. ¹⁵ Tauranga Power Board pays on units measured at consumers' meters; losses included in Tauranga Borough Council's system losses. ¹⁶ Percentage of total units generated and purchased. ¹⁷ Percentage of total units generated and purchased. ¹⁸ Excludes units supplied to Wanganui (2,721,950) and to Cement Works (8,729,398). ¹⁹ Excludes units supplied for mining purposes (1,639,764). ²⁰ After deducting from units sold retail 14,048,122 units supplied for mining and cement manufacture. ²¹ After deducting from units sold retail 61,216,067 units supplied for traction, mining, and cement manufacture. Without this deduction the figures are: Per head of population, 0.311; and per retail consumer, 0.2178. ²² To nearest unit. ²³ Excludes maximum load of tramway systems. ²⁴ New generating station at Roaring Meg commenced supplying power on 19th March, 1936.