Table X.—Results of Generation and Distribution for Year ended 31st March, 1938.

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. Main Plant.		Capacity of Generating Plant. Standby Plant.		Maximum Load.	Connected Load. Including Bulk Supply.	Connected Load. Excluding Bulk Supply.	Demand Factor.	Units. Generated. Water.	Generated. Steam.	Generated. Oil.	Generated. Gas.	Purchased.	Total generated and purchased.	Sold. Including Bulk Supply for Resale.	Sold. Retail to Consumers.	Non-productive.[17]	Percentage Non-productive.[17]	Annual Load Factor.	Units sold (Average). Per Head of Population.	Per Consumer (excldg. Bulk and Traction Supplies).	Per £1 of Distribution Capital.[18]	Average Maximum Demand per Consumer.	No.
	kW.	kVA.	kW.	kVA.	kW.	kW.	kW.	%	kWh.	kWh.	kWh.	kWh.	kWh.	kWh.	kWh.	kWh.	kWh.	%	%	kWh.	kWh.	kWh.	kW.	
Public Works Department.																								
1. Arapuni-Mangahao-Waikaremoana	165,000*	195,810	3,750‡ 1,500† 1,100†[10]	4,689 1,875 1,100	143,240	1,064,571	28,578	13·46	796,303,987[11]	2,013,722[12]	34,477[13]	..	1,814	798,354,000	720,490,034	34,729,226	77,863,966	9·75	63·60	..	..	215	..	1
2. Coleridge-Waitaki-Arnold River[1]	67,560*	77,572	5,760‡	7,200	51,860	462,877	24,140	11·20	241,646,155	..	745,620	..	..	242,391,775	205,579,104	20,739,351	36,812,671	15·18	53·40	..	..	128	..	2
3. Southland Electric-power Supply[2]	6,000*	7,050	..	..	7,520	64,113	43,469	11·73	31,176,950	726,990	..	..	..	31,903,940	23,557,484	15,606,623	8,346,456	26·16	48·45	320	1,434	18	0·465	3
Totals, P.W.D. ..	238,560	280,432	12,110	14,864	..	1,591,561	96,187	..	1,069,127,092	2,740,712	780,097	..	1,814	1,072,649,715	949,626,622	71,075,200	123,023,093	11·47[19]	..	..	..	152	..	
Electric-power Boards.																								
1. Ashburton	..	..	160‡	200	2,130	..	18,362	11·60	..	..	32,291	..	10,136,000	10,168,291	..	7,967,561	2,200,730	21·60	54·50	418	1,801	23	0·482	1
2. Auckland	..	..	35,550† 5,610†	43,940 D.C.	49,914	..	285,115	17·51	..	..	..	..	218,891,032	218,891,032	..	187,618,909	31,272,123	14·29	50·06	834	2,873	84	0·718[27]	2
3. Banks Peninsula	..	..	72*	90	587	..	5,547	10·58	58,453	..	..	..	2,706,622	2,765,075	..	2,024,366	740,709	26·79	53·77	536	1,890	20	0·548	3
4. Bay of Islands[3]	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
5. Bay of Plenty	..	..	..	..	1,677	..	8,239	20·35	..	..	..	..	11,388,691	11,388,691	10,089,014	9,906,693	1,299,677	11·41	77·60	944	5,476	49	0·896	5
6. Buller[4]	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6
7. Cambridge	..	..	..	..	1,026	..	4,430	23·17	..	..	..	..	6,565,150	6,565,150	..	5,383,423	1,181,727	18·00	73·00	897	3,428	50	0·654	7
8. Central Hawke's Bay ..	..	..	..	..	997	..	6,999	14·25	..	..	..	..	5,616,045	5,616,045	..	4,907,189	708,856	12·62	64·30	442	2,542	30	0·517	8
9. Central Waikato	..	..	..	..	3,672	25,318	25,308	14·50	..	..	..	..	22,100,935	22,100,935	18,962,792	18,938,865	3,138,143	14·20	68·70	978	3,109	45	0·602	9
10. Dannevirke	..	..	..	..	976	..	9,960	9·80	..	..	..	..	5,738,691	5,738,691	..	5,060,374	678,317	11·82	67·15	385	1,686	22	0·325	10
11. Franklin	..	..	..	..	3,186	..	16,213	19·64	..	..	..	..	20,319,268	20,319,268	..	16,572,020	3,747,248	18·43	72·90	830	3,596	49	0·691	11
12. Golden Bay	175*	250	..	..	204	..	1,226	16·64	891,630	..	..	..	113,100	1,004,730	..	857,650	147,080	14·65	56·22	564	1,918	39	0·456	12
13. Grey	..	..	..	..	3,002	..	14,833	20·25	12,031,437[14]	384,230	..	..	3,426,512	15,842,179	..	14,008,409	1,833,770	11·57	60·25	978	3,310	82	0·711	13
14. Hawke's Bay	..	..	520‡ 567‡ 144*	650 D.C. 160	5,524	48,305	36,107	11·43	..	..	(9,768)[15]	..	33,515,224	33,524,992	29,613,590	18,718,190	3,911,402	11·67	69·28	600	2,386	81	0·456	14
15. Horowhenua	..	..	..	..	2,886	..	19,205	15·03	..	..	..	..	14,148,679	14,148,679	..	12,836,062	1,312,610	9·28	55·97	734	2,471	51	0·555	15
16. Hutt Valley	..	..	..	..	7,464	..	57,615	12·95	..	..	..	..	35,646,726	35,646,726	..	31,231,294	4,415,432	12·38	54·50	648	2,315	83	0·554	16
17. Lake Wakatipu[4]	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17
18. Malvern	..	..	..	..	257	..	3,127	8·22	..	..	..	..	1,106,952	1,106,952	..	806,158	300,794	27·17	49·20	227	1,117	11	0·356	18
19. Manawatu-Oroua	..	..	..	..	6,150	50,772	24,747	12·11	..	..	..	..	35,556,622	35,556,622	34,437,050	16,784,050	1,119,572	3·15	66·00	805	3,086	74	0·480	19
20. Marlborough	1,000*	1,250	1,356‡	1,695	1,020	..	12,062	8·47	5,347,625	..	277,940	..	..	5,625,565	..	4,232,040	1,393,525	24·78	63·00	291	1,363	20	0·328	20
21. North Auckland[5]	..	..	..	..	648	..	9,682	6·69	..	..	..	..	2,439,110	2,439,110	..	2,132,588	306,522	12·57	43·00	78	552	16	0·329	21
22. North Canterbury	..	..	..	..	1,625	14,772	11,186	11·00	..	..	..	..	7,811,200	7,811,200	6,370,453	4,963,873	1,440,747	18·44	54·87	317	1,855	33	0·473	22
23. Opunake	315*	450	148‡	185	536	..	3,707	14·47	(949,350)[15]	..	(7,949)[15]	..	1,450,554	2,407,853	..	1,879,454	528,399	21·96	51·30	278	1,641	26	0·468	23
24. Otago Central	1,600*	2,000	..	..	1,050	..	3,811	27·55	5,403,450	..	..	..	..	5,403,450	..	4,413,772	989,678	18·32	58·80	950	4,090	45	..	24
25. Otago	..	..	..	..	1,643	..	13,721	11·97	..	..	..	..	7,831,220	7,831,220	..	6,135,531	1,695,689	21·65	54·40	342	1,370	20	0·367	25
26. Poverty Bay	..	..	680‡ 300‡	850 D.C.	3,123	..	27,180	11·49	..	..	221,130	..	14,037,086	14,258,216	..	12,952,727	1,305,489	9·16	52·12	508	2,303	45	0·555	26
27. Reefton[4]	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	27
28. South Canterbury	..	..	29*	36	4,320	39,240	19,040	11·00	3,073	..	..	..	20,614,400	20,617,473	18,328,904	8,702,504	2,288,569	11·10	54·50	436	1,813	53	0·437	28
29. South Taranaki	..	..	555* 485‡	692 607	2,109	13,438	12,437	15·70	1,974,617	..	79,483	..	8,880,433	10,934,533	9,307,090	8,564,480	1,627,443	14·88	59·20	428	2,328	51	0·539	29
30. Springs-Ellesmere	..	..	..	..	1,826	..	11,683	15·63	..	..	..	..	7,539,627	7,539,627	..	6,351,809	1,187,818	15·75	47·14	515	1,404	39	0·398	30
31. Taranaki	4,800*	5,400	..	..	2,772	17,497	10,170	15·84	15,506,800	..	..	..	226,310	15,733,110	12,437,093	7,457,433	3,296,017	20·95	64·80	533	2,652	47	0·567	31
32. Tararua	..	..	..	..	900	..	9,586	9·39	..	..	..	..	5,311,442	5,311,442	..	4,880,900	430,542	8·11	67·40	602	2,534	30	0·467	32
33. Tauranga	..	..	..	..	..	..	8,031	..	..	..	..	..	7,279,016[22]	7,279,016[22]	..	7,279,016[22]	..	[22]	..	702	3,557	45	..	33
34. Te Awamutu	..	..	..	..	1,545	..	10,048	15·38	..	..	..	..	9,471,224	9,471,224	..	8,296,265	1,174,959	12·40	70·00	854	3,599	40	0·670	34
35. Teviot	750*	939	..	..	480	..	1,643	29·21	2,007,950	..	..	..	..	2,007,950	..	1,826,853	181,097	9·02	47·75	956	4,113	47	1·081	35
36. Thames Valley	..	..	..	..	5,792	44,352	39,465	13·06	..	..	..	..	38,053,619	38,053,619	33,745,692	30,806,136	4,307,927	11·32	75·00	764	3,428	40	0·588	36
37. Waimea	390*	482	110‡	137	550	..	8,439	6·52	1,638,629	..	42,517	..	242,930	1,924,076	..	1,331,766	592,310	30·80	40·00	144	572	13	0·236	37
38. Wairarapa	..	..	837*	1,188	2,520	..	26,715	9·43	(2,023,992)[15]	..	..	..	12,247,878	14,271,870	..	12,822,949	1,448,921	10·15	64·70	654	2,275	46	0·447	38
39. Wairere	490*	700	..	..	389	..	2,597	14·98	1,833,462	..	..	..	..	1,833,462	..	1,473,462	360,000	19·63	53·80	590	3,411	29	0·900	39
40. Wairoa	..	..	..	..	1,128	6,592	3,290	17·12	..	..	..	..	5,693,003	5,693,003	5,163,219	2,574,841	529,784	9·31	57·60	369	2,250	78	1·145	40
41. Waitaki	..	..	120* 192‡	150 240	2,415	..	18,314	13·17	111,736	..	29,061	..	11,461,800	11,602,597	..	9,796,879	1,805,718	15·57	54·90	544	2,200	54	0·542	41
42. Waitemata	..	..	..	..	5,314	..	56,666	9·38	..	..	..	..	27,356,770	27,356,770	..	24,229,406	3,127,364	11·43	58·80	497	1,820	47	0·399	42
43. Waitomo	..	..	..	..	1,080	..	7,573	14·26	..	..	..	..	5,843,280	5,843,280	..	5,045,856	797,424	13·65	61·80	531	3,152	44	0·675	43
44. Wanganui-Rangitikei ..	..	..	500†	625	5,424	48,450	46,656	..	..	..	..	..	29,496,833	29,496,833	25,569,914	25,222,071	3,926,919	13·31	62·08	482	2,150	60	0·476[27]	44
45. Westland[6]	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	45
Totals, Power Boards ..	9,520	11,471	47,935	51,445	..	..	910,735	..	46,808,862	384,230	682,422	..	650,263,984	698,139,498[16]	..	556,993,824	92,751,051	13·28[19]	..	634	2,660	54	..	

(For notes see page 138.)