

REGULATIONS FOR ELECTRIC LINES.

Revised regulations for the control of electric lines have been drawn up after very exhaustive investigation which has extended over the whole year. Owing to the rapid evolution which is taking place in the development of electric supply this matter has been given very careful attention. The British precedents are not as useful as would otherwise be the case owing to the fact that in Great Britain electric supply is practically limited to the cities and industrial areas, whereas in New Zealand it is found that most profitable use of electrical energy can be made on the farm and in the country districts. The regulations have been amended especially to meet these circumstances, and it is expected that extensive use will be made of light overhead country lines for supplying the farms and dairies throughout the districts in which electric supply is available.

LICENSES FOR ELECTRIC LINES.

Licenses were issued during the year for the following electrical-supply installations: Eyre County; Kaiapoi Borough; Rangiora Borough; Dunedin City Council (amending); New Plymouth Borough (amending); Opotiki County (portion); and for seven private installations.

INSPECTION OF ELECTRIC LINES.

Owing to shortage of staff due to the war only one officer has been available during the year for routine inspection work, but this has been carried on as fully as was possible under the circumstances.

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ELECTRIC-SUPPLY STATIONS OF NEW ZEALAND.

Place.	Authority.	Population.	Consumers.	Power.	Capacity in Kilowatts.		
					Installed.	Maximum Load.	
North Island.							
Auckland	City	64,951	2,696	Steam ..	5,650	3,750	
Bull's	Private	483	118	Gas ..	26	18	
Devonport	Company	7,613	400	Gas ..	240	130	
Eketahuna	Borough	754	194	Gas ..	65	29	
Feilding	Borough	3,438	611	Oil ..	150	120	
Gisborne	Borough	9,174	1,364	Oil ..	300	..	
				Steam ..	350	335	
Hamilton	Borough	7,538	374	Steam ..	180	150	
Hastings	Borough	7,918	1,550	Oil ..	360	340	
Havelock North ..	Town Board ..	870	50*	Bulk ..	..	..	
Hawera	Company	3,375	400*	Water ..	405	242	
Huntly	Town Board ..	1,535	220	Steam ..	225	40	
Inglewood	Borough	1,199	380	Water ..	120	149	
Kaponga	Town Board ..	397	73	Water ..	45	38	
Mangaweka	Town Board ..	390	90	Water ..	35	24	
Martinborough ..	Town Board ..	725	170	Gas ..	27	30	
Napier	Borough	12,704	926	Gas ..	490	503	
Ngaruawahia	Borough	950	184	Gas ..	70	30	
New Plymouth ..	Borough	8,704	2,107	Water ..	740	542	
Ohakune	Borough	1,371	140	Water ..	120	43	
Opotiki	Private	1,073	210	Gas ..	36	40	
Pahiatua	Borough	1,300	38	Gas ..	35	14	
Patea	Borough	1,010	120	Water ..	90*	75*	
Pukekohe	Borough	1,533	120	Gas ..	75	84	
Raetihi	Town Board ..	508	135	Water ..	60	40	
Rotorua	Government ..	2,845	714	Water ..	200	200	
Stratford	Borough	2,713	860	Water ..	90	..	
				Oil ..	145	160	
Taihape	Borough	1,927	412*	Water ..	100	103	
Tauranga	Borough	1,685	420*	Water ..	160	150	
Te Aroha	Borough	1,452	402	Water ..	90	..	
				Gas ..	60	..	
				Oil ..	180	65	
Te Kuiti	Borough	1,982	117	Gas ..	185	85	
Thames	Borough	3,273	830	Water ..	100	..	
				Oil ..	105	214	
Waihi (Horahora) ..	Company	..	..	Water ..	6,300	3,000	
Wairoa	Borough	1,530	250	Gas ..	56	56	
Wairua Falls	Company	..	..	Water ..	2,500	1,375	
Waitara	Borough	1,422	267	Gas ..	82	56	
Wanganui	Borough	14,380	12	Gas ..	375	227	
Waverley	Town Board ..	625	70	Water ..	30	8	
Wellington	City	73,305	16,520	Steam ..	4,800	3,399	
Whangarei	Borough	3,294	500*	Bulk ..	..	..	
Totals		249,946	34,044	..	25,452	15,864	

* Figure assessed, returns not to hand.