

ELECTRIC LIGHT AND POWER LICENSES.

Licenses under the Public Works Act have been issued to the following: Wellington City Council (two—Revans Street and Molesworth Street); Christchurch Tramway Board (Lincoln Road); Sumner (two); Tokomaru Sheep-farmers' Freezing Company; Ellis and Burnand, of Manunui; Whangarei Borough Council (amending license); Tai Tapu Co-operative Dairy Company; Opotiki Borough Council (extensions); New Zealand Coal and Oil Company, Kaitangata (two); Otago Charitable Aid Board, Kaitangata; Winton Borough Council (extensions); H. J. Hodgson, Murchison; Auckland City Council (Epsom Road District); Ross Goldfields (Limited); Wanganui Borough Council (extensions); Hawke's Bay Farmers' Meat Company, Whakatu; Tinwald Town Board; C. G. Bouzaid, Greytown; W. Carr, Blenheim; Upper Ashburton Road Board; Napier Borough Council (extensions); Huntly Town Board; Oamaru Borough Council; F. Redwood, Spring Creek; J. Chambers, Havelock North; Spreydon Borough Council; Sumner Borough Council; Woolston Borough Council; Reefton Electric Light and Power Company.

The following installations have been inspected during the year: New Plymouth Borough Council, Waitara Borough Council, Inglewood Borough Council, Stratford Electric Light Company, Eltham Bacon Company, Hawera Electric Light Company, Patea Borough Council, Wanganui Borough Council, Feilding Borough Council, Wellington City Council, Havelock North Town Board, Napier Borough Council, Hastings Borough Council, Devonport Borough Council, Christchurch City Council, Tai Tapu Co-operative Dairy Company, Tauranga Borough Council, Te Aroha Borough Council, Stephenson and Cook (Port Chalmers), New Zealand Coal and Oil Company (Kaitangata), Otago Charitable Aid Board (Kaitangata), Winton Borough Council, Invercargill Borough Council, Tokomaru Sheep-farmers' Company (Tokomaru Bay), Tokomaru Farmers' Co-operative Association (Tokomaru Bay), J. F. Pettie (Waipiro Bay), Gisborne Borough Council, C. G. Bouzaid (Greytown), Hawke's Bay Meat Company (Whakatu). In addition to the above the electric lines belonging to the Department in the Christchurch District have been inspected.

The following licenses are under consideration: James Thomson, Murchison; Robert Ellis, Brightwater (extension); Wairoa Borough Council; Te Reinga Falls; Invercargill Borough Council (extensions, Southland County); Rising Sun Gold-mining Company, Waihi; Pahiatua Borough Council.

The regulations referred to in last year's report have fulfilled the purpose for which they were drafted, and have been found generally satisfactory, but as a result of a year's operation a few slight modifications and amendments to meet existing conditions have been found necessary, and the regulations are about to be reissued embodying these requirements.

I have, &c.,
EVAN PARRY,
Chief Electrical Engineer.

LAKE COLERIDGE ELECTRIC-POWER SUPPLY.—SUMMARY OF LOAD RETURNS FOR YEAR ENDING 31ST MARCH, 1916.

Maximum output—					
Power-house	..	..	..	..	1,328 kilowatts.
Substation	..	..	..	..	1,220 "
Average load—					
Power-house	..	..	..	..	555 "
Substation	..	..	..	..	471 "
Load factor—					
Power-house	..	..	..	..	41.8 per cent.
Substation	..	..	..	..	38.6 "
Units generated	..	..	..	..	4,860,260 units.
„ sold	..	..	..	..	3,994,757 "
„ lost in transmission	..	..	..	..	732,028 "
„ lost in distributing	..	..	..	..	135,465 "

Connected Load in Kilowatts on 31st March, 1916.

	Private Lighting.	Street-lighting.	Power.	Heating.
	Kw.	Kw.	Kw.	Kw.
City	2,184	150	2,593	1,000
Waimairi County	61	1	10	64
Heathcote County	18	3	5	30
Spreydon Borough	5	2	15	6
Riccarton Borough	20	1	2	18
Tai Tapu	21	1	61	28
Paparua County	21	..	20	22
Wholesale consumers	40	..	466	25
	2,370	158	3,172	1,193

Total, 6,893 kw.; maximum load, 1,220 kw.; ratio 5.65.