

or otherwise as the Minister may from time to time require, a yearly rental of one-twentieth of a penny per unit for each unit generated and as recorded by a wattmeter to be installed by the licensee.

#### 8. GRANTING OF OTHER WATER-RIGHTS.

Nothing herein shall prevent the Governor in Council from granting to any person or body corporate other than the licensee a license to take water from any portion of the said stream, except at the place where the licensee is by this license empowered to take it; provided that no such license shall so operate as to reduce the natural fall between the headworks and tail-water, or the volume of the water which the licensee is by this license authorized to take from the said stream.

#### 9. FINES.

If the licensee fails or neglects—

- (a.) To use or maintain the said works, after completion, so as to secure the full benefit of the undertaking; or
- (b.) To observe any of the conditions or obligations herein imposed,—

then and in any such case the Governor may by Order in Council revoke this license.

#### 10. SERVICE OF NOTICE.

Notwithstanding anything in the last preceding clause, this license shall not be revoked, and no proceedings shall be taken for the recovery of a fine in respect of the breach thereof unless and until notice in writing of the intention so to revoke the license or to take such proceedings has been served upon the licensee, or placed upon some principal or conspicuous part of the works, and default has been made by the licensee in repairing or remedying the breach or breaches specified in the said notice for the following periods:—

- (a.) For any breach which in the opinion of the Governor can be met by a fine, for thirty days after the service of such notice.
- (b.) For any breach which in the opinion of the Governor is of such a nature as to require the revocation of this license, for ninety days after the service of such notice.

#### 11. VARIATION IN CONDITIONS OF LICENSE.

The terms and conditions of this license may at any time, or from time to time, at the request or with the consent in writing of the licensee, be altered by the Governor by Order in Council.

#### 12. SYSTEM OF SUPPLY.

The system of supply shall be two-wire direct current, with a pressure not exceeding 100 volts between the two conductors or between either conductor and the earth.

#### 13. NOTICES *re* EXTENSIONS, ETC.

Notices *re* any extensions or alterations should be sent to the Public Works Engineer at present stationed at Blenheim, and to the Telegraph Engineer, or his Deputy, at present stationed at Blenheim.

J. F. ANDREWS,  
Clerk of the Executive Council

*License authorizing the Tokomaru Sheep-farmers Freezing Company (Limited) to erect Electric Lines at Tokomaru Bay, Waiapu County.*

LIVERPOOL, Governor.

#### ORDER IN COUNCIL.

At the Government House at Wellington, this twenty-fifth day of March, 1915.

Present :

HIS EXCELLENCY THE GOVERNOR IN COUNCIL.

WHEREAS by section two of the Public Works Amendment Act, 1911, it is provided that no person shall lay, construct, put up, place, or use any electric line except under the authority of a license issued to him by the Governor in Council under that Act :

And whereas the Tokomaru Sheep-farmers Freezing Company (Limited), (hereinafter referred to as "the said licensee"), desires to erect electric lines in Tawhiti 1B, 1F, and 1A, Blocks IV and IVA, Tokomaru Survey District, Hawke's Bay Land District (hereinafter referred to as "the said electric lines"), and it is expedient accordingly to issue a license in respect thereof under the said section :

Now, therefore, in pursuance and in exercise of the powers conferred on him by the said section, and of all other powers in anywise enabling him in this behalf, His Excellency the Governor of the Dominion of New Zealand, acting by and

with the advice and consent of the Executive Council of the said Dominion, doth, subject to the conditions set forth in the Schedule hereto, hereby authorize the said licensee to erect and maintain the said electric lines for the purpose of supplying electricity to the premises marked on the plan P.W.D. 36148, deposited in the office of the Minister of Public Works at Wellington, in the Wellington Provincial District, such electric lines being indicated by red lines on the said plan.

#### SCHEDULE.

##### CONDITIONS.

1. In this license—  
"Minister" means Minister of Public Works.  
"Inspecting Engineer" means the Engineer or other officer appointed by the Minister for the purpose of inspecting the work to be constructed or maintained by the said licensee hereunder.  
"Telegraph" includes telephone.
2. The conductors shall be at a minimum height of 20 ft. above the surface of the ground, and may be uninsulated.
3. The conductors shall be composed of stranded copper or aluminium. The size of the strand shall be not less than No. 20 standard wire gauge, and the number of strands shall not be less than seven.
4. The potential difference between the two wires or between either wire and the earth shall not exceed 220 volts direct current.
5. The main switchboard shall be made of and be mounted on material that is non-inflammable.
6. All outgoing feeders and distributors from the generating station shall be provided with automatic circuit-breakers or fuses, set to open circuit at 50 per cent. excess current over the rated full load of such feeder or distributor with a time-limit not exceeding ten seconds.
7. Every support for an aerial line shall be of durable material, and properly strengthened against forces due to wind-pressure, change of direction of the line, and unequal length of span. The factor of safety of such supports shall be at least four, taking into consideration all possible stresses, including wind-pressure at 30 lb. per square foot on plane surfaces and 18 lb. per square foot on cylindrical surfaces. The stress in the aerial conductors shall not exceed 25,000 lb. per square inch for copper and 12,500 lb. per square inch for aluminium in the extreme case of a temperature of 12° F. and a wind-pressure of 18 lb. per square foot of diametrical plane occurring simultaneously.
8. The said electric-light lines shall occupy the other side of the road to that taken by the existing telegraph and telephone lines, and all future extensions shall be run on one side only of roads or streets.
9. No work of any nature shall be erected or constructed upon, over, or under any part of the New Zealand Government Railways until the said licensee has obtained the consent of the Minister of Railways thereto as required by section 4 of the Government Railways Amendment Act, 1910 (No. 2).
10. Where lead-covered telephone cables or any open telegraph or other aerial wires are crossed above or beneath by the said electric-light lines, the latter wires shall be insulated with not less than 300-megohms-per-mile grade of vulcanized rubber, throughout the crossing-span, and over every such span they shall be suitably suspended from effectively earthed steel bearer-wires, if the Minister of Telegraphs shall so require. If required by the Minister of Telegraphs, efficient guard-wires or other protective devices shall be erected at crossings and places where electric-light wires intersect telegraph wires, or wherever such protection is deemed necessary. The licensee shall bear the cost of carrying out such protection.
- Earth-wires, where led down poles, shall be protected by casing for a distance of 8 ft. from the ground.
11. All aerial wires shall be attached to suitable insulators, carried on cross-arms of suitable material and cross-section, and they shall be so attached to the insulator, or guarded, that they cannot fall away from the support. Conductors covered with insulating material shall be so attached that their insulation will not be impaired where they are secured to the insulator.
12. An aerial line shall be removed so soon as it has ceased to be used for the transmission of electricity, unless the said licensee intends within a reasonable time again to take it into use.
13. Where an aerial line crosses or is in proximity to any metallic substance, precautions shall be taken against the possibility of the line coming into contact with the metallic substance or of the metallic substance coming into contact with the line by breakage or otherwise.
14. Every aerial line, including its supports, its conductors, and their insulating covering, and all the structural parts