

Information required in Applications under Section 319 of the Public Works Act, 1928, for Licenses to construct and use Electric Lines.

Office of the Minister of Public Works,
Wellington, 1st August, 1929.

THE Minister of Public Works hereby notifies, for public information, that the following are the requirements and provisions subject to which he will be prepared to advise His Excellency the Governor-General in Council to entertain applications for licenses under section 319 of the Public Works Act, 1928.

(1) Every application for a license to construct and use electric lines for lighting and other purposes under section 319 of the Public Works Act, 1928, must be made in writing to the Minister of Public Works at Wellington, and be accompanied by a plan (in triplicate) showing by means of a distinctive coloured border thereon the proposed area of supply, the position of the power-house and substations, and the route or routes of the electric lines proposed in the initial installation, indicating in each case where the lines cross main telegraph and telephone lines, railways, and tramways, and full particulars as regards—

(a) System of supply—*i.e.*, direct current or alternating current, voltages of generation, transmission, and distribution; manner in which the electricity is generated—*i.e.*, whether by water-power, steam, gas, or oil engine, &c., or if the power is to be purchased in bulk, the source and nature of such bulk supply; the rated kilowatt output of the generators to be installed. In the case of a water-power development the static head in feet to be stated, also the number of cubic feet of water per second proposed to be utilized.

(b) In cases where the applicant is a private individual, the full Christian name and surname, occupation, and address must be supplied.

(2) In cases where the applicant is not a local authority, or if a local authority desires to operate beyond its own boundaries, the written consent of the local authority concerned must be obtained and forwarded with the application.

(3) In cases where an electric-power district has been constituted under the Electric-power Boards Act, 1925, the written consent of the Electric-power Board must be obtained and forwarded with the application.

(4) No work shall be commenced until the license has been issued, and no portion of the initial installation shall be used until a formal permit in writing, under clause 18 (2) of the regulations under section 319 of the Public Works Act, 1928, and published in the *New Zealand Gazette*, No. 48, of the 11th day of July, 1927, has been received from the Minister.

(5) Application for an inspection under clause 18 of the regulations hereinbefore referred to shall be accompanied by a plan of the lines to be inspected, setting out the details required to show routes completed and pressure of lines in colours specified below. The plan must be dated to correspond with its accompanying letter.

(6) Plans shall be preferably in black and white, with the following colours used for the purposes indicated:—

Extra-high pressure exceeding 11,000 volts	..	Blue.
Extra-high pressure not exceeding 11,000 volts	..	Red.
High pressure	..	Yellow.
Medium and low pressure	..	Green.

Plans should be prepared to the largest scale reasonably consistent with keeping such within the limits of foilscale size where possible, or, if necessary to exceed this size, not greater than 22 in. by 30 in. The scale in any case should be not less than one inch per mile. Plans should have north point of compass marked on same.

(7) In order to standardize the conditions as far as possible throughout the Dominion, it is suggested that when convenient the three-phase four-wire system be adopted for distribution at a frequency of 50 cycles per second, and a voltage of 230 between each phase and a neutral for lighting purposes and small motors, and 400 volts between phases for supply to large motors.

E. A. RANSOM, Minister of Public Works.

Information required in Applications under Section 318 of the Public Works Act, 1928, for Licenses to use Water for the Purpose of generating Electricity.

Office of the Minister of Public Works,
Wellington, 1st August, 1929.

THE Minister of Public Works hereby notifies, for public information, that the requirements and provisions published in *New Zealand Gazette*, No. 12, of the 4th day of March, 1926, are hereby cancelled, and that the following are the requirements and provisions subject to which he will be prepared to advise His Excellency the Governor-General in

Council to entertain applications for licenses under section 318 of the Public Works Act, 1928.

APPLICATIONS.

1. EVERY application for a license to use water for power purposes, under section 318 of the Public Works Act, 1928, shall be made in writing to the Minister of Public Works, at Wellington, and the applicant shall, when required, supply the Minister with the following particulars:—

(1) The full Christian name and surname, and full postal address, of the person to whom the license is to be issued.

(2) In the case of a company—

(a) Evidence to the satisfaction of the Minister that the company is duly incorporated and registered.

(b) A copy of the company's memorandum of association and rules.

(3) In every case—

(c) A lithograph or sketch-plan, to a suitable scale, with section and block numbers and boundaries and name of district endorsed thereon, showing the position of the headworks, the proposed water-race or pipe-line, or both, the position of the generating-station and the tail-race, and the approximate boundaries of the area of land, if any, to be flooded.

(d) A statement of the quantity of water to be taken, and the difference in level between the water and the headworks and in the tail-race; a description of the electrical system to be adopted—that is, to say, whether direct current or alternating current, and, if the latter, the number of phases and periodicity, and in either case the pressure of generation, transmission, and supply.

(e) A statement of the extent of the electric power proposed to be developed in the initial installation and to be provided for in future extensions, and the use intended to be made of it.

(f) A plan in triplicate to a suitable scale, but in any case not less than 1 in. to the mile, showing the area of supply, the site of the power-house and substations, the routes proposed for the initial transmission-lines, indicating all roads, railways, rivers, post and telegraph lines, and other electric lines, and also private and Crown lands proposed to be crossed or traversed.

(g) A statement of the time to elapse between the date of the license and the complete initial installation and construction of all the hydraulic and electrical plant and works specified in the application.

(h) Any further or other information which the Minister may require.

2. (a) In all cases where the applicant is not a local authority, or if a local authority desires to operate beyond its own boundaries, the consent in writing of the local authority concerned must be obtained and forwarded with the application.

(b) In cases where an Electric-power Board has been established under the Electric-power Boards Act, 1925, the written consent of the Power Board must be obtained and forwarded with the application if it is proposed to sell electricity to consumers other than the licensee.

3. The Minister may require all or any of the aforesaid particulars to be verified on oath, and the application may be refused if, in his opinion, any of the particulars are unsatisfactory, or the quantity of water applied for is excessive or the proposed use is improper.

4. If the Minister thinks the application should be further considered, he shall appoint a Commission of Inquiry for this purpose, whereupon the following provisions shall apply:—

(a) The Commissioner shall require a minute of the application to be advertised, at the cost of the applicant, in such form and in such newspaper as he thinks fit, having regard to the nature and extent of the works, the route proposed for transmission, and the interests likely to be affected.

(b) The minute shall call on all persons having any objection to the proposed works to give notice thereof to the Commissioner, and also to serve a copy thereof on the applicant, within such time before the day of hearing as the Commissioner prescribes.

CONDITIONS OF LICENSE.

5. The license when issued shall be in such form and shall contain such conditions and provisions as the Governor-General in Council thinks fit, including conditions and provisions for the following purposes:—

(a) A limitation as to time within which the powers conferred by the license shall be exercised, and a limitation as to the time within which the complete initial plant as authorized shall be installed.