

on the information, as a by-law for the installation of a municipal system has been introduced, and has received its second reading. The by-law provides for a vote of the ratepayers on the question.

## Light, Heat, Power, Etc.

Emerson, Man., is to have a telephone exchange.

Galetta has been connected with Arnprior by telephone.

Clarksburg, Ont., is contemplating an electric light system.

Sackville, N.B., seeks power to purchase the electric lighting plant and waterworks.

An extension of time is being asked for the completion of the second power canal on the Canadian side at Sault Ste. Marie.

The Chambers' Electric Light Co., Truro, has installed a ten-ton boiler, one of the largest ever built by the Robb Engineering Co.

The Cumberland Telephone Co. is seeking incorporation to build a line from Pugwash to Amherst via North Port and Shinimicas.

The generators of the Toronto & Niagara Power Co. will be the largest in the world. They will at first be five in number of 12,000-h.p. each.

The Marconi wireless system is fully described in a little book published by Munro & Munro, Montreal, which they send to any applicant.

The largest electrical pumping plant in the world is that at Utah Lake. It raises 65,000,000 gallons of water a day for irrigating the Great Salt Lake Valley.

The Bell Telephone Co. has expressed its willingness to accept the terms of the town council for a renewed five years' franchise at Galt, namely, \$375 a year.

The Moosomin Telephone Co. will extend its long-distance line to Fleming, nine miles east, to Valley, twelve miles south, and to St. Andrea, fifteen miles southwest.

The C.P.R. Telegraph Co. is putting down an underground cable between the Board of Trade's new building and the company's offices on St. Francois Xavier street.

The North American Telegraph and Cable Co. has been incorporated to lay a submarine cable from Seattle to Valdez and other points in Alaska and thence to Vladivostok.

Changes have been made in the wiring system of the Marconi station at Table Head, to overcome difficulties in its operation. It is evident the system is not yet perfect.

Work on the American Cereal Co.'s dam and power house, at Peterboro, has been retarded by the difficulty in getting the necessary steel work. John O'Toole has the contract.

Mr. Coady, city treasurer, Toronto, advocates the acquiring of the water power on the Severn to generate electric power for Toronto, supplemented, if necessary, by the Muskoka power at Bala.

The Ontario and Quebec Power Co. is asking power to build dams in the Ottawa river above Chaudiere Falls. The application is opposed by the Eddy and Booth interests and the Consumers' Electric Co.

A power plant is to be erected on the Wahnapiatae river, two miles below the station. A 1,000-h.p. generator will transmit electric power to Sudbury, Copper Cliff and elsewhere. The estimated cost is \$100,000.

The St. Francis Hydraulic Power Co. has been organized to supply power to the mines at Black Lake and vicinity. A. G. Sangster, assistant superintendent of the Sherbrooke Power, Light and Heat Co., will be superintendent.

The North Shore Power and Railway Company has signed a contract with Michael Connolly for the completion of their works, including the construction of a short railway line, pulp mills, wharves and buildings at Seven Islands.

Windsor Mills, Que., is considering the establishment of an electric light system.

Coaticook has bought out the plant of the Electric Light & Power Co., and will come into possession on October 1st.

The corporation of Fenelon Falls has purchased from Brandon & McDougall the water power, roller flour mill and electric light plant. A new power-house will probably be built, and cheap power offered to industries locating there.

Marconi operators on the new Kaiser Wilhelm II. state that they have broken the record for wireless telegraphy between ships at sea, having communicated with the Minneapolis, of the Atlantic Transport Line, when the ships were 210 miles apart.

La Compagnie d'Electricite de Roberval, Saint Prime, with capital of \$40,000, headquarters at Roberval, has been incorporated to develop electric power on the river Ouiaichouianish or elsewhere about Lake St. John. Arthur Du Tremblay, of Roberval, with others, are the promoters.

D. W. Ackerman has secured a water power at the mouth of the Severn, and will organize a company to generate electric power. He has secured promises from Coldwater, Wau-  
baushene and Midland manufacturers to take power as soon as ready. The water power is sufficient to generate 5,000-h.p.

The Erie-Ontario Power Co. is seeking incorporation to construct a water course and raceway to develop electrical power and transmit it from the Grand river to points in Ontario. D. Carter and others, of Port Colborne, are the promoters.

Mr. Douglass has been awarded the contract for the tunnel in connection with the development of the Toronto and Niagara Power Co., at Niagara Falls. The tunnel will be 2,100 feet long, and will extend from the power house, under the bed of the river, and have its discharge under the sheet of water at the Horseshoe Falls.

Senator Forget, H. B. Rainville, H. S. Holt, H. I. Corthray, H. H. Henshaw, P. G. Gossler, I. S. Mackenzie, Senator Mackay and H. Montague Allan will probably form the board of the amalgamated electric companies in Montreal. The nine names will be divided into three boards, one for Lachine Hydraulic, one for the Citizens, and one for the Standard.

A daily paper is published at Avalon, Santa Catalina Island, Cal., which receives its news by wireless telegraphy. A summary of the news is telegraphed from Los Angeles to White's Point, from where it is flashed across the water by wireless telegraphy to Avalon. The Wireless, for that is the name of the paper, is particular to announce that the system, which is a pronounced success, is not that of Marconi.

The Government will appoint a commission of expert engineers to consider how the waters of the Ottawa and Trent rivers may best be conserved for power purposes. Deputations have waited upon them to urge the matter. In the case of the Ottawa a dam at the lower end of Lake Temiskaming is proposed, the Nile dam at Assouan being cited as an example of such work. A great amount of water is now said to run to waste.

A Marconi money order for five pounds was paid by the Cunard Company at sea the other day. A passenger handed a lace vender a ten-pound note instead of a five-pound note, and the mistake was not discovered by the Irishwoman until after the ship had gone. She handed five pounds to the representative of the Cunard Company at Queenstown. The boat was caught by Marconigraph in mid-ocean, and the five pounds refunded to the passenger.

Recently the New Brunswick Telephone Co., of St. John, N.B., which is understood to be a subsidiary company to the Bell, advanced rates considerably. On the 26th of May, Alderman MacRae, at a meeting of the Board of Works, brought up the question of telephones, and decided to recommend to the common council that a committee be appointed to secure subscribers for a term of years to a municipal system to be established by the city of St. John, with the understanding that the rate charged shall be only enough to cover interest, sinking fund, expenses and a percentage on the wear and tear.