

A new storage dam is being built at Hazelwood lake, near Port Arthur, to meet the requirements for more power.

The Welland Electric Power Transmission Co., with headquarters at St. Catharines, contemplate running power lines to Hamilton and Toronto. The company is backed by New York capital.

Canadian General Electric Co. have secured option on large tracts of land adjoining their present site at Peterboro', and propose to spend between \$30,000 and \$40,000 in increasing their plant.

Chatham, N.B., will apply to the Legislature for authority to issue bonds to the value of \$35,000, the proceeds of which will be used in the erection and operation of a new electric light plant.

A horseshoe dam will be constructed above the crest of the Chaudiere Falls, each side paying half the cost of the same—estimated to be \$40,000—and each side sharing equally in the water power.

McLachlin Bros. are negotiating for a contract to operate the water works machinery at Arnprior, Ont., by electric power. They have in view the erection of a large dam on the Madawaska river.

The company which is to undertake the development of the Kaministiquia Falls, near Port Arthur, has let contracts to the Canadian General Electric Co. for erecting equipment worth about \$200,000.

A syndicate composed of Canadian and American capitalists intend developing the water power on the Assiniboine river at Brandon, Man. The intention is to erect a large power house and plant at Currie's Landing.

The Southern Light and Power Company have offered to supply electric light to the village of Weston, Ont., at \$6 per 32 c.p. light per year for an all-night service. This company are now lighting the village of Streetsville.

The town council of Westmount, Que., have accepted the tender of the Robb Engineering Co., Amherst, N.S., for engines, accessories and their erection in connection with the new electric lighting plant at a cost of \$8,300.

The town council of North Toronto, Ont., have appointed a committee to secure information as to the cost of installing an incandescent electric light plant. The intention is to submit a by-law to the ratepayers in January.

The new power plant at Wahnapiatae is now in operation. As Wahnapiatae is but twelve miles from Sudbury the intention is to supply that place with light as well. This will relieve Sudbury of the necessity for having a plant of its own, and also lessen the expenditure of both places.

The Jones & Moore Electric Co., Toronto, are opening a branch in Winnipeg. They have formed a joint stock company capitalized at \$75,000, to be known as the Jones & Moore Electric Co., Limited, of Manitoba. The company have taken over the business of the Hicks Electric Co., of Winnipeg. A factory will also be erected for general repair work.

The Westinghouse Electric and Manufacturing Co. are preparing plans and estimates for the complete electrical construction and equipment contracts for the development of Eugenia Falls, on the Beaver River, which is to be constructed as a huge electrical hydraulic power plant by the Georgian Bay Power Company, of Toronto. Estimates are based on details furnished by H. Von Shon, engineer in charge.

PERSONAL.

Edward J. Odlumbe, C.E., one of the best-known civil engineers in Canada, died very suddenly at his home in St. Catharines, Ont., recently.

E. R. Wood, who is at the head of the Central Canada Loan and Savings Co., has been appointed a director of the Dominion Iron and Steel Co.

W. B. Boyd, chief electrician, D. I. & S. Co., is touring in the United States, in connection with extensive additions to the electric plant of the steel works.

Hon. A. G. Blair has resigned his position as manager of the Henderson Roller Bearing Company.

Robert Mitchell Floyd, editor and owner of the Trade Press List, will, during the winter, be in his New York office, Coffin Exchange Building, 66 Beaver Street, Rooms 911-912.

W. E. Mellin, assistant in the engineer's department of the Grand Trunk Pacific, has resigned to accept a position in the office of Vice-President Schlack, of the Denver & Rio Grande railway.

Cecil B. Smith, engineer for the Temiskaming and Northern Ontario Railway and the Ontario Hydro-Electric Power Commissions is now in Europe gathering information. He will especially look at the electric locomotives in use in Italy, Switzerland, Germany, France and England. It is the intention of the commission to equip the New Ontario Railway with electric locomotives in the near future.

William B. Rankine, vice-president and general manager of the Niagara Falls Power Company, and also of the Canadian Niagara Company, died recently at Franconia, N.H., where he went with Mrs. Rankine a few weeks ago on a vacation trip. The deceased was the practical pioneer of power development on the Niagara frontier. It was through his indefatigable efforts that the Niagara Falls Power Company came into existence, and that the Canadian-Niagara Power Company was organized. Mr. Rankine was forty-seven years of age.

MUNICIPAL WORKS, ETC.

A contract for a breakwater at Richibucto has been awarded to Messrs. Jardine of New Brunswick.

A contract for a breakwater at Indian Harbor, P. E. I., has been let to Messrs. Heney and Smith, of Ottawa. The price is about \$100,000.

The Robb Engineering Co. recently filled orders from Westmount, Que., for two 350 h.p. Robb-Armstrong vertical engines, and from the council of Napanee for two 200 h.p. Robb-Armstrong Corliss engines, two 150 h.p. return tubular boilers and one 200 h.p. "Robb" feed-water heater. This machinery will be used for the new municipal lighting plants in these towns.

The total cost to the city of London of the land needed for the West London breakwater is \$5,562. This is exclusive of what the city will have to pay for the strip of Tecumseh Park. The total expenditure for breakwater purposes sanctioned by the people last January is \$15,000. This is for the exclusive benefit of West London. Of this sum more than a third has been paid to the West Londoners who are nearest the breakwater. The city had not calculated upon paying more than half that figure for the land.

The municipal gas and electric plants at Kingston show good results for the past three months. The figures for gas are:—For 1904, \$7,547.51; for 1905, \$6,854. The rate on gas this year was reduced from \$2 to \$1.50 per thousand feet. For electricity in 1904 the receipts were \$6,182; for 1905, \$6,034. The rates on electricity were lowered two cents per kilowatt hour. Manager Campbell says the gross revenue of the plant will soon be up to the figures before the rates were reduced, and then another cut is possible.

The last span of the superstructure of the Pillsboro' bridge has been placed in position, thus completing the main features of this structure, by far the most important of its kind ever attempted in Prince Edward Island. Both federal and provincial governments have contributed, and will contribute, though in very different proportions, to its cost and maintenance. The bridge will be opened to the Southern Railway about November 1, thus giving daily communication by rail for the first time between the southeastern section of the province and Charlottetown.

The council of Kenora, Ont., has adopted by-laws authorizing the issue of \$30,000 of debentures for the purpose