

A charter for a railway to be operated by steam or electricity from Sault Ste. Marie to Michipicoten has been applied for.

The Stevens Mfg. Co., London, Ont., has closed the electrical department of its business and will confine itself in future to agricultural machinery, etc.

The Royal Electric Co. is installing in the sub-station of the Cataract Power Co., on Victoria street, Hamilton, a 30-h.p. S. K. C. induction motor, which is to be used in driving the fans for the air blast transformers.

Electric light and gas fixtures are beautifully illustrated in catalogue No. 20 issued by Munderloh & Co., Montreal, wholesale electrical supplies and dealers in incandescent and arc light plants and electrical goods generally.

The Waterous Engine Works Co., Ltd., Brantford, Ont., is adding to its shop capacity, and requiring more power, is installing a 30-h.p. induction motor from the Royal Electric Co., which is to be operated from the alternating current lines of the Brantford Electric & Operating Co. This makes over a 100-h.p. in S. K. C. motors now operating in Brantford.

The Windsor Electric Light & Power Co., Windsor, N. S., is enlarging the recently installed electric lighting plant. It is adding one 100-k.w. and one 40-k.w. S. K. C. generator, with an additional complement of transformers and material. The S. K. C. apparatus and transformers are from the Royal Electric Co.

J. T. Ayers, of Lachute, has secured a franchise from that town to furnish incandescent electric lights. For this purpose he has placed his order with the Royal Electric Co., for a 100-k.w. S. K. C. generator, and the necessary transformers and material for the construction of the entire plant. The new plant will be driven by a water power situated about two miles from the center of the town.

The Ontario Telephone and Switchboard Construction Company, Ltd., has received an Ontario charter to manufacture telephones and other electrical appliances; capital \$75,000. The incorporators are: R. Fox, T. H. Smallman, F. B. Leys, T. H. Purdom, R. A. Bayly, J. Labatt, M. Masuret, J. Milne, J. D. Wilson, M.D., and J. R. Minhinnick, London, Ont.; and R. H. Evans, H. C. Walters, Detroit, U. S.

The fourth of the 2,200-k.w. S. K. C. generators was set up in the Chambly Electric Manufacturing Co.'s power house at Richelieu, Que., a few days ago, and there are now ready for operation over 10,000-h.p. These are the largest electrical motors ever built in Canada, and the largest excepting Niagara Falls, that has ever been built. Electricity is no longer in its infancy, neither is Canada behind in the development of the science.

The Dundas Electric Light Co. has received a franchise from the town of Dundas, Ont., to furnish incandescent lights throughout the town, and also a contract for the street lighting. Both systems must be in operation by the first of November, 1898. The entire electrical equipment, consisting of a 50-k.w. S. K. C. two phase generator, with 500 lights capacity in transformers, and all the necessary wire and material, is to be supplied by the Royal Electric Co., and the plant is to be installed at once. Geo. H. Harper, Dundas, will be manager of the new company.

Friday, the 26th August, 1898, will be memorable in the annals of electricity in Canada, being the day on which the Cataract Power Co., Hamilton, Ont., turned the first current on to the long distance transmission line between Decew Falls and Hamilton. The water was let into the fore bays and pipe line at about 3 p. m., and at 3.30 p. m. the hydraulic plant, consisting of two 1,500-h.p. waterwheels, and the electrical plant of two 1,000-k.w. S. K. C. generators, were turned over, the switch closed and the power sent to Hamilton, a distance of 35 miles, where it was utilized for lighting arc and incandescent lamps, and also for driving a 40-h. p. S. K. C. induction motor. The incandescent lamps in the sub-station, in Hamilton, were very artistically arranged in the form of a large star and maple leaf, and were kept lighted until far into the night. The plant will be started up permanently in a few days.

At the Royal Electric Company's fourteenth annual meeting the reports presented were considered to be satisfactory. The gross revenue was shown to have been \$955,826; expenditure

\$36,057; interest and fixed charges, \$42,609; net profit, \$277,160. Four quarterly dividends have been declared, of two per cent each, equalling \$123,000. Ninety thousand dollars was charged to profit and loss for reduction of assets in patents, \$25,000 for depreciation of plant, and \$31,992 for other reasons. It was shown that the company last year made eighteen and one-half per cent. on invested capital, as compared with sixteen and one-half per cent. the preceding year. A dividend of eight per cent has been paid yearly since 1891. The company now employs 600 hands, and its wage bill exceeds a thousand dollars a day. There was expended in material last year \$400,000. Business in new customers has increased fourteen per cent., and for lights, sixteen per cent. The addition of a new plant has resulted in an economy of coal consumption of 5,300 tons of coal; as compared with the figures of two years ago. The old board of directors were re-elected, namely: The Hon. J. R. Thibaudeau, president; D. Morrice, vice-president; F. L. Beique, Allan R. Macdonell, H. S. Holt, J. A. L. Strathy, A. Brunet, Edwin Hanson, Robert Cowans and W. H. Browne, general manager.

Personal

James Quigley, Kingston, has been appointed chief engineer of the Deaf and Dumb Institute, Belleville, Ont.

George Bottomly, aged 25, was killed recently by an emory wheel bursting in his father's mill, Halifax.

John White, for nearly a quarter of a century foreman in MacGregor, Gourlay Company's foundry, died in Galt, Ont., a short time ago.

James D. Banks, Toronto, formerly engineer on the steamer Ada Alice, committed suicide a short time ago by inhaling gas, and thus causing asphyxiation.

Louis Simpson, Belleville, Ont., an engineer on the Grand Trunk, was struck by the pilot engine in the Brockville yard, August 2nd, and instantly killed.

C. W. Taylor, vice-president and general manager of the Canada Carriage Co., Brockville, died last month, much to the regret of a large circle of friends.

F. R. F. Brown, late mechanical superintendent of the I. C. R., is said to have fallen heir to \$50,000 through the death of a relative in England.

George Kelly was caught in a belt in the George Gillies Company belt factory at Gananoque, Ont., and was thrown over the shaft and instantly killed.

Dan. McAnnany, contractor, of St. Boniface, Manitoba, is dead from the result of an accident on the Crow's Nest railway construction, where he had a contract.

Frank Travers, a steam-fitter, was accidentally killed a short time ago at the Mimico asylum while engaged in repairing the heating apparatus. A radiator fell upon him.

A. P. Coleman, geologist for the Ontario Government, has gone to England to attend the British association at Bristol. He will read a paper upon the inter-glacial period.

Hector McLean, president of the International Brick and Tile Company, died at Bridgetown, N.S., a short time ago. He was one of the best known men in Annapolis county.

W. Griffith, engineer at the electric light station, Carleton Place, Ont., has resigned his position to go firing on the Parry Sound Railway. J. Bennett succeeds Mr. Griffith, and Geo. Fife takes Mr. Bennett's place.

William Madden, Westville, N. S., who has held the position of deputy inspector of mines in Nova Scotia for many years, has been appointed, by the Dominion Government, one of the mining inspectors in the Yukon.

A. H. Harris, the late traffic manager of the Intercolonial Railway, has been appointed general traffic agent of the Fitchburg Railway Company, in charge of all traffic affairs in the Dominion, with headquarters at Montreal.

Percy Girouard, son of Hon. Mr. Justice Girouard, of the Supreme Court of Canada, has been appointed chief in the Egyptian railway system at a yearly salary of £2,000 sterling, by the Imperial Government.