

SPARKS.

Cote & Coursolles, electricians, Ottawa, have lately wired the St. Lawrence Hall on St. Nicholas street for electric lighting.

Commissioner Walsh will recommend the Dominion government to construct a telegraph line from Victoria, B. C., to Dawson.

A syndicate of Montrealers are making arrangements to extend the electric light from Fraserville to Riviere du Loup and Cacouna, Que.

A first-class lineman open for engagement may learn of something to his advantage by corresponding with the editor of THE ELECTRICAL NEWS.

The Electric Reduction Co., of Buckingham, Que., are now installing the large dynamo for their electric plant. The machine weighs nearly 40 tons.

The Benalack Lithographing and Printing Company, Montreal, have ordered from the Canadian General Electric Company one of their latest type motors.

A representative of the Western Electrical Construction Co., of Winnipeg, was recently in Carberry, Man., endeavoring to secure a franchise for electric lighting.

William S. Dockrill, trading in Montreal under the name of W. S. Dockrill & Co., as electrical engineers, has formed a partnership with Ernest W. Sayer, under the former name.

The Deer Park Mining Co., of Rosland, B. C., have arranged with the Kootenay Electric Power Company for the supply of power to operate their mines. The Deer Park Company will shortly let the contract for an air drill plant.

The British Columbia Electric Railway Co., of Vancouver, B. C., have found it necessary to increase their arc lighting plant, and have placed an order with the Canadian General Electric Company for one 125 light multipole Brush arc dynamo.

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

The Montreal Cotton Co., of Valleyfield, Que., have placed a large increase order with the Canadian General Electric Company for induction motors, consisting of two 50 h.p., one 75 h.p., five 100 h.p. and one 200 h.p. When these are completed the Cotton Company will have one of the largest isolated electric power plants in America, the Canadian General Electric Company having already installed for this company, in generators and motors, a total of between 3000 and 4000 h.p.

The Canadian General Electric Company have just closed a contract with the Lunenburg Gas Company, of Mahone Bay, N.S., for one of their standard 100 kilowatt three phase revolving field type alternating generators. This installation is to be used for the transmission of electric current from a water power, situated about nine miles from the town of Lunenburg, and will be operated without transformers at a potential of 4,000 volts. The company have also received an order for all the wire to be used in the erection of the transmission line.

Following the absorption of the Quebec District Railway Company by the Quebec, Montmorency & Charlebois Railway Company, we learn that the latter company have also acquired the property of the Montmorency Electric Light & Power Company, which furnishes the city of Quebec with electric light and the street railway with motive power. It is understood that the purchase price was about \$1,250,000. As a result of the transaction the three companies above named will be amalgamated into one

concern, and it is probable that the trains of the Quebec, Montmorency and Charlebois railway will shortly be operated by electricity, and that an electric line will be built to Montmorency Falls.

Mr. John Bourke, of North Bay, Ont., has secured a contract for lighting the streets of North Bay by electricity. For this purpose he has placed an order with the Canadian General Electric Company for a 25 light wood arc dynamo, and 15 double carbon Brush arc lamps.

For some time past there has been friction between the Ottawa Electric Railway Company and its employees. The men demanded a wage of \$1.50 for a day of ten hours, and while the company were willing to grant the reduction in the hours of working, they were not disposed to grant the increase in wages. An agreement has now been reached, by which all men who have been in the employ of the company three years and over will receive 15 cents per hour; those under three years and over two will receive 14 1/2 cents per hour; those under two years and over two months, 14 cents per hour. This will apply to all men at present in the employ of the company. Those employed in future will be graded at 13 cents per hour for the first year, 14 cents per hour for the second and third years, and 15 cents thereafter. Ten hours will in future constitute a day's work; over that time will be paid as overtime.

It will be remembered that the city council of Ottawa, Ont., last spring refused permission to the Deschenes Electric Company to supply electric light and power throughout the city. We now observe that a somewhat similar charter has been granted to the Metropolitan Electric Company, represented by a Mr. Lindsay. The Metropolitan Company agree to supply light and power at the following prices: Commercial plan—16 candle power lamps per week, 12c each, no discount. Meter system—1c per ampere hour, 40 per cent. discount and 12 per cent. for cash within 15 days; meters to be charged \$1.50 per year instead of \$3 as at present. Arc light—2,000 nominal candle power, for places using 3 to 9 lights, 20c per light per night; 10 lamps and over, 18c per light. Electric power—1 to 4 h.p., \$50 per annum; 5 to 9 h.p., \$45; 10 to 19 h.p., \$43; 20 to 49 h.p., \$38; 50 to 99 h.p., \$36; 100 h.p. and upwards, \$34. In view of the granting of this charter, it is improbable that the proposed plebiscite on municipal ownership of an electric lighting plant will be taken.

The fourteenth annual meeting of the Royal Electric Co., Montreal held last month, at which the board of directors was re-elected as follows: Hon. J. R. Thiibeau, president; Messrs. D. Morrice, vice-president; H. L. Beique, Allan R. Macdonell, H. S. Holt, J. A. L. Strathy, A. Brunet, Edwin Hanson, Robert Cowans and Wm. H. Browne, general manager. The annual report stated that the gross amount for the year to credit of revenue accounts for the business transactions of the company aggregated \$955,826. The expenditure for labor, materials, operation, maintenance and general expenses amounted to \$636,057, leaving a gross profit of \$319,769. From this is to be deducted interest and fixed charges amounting to \$42,609, making an aggregate net profit to the company for the year of \$277,160. The lights in operation are direct current arc system, 1842; alternating current, incandescent and arc, 70,089. In motors there are 1041 horse power. In additional equipment last year there was expended \$101,707. This includes \$58,000 for lighting stations and general construction. The increase in incandescent lights connected during the year was 7,736, or nearly as many as during the two years ending May 31st, 1897. Altogether the report was considered most satisfactory, and augurs well for the future of the company.

WANTED

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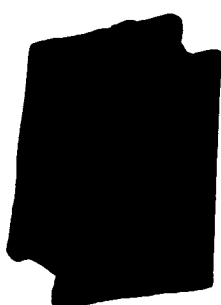
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