

The Electrical Construction Co., of London, Ltd., has received an order from John Starr, Son & Co., of Halifax, for an 8-h.p. motor.

The Fraser Cap and Fur Co., of London, has recently placed an order with the Electrical Construction Co., of London, Ltd., for a new increased size of motor for its factory.

The villages surrounding Lake St. John are being gradually lighted by electricity. Roberval has been so lighted for some time, and now Jonquieres is to be similarly illuminated.

The Beattie Mfg. Co., Toronto, has placed an order for a larger motor with the Electrical Construction Co., of London, Limited.

The dates decided upon for the twenty-third convention of the National Electric Light Association are the 22nd, 23rd and 24th of May, 1900. The meeting will be held in Chicago, Ill.

Achille Gagnon proposes to connect Victoriaville and Arthabaskaville, Que., with an electric railway, providing the ratepayers of Arthabaskaville vote the bonus offered by the council.

The Hamilton-Galt-Berlin Electric Railway Company will apply to the Legislature at its next sitting for an Act extending the time for the building and completion of the company's lines of railway.

The Stratford Clothing Co. has recently placed an order with the Electrical Construction Co., of London, Ltd., for an 8 h.p. motor.

Three motors for operating from 110 volt private isolated plants have been shipped to Winnipeg by the Electrical Construction Co., of London, Ltd., of 12, 4 and 3 h.p. capacity respectively.

The Sydenham Glass Co., of Wallaceburg, Ont., is still adding to its fine equipment of machinery, having recently placed an order with the Electrical Construction Co., of London, Ltd., for a 60-light dynamo.

The Toronto and Hamilton Electric Co., manufacturer of dynamos, motors and all electrical apparatus, has moved into the new premises, which is a ten-story building, 60 x 100 feet, Nos. 99, 101 and 103 McNab street, Hamilton, Ont.

A number of Ingersoll, Ont., business men are taking steps to secure a charter for an electric railway. The charter aims at the same running powers between the towns as the Woodstock, Ingersoll and Thames Valley Railroad Company are seeking.

The Electrical Construction Co., of London, Ltd., has already placed several of the eighty second-hand machines recently returned from Winnipeg. Those who have inspected these machines say there are many good bargains among them.

The city engineer of Hull, Que., is at present engaged in preparing plans for the new dynamo house to be erected, to be in operation by August next. The plans call for 75 arc lights. About six miles of streets will be lighted. Power will be secured from two 50-light dynamos.

The Woodstock Sentinel Review has been considered lately as a model printing house. It has recently added to its already extensive plant an 80-light dynamo and wiring; the contract for which was given and has been completed by the Electrical Construction Co., of London, Ltd., for the multipolar type apparatus.

Hon. P. Garneau, V. Chateauvert, J. T. Ross, Hon. J. Tessier and the Hon. J. Sharples, Quebec; J. McNaught, New York and H. H. Melville, Boston, are being incorporated as the Labrador Electric Light and Power Company, to develop water powers on the Murray Bay River, Quebec, and to build electric lines and paper mills.

The James Cooper Co., Montreal, are suing the War Eagle Gold Mining and Development Co., Ltd., for \$150,000, for alleged libel and slander, in connection with the installation of the electric hoist and compressor plant in the War Eagle mine. It is claimed an untrue statement was made, damaging to the Cooper Co., as a business concern.

The inventive talent of the best engineers has been taxed ever since alternating current became popular, to devise a voltage regulator which would be simple in construction and yet be satisfactory in operation; few are said to have attained this. The Chapman Voltage Regulator seems to be meeting with unqualified success. The regulators are manufactured by the

Belknap Motor Co., of Portland, Maine, whose Canadian business has been placed in the hands of Munderloh & Co., the well-known electrical firm of Montreal.

Jack & Robertson, Canadian sales agents for Sprague Electric Co., New York, specially call attention to the Flexible Metallic Conduit (pages 103-112, of their new catalogue No. 75), which, owing to its low price, and saving of labor in installing, is said to have considerably reduced the cost of modern conduit work; even more so than did the introduction of uninsulated plain iron pipe.

The Divisional Court at Toronto held recently that the Lord's Day Act does not restrict electricians from working on the Sabbath, as they are not expressly mentioned. Electrician Mashinter, of Huntsville, Ont., was convicted lately for violating the provisions of the Act while at work in Shaw, Cassels & Co.'s tannery, but on the application of solicitors the court quashed the conviction.

The Bell Telephone Company has just completed and opened a heavy long distance copper metallic circuit line between Ottawa, Carleton Place, Smith's Falls and Brockville, Ont. It required upward of 3,500 poles, 4,000 cross-arms and 75,000 lbs. of copper wire. This line gives Ottawa a direct long distance service with Buffalo, N.Y., and other western points, and a material reduction has been made in the rates.

The Niagara and Southwestern Electric Railway Company, Ltd., is applying for incorporation to build an electric railway from Niagara-on-the-Lake through St. Catharines and Smithville to Hagersville, Ont., with branches from Decew Falls to Hagersville via Dunnville and Cayuga, and from Niagara-on-the-Lake to Queenston, passing where necessary through the counties of Lincoln, Welland, Haldimand and Wentworth.

The Electrical Review, New York city, begins the new year with a special double number which is remarkable for its valuable contributions, handsome illustrations and typography. A new dress of type, a change in the color of the cover and a more up-to-date arrangement of reading pages are some of the improvements made. The contents include a review of electrical progress during 1899 in the United States, Great Britain and the continental countries of Europe.

A plan is proposed by Messrs. Denniston and Payne for the development of power at two points at Niagara Falls. The first would be where the Chippewa flows over the bluff in the park. Here it is thought 30,000 h.p. could be developed. Then by conducting the water in a canal through the park to a point below the Falls, and utilizing the fall into the River Niagara, the power could be increased to 100,000 h.p. For this scheme, it is stated that English capital is forthcoming.

That the Canadian Niagara Power Co. will develop power in the Victoria Park is now stated on the authority of W. B. Rankine, vice-president of the company. The actual work will commence next fall, although some preliminary steps will be taken before then. The Canadian plant will be completed within two years, as this was the period required to sink the wheel-pits and construct the tail race on the American side. The first development will consist of from 15,000 to 25,000 h.p.

The Shawenegan Water and Power Co., at the falls of that name, is spending \$300,000 this winter, over 1,000 men being engaged. The Shawenegan Carbide Co., of which William MacKenzie, Toronto, is said to be a leading shareholder, has agreed to take 10,000 h.p., while the Pittsburg Reduction Co., whose works are also to be established on the St. Maurice, will also take a great deal of power. Thirty houses a month are being built, and it is expected that the St. Maurice will be dotted all the way from Three Rivers up to the Great Northern Railway by a flourishing manufacturing community.

W. H. Browne, general manager of the Royal Electric Company, Montreal, stated a short time ago that the company had despatched to the Nova Scotia Steel & Iron Company a complete electric lighting plant, consisting of a two-phase generator and complete equipment of sixty alternating current-enclosed arc lamps. This is said to be the first installation in Canada where an alternating current generator has had its entire capacity taken up with arc lamps alone. He stated further that the company, in conjunction with the Watrous Engine Works, had secured the contracts for the new electric light service to be installed at Greenwood, B.C.