

day. Both of the factory buildings are now being erected, and it is hoped to have the new plant in operation by July 1. Of raw material and product the Union Carbide Company expect to handle about thirty or forty cars a day.

R. G. Reid, Montreal, has just concluded all arrangements for the immediate construction of an electric railway in St. John's, Newfoundland. Contracts have been made with builders in Montreal for six cars, with the Westinghouse Co. for electrical apparatus, with the Canada Switch Company for the necessary trucks, and with the Stillwell-Bierce & Smith-Vaile Co., Dayton, O., for the power plant. The power will be generated at about eight miles from St. John's. The first cars are to be delivered in July or August, and the railway will, it is stated, be opened in the early fall.

The Ottawa Electric Company has made a proposal to the city council to dispose of its lighting plant to the city. The nature of the proposition is that the company offers to dispose of its plant, goodwill, business and perpetual franchise to the city at par; or, in other words, that the corporation take the entire stock at par value. The stock amounts to nearly \$1,000,000. The Electric Company agrees to hold its offer open for twelve months from May 1, 1899, on the express condition that the city shall not grant, in the meantime, an extension to the franchise of any existing competing company, and shall not issue a franchise to any outside company. The Metropolitan Electric Company is seeking a 20 years' extension.

At a meeting held recently of the committee appointed to make the local arrangements for the approaching annual convention of the Canadian Electrical Association at Hamilton, a draft programme was considered and adopted. The dates selected for the convention, subject to the approval of the executive, are the 28th, 29th and 30th June. The business sessions, as well as the annual banquet, will probably be held in the new Royal Hotel. A sufficient number of papers on a variety of subjects of interest to those engaged in the various departments of electrical work have been promised, and are in course of preparation. Among the features of entertainment will probably be a trip to the Beach over the Hamilton Radial Railway and an evening excursion on the lake, a trip to Grimsby Park over the Hamilton, Grimsby & Beamsville Electric Railway, and a visit of inspection to the stations of the Cataract Power Company at St. Catharines and Hamilton. The Hamilton Street Railway Company have very kindly offered free transportation to members of the association during the convention. Everything points to a successful and enjoyable meeting.

The Official Gazette, Quebec, announces that the water power of that part of the River Ottawa, opposite the township of Onslow, four miles from Quoyon station, of the Pontiac and Pacific Railway, comprising the rapids and falls of "Les Chutes des Chats," as well as the islands and islets in connection therewith, situate within the limits of the province of Quebec, will be offered at public auction sale in the salesroom of the Department of Lands, Forests and Fisheries, in Quebec, on Thursday, the 8th day of June, next, at 11 o'clock in the forenoon, upon the following conditions: The upset price of the said water power shall be \$20,000 (twenty thousand dollars), and the purchase price shall be payable in cash. A deposit of \$5,000 (five thousand dollars), by accepted cheque, will be required as a preliminary from each intending bidder. The purchaser must bind himself to disburse in the way of improvements and development of the said water power, within a delay of three years from date of sale, the sum of \$300,000 (three hundred thousand dollars). The sale of the said water power is made subject also to the following conditions, viz.: That the Upper Ottawa Improvement Company will remain in the enjoyment and possession of all the works, slides, dams, piers and booms which they have constructed for the purpose of holding and floating logs and timber, at Sturgeon Falls, and the use of the channel north of the "Black Chute," together with the right to repair said works and have access to them when required; these conditions, however, are alterable on the day of sale. The property is also within a few miles of the O.A. & P.S. Railway at Galesia, Ont.

Mining Matters.

Rich veins of mica and phosphate have been opened recently on the farm of C. Davis, near Perth, Ont.

A rich find of gold is said to have been made on the farm of Wm. Chatson, in the township of Denbigh, North Addington.

There is a deposit of arsenide of nickel, which also carries a large amount of cobalt, on Calumet Island, Que., in the Ottawa river.

The McNaughton gold mine, Rawdon, Hants county, N.S., has been sold to Archibald G. McDonald and John L. Johnson. The price paid was \$40,000.

The Moncton, N.B., Times is informed that an American syndicate is making extensive preparations for working what is believed to be a valuable copper mine near Wentworth, N.B.

The Government assay office at Belleville has received instructions from the Bureau of Mines to make a collection of minerals from Eastern Ontario for the Paris Exposition. The collection must be completed by 30th June.

The Fernie Free Press says: The Coal Company have sent the first shipment of coke to Helena. Regular shipments continue to the Le Roi smelter at Northport as well as to Trail and Nelson, and an occasional car to Butte and Great Falls. The production of the 30 ovens is steadily maintained at 70 tons daily. One hundred ovens will be built this season.

At War Eagle Mine, in British Columbia, on May 22nd, a hoist containing five men fell, in consequence of the breaking of the machinery, a distance of 350 feet to the bottom of the shaft, whereby four men lost their lives. W. F. Schofield, H. A. Honeyford, James C. Palmer and Thomas A. Neville were killed, three being smashed almost beyond recognition, but the fifth, M. Cook, escaped almost uninjured.

Hon. J. M. Gibson, Commissioner of Crown Lands, intends to have a base line explored in Northern Ontario, beginning at a point on the boundary line between the districts of Nipissing and Algoma, near Night Hawk Lake, on the 120th mile post north of Proudfoot's line. Alex. Niven, Q.L.S., will have charge of the survey, and he will be accompanied by W. A. Parks, lecturer on geology in Toronto University. The new line will be run about 150 miles through the district of Algoma, to or near the meridian of 84 degrees, and the region to be traversed is the source of the Moose River. It will cross numerous tributaries of the Mattagami and Misanabie Rivers.

Prof. A. P. Coleman, geologist to the Bureau of Mines, will leave about June 18 on an exploration trip to the north. Prof. Coleman will examine the country along the north shore of Lake Nipigon, including the islands in Nipigon river and Lake Nipigon, and the district southwest of Port Arthur, taking a general area of Cambrian rocks in these localities, which are known to carry copper, silver and iron. The professor will examine the country for iron and copper ores, for which at present there is a very extensive enquiry. He will also explore the country along the line of the Ontario & Rainy River Railway as far as any construction work extends, as the new cutting will afford very favorable opportunities for a study of the rock formation.

A smelter is to be built in Grand Forks, B.C., by the Granby Consolidated Mining & Smelting Co. The smelter will employ 200 men and will have a capacity of 500 tons per day, with provision to enlarge to a capacity of 3,000 tons. The smelter will be located on a high bench on the north side of the north fork of the Kettle river. Power will be obtained by damming the river at a narrow canyon a mile above. The water will be conveyed in a flume a mile long to the power house. The buildings will include a main blast furnace, a main blower, a machine repair shop, a blacksmith shop, sampling works and a roaster. The main flue will be 300 feet, 10 feet high and 12 feet broad. The smokestack will be 180 feet high. The ores to be treated are those of the Knob Hill, Old Ironsides, City of Paris, and Majestic mines, as well as those from the properties of the smelting company in Greenwood camp. The Knob Hill and Old Ironsides are now in a position to jointly ship 400 tons a day. The C.P.R. engineers are making surveys of the proposed spur from the main line to the smelter site.