

THE St. Jean Baptiste Electric Co., of Montreal, will put in several new lines this year, and will add new dynamos and engines. They are applying for power to increase their capital to \$500,000.

THE Gananoque, Ont., Carriage Co. have just put in an electric welder. It is said to be able to weld $\frac{3}{4}$ inch steel bars as quickly as they can be handled, and will unite brass with steel, or steel with iron, just as well.

THE Ontario and Sault Ste. Marie Water Light and Power Co. will apply to the Legislature for power to have their name changed to the Lake Superior Co., and to increase their capital stock from \$400,000 to \$2,000,000.

THE American Telephone Co., Chicago, who have the patent of a new cheap telephone working with a dry battery, are arranging for the establishment of exchanges in all the principal towns of the United States and Canada. Work will be commenced this spring.

THE surveys for the Hamilton and Lake Erie power scheme were completed about the middle of last month. As now decided on, the plan is to tap the Welland River, $1\frac{1}{2}$ miles east of Wellandport. From there a canal 8 miles in length will connect with the Jordan River.

THE Hamilton, Grimsby and Beamsville Electric Railway Co. have decided, on account of the opposition they have met with, to drop their project for the present of extending their line to Grimsby Park and Beamsville. The company have elected the following officers: President, C. J. Myles; vice-president, T. W. Lester; secretary-treasurer, Adam Rutherford.

IN the agreement of the Hamilton Radial Railway Company with the Niagara Central, the former was to take formal possession and pay over the money on January 27. The purchase price was \$250,000, but the Radial Railway Company, it is said, failed to hand over the money on the date named.—*Hamilton Herald*.

THE Valley Telephone Co., Nova Scotia, held their annual meeting last month, a dividend of 8 per cent. being declared. It was resolved to increase the capital stock by \$4,000 for the purpose of completing new lines. The old board of directors was re-elected, except A. E. Calkin, who was appointed in place of R. G. E. Leckie.

CHIEF ELECTRICIAN DAVIS, of the Toronto Street Railway Electric Company, whose name came up frequently during the recent municipal investigation, has left the service of the Toronto company and engaged with the Detroit Street Railway Company, in which Mr. Everett, vice-president of the Toronto company, is largely interested.—*London Free Press*.

A NOVEL point has come up lately for decision by the Controller of Customs, namely, whether electricity is dutiable or not. The people of Niagara, Ont., want to obtain their current from the new water power on the American side, and it is proposed to transmit it by wire across the river. They are doubtful, however, whether electric currents can be imported free of duty, so a few days ago they sent a deputation to the Controller of Customs in order to obtain a ruling of that department bearing on the subject.

FRANK R. GREEN, of Chicago; Mr. W. Worth Bean, of St. Joseph, Mo.; Mr. Joel Hunt, of Atlanta, Ga., and Mr. W. J. Richardson, of Brooklyn, N.Y., met in Montreal a few days ago as a committee to arrange preliminaries for the next convention of the American Street Railway Association, to be held in Montreal in October. The Windsor hotel was fixed upon as the place of meeting. G. C. Cunningham, general manager, and Ed. Lusher, secretary of the Montreal Street Railway, met the committee and assisted in their work.

THE Halifax Electric Tramway Company (Ltd.) has been incorporated, for the purpose of acquiring the Halifax street railway and converting it into an electric road. Prominent in the new company are H. M. Whitney, of the Dominion Coal Company, and formerly president of the West End street railway, Boston; G. B. M. Harvey, Boston; James Ross, Montreal; M. Dwyer, David McKean, J. Y. Payzant, Allan Haley, Thos. Lynch, A. Burns and W. B. Ross, Q.C., Nova Scotia.

TORONTO fire and light committee recommend the presentation of a by-law to the citizens for the raising of \$250,000 or \$300,000 for the purchase of a civic electric lighting plant. The by-law will probably be voted on in about six weeks. The city engineer speaks very favorably of the offer of the Geo. Bertram Engine Works to put in a plant for \$210,000, but thinks the question of operating it had better be left for further discussion, especially as the suggestion had been made to operate the plant in conjunction with the water works, which would lead to complications.

Personal

B. C. TISDALE, who, ten years ago, carried on an extensive foundry in Brantford, Ont., died last month.

WILLIAM ROSS late of the I.C.R. shops at Moncton, has been appointed foreman of the I.C.R. shops at Halifax.

HARVEY GRAHAM, general manager of the Ferrona Iron Works, New Glasgow, N.S., visited Montreal a few days ago.

W. DALE HARRIS, chief engineer of the Ottawa and Gatineau Valley Railroad, has also been appointed managing director of that line.

THOMAS GRAHAM, assistant fire chief, Toronto, has been appointed chief, to fill the vacancy caused by the death of Chief Ardagh.

ALEX. WOOD, of the firm of Frost & Wood, agricultural implement manufacturers, Smith's Falls, Ont., died last month at the age of 71.

JOHN E. HARDMAN, president of the Mining Society of Nova Scotia, has been seriously indisposed, but is now on the high road to recovery.

JOHN EDINGTON, engineer to Moncton, N.B., Water Co., has been appointed to fill the same position under the city's management of the waterworks.

FRANK TURNER, C.E., has been appointed chief engineer of the Cobourg, Northumberland & Pacific Railway. Operations will be commenced shortly.

CHAS. E. A. CARR, private secretary to Mr. Everett, of the Toronto Street Railway Co., has been appointed general manager of the London Street Railway Co.

W. W. ROCHE, of Kingston, has been appointed mechanical manager of the Ontario Government diamond drill, which is working this month in Bedford township.

A. C. McCALLUM, M.E., of the Wm. Hamilton Mfg. Co., Peterborough, Ont., was in Montreal a few days ago. Mr. McCallum reports business good in Peterborough.

JAS. DEVLIN, executive secretary of the Canada Association of Stationary Engineers, paid a flying visit to Montreal a few days ago, looking better than before his recent illness.

P. W. RESSEMAN has been appointed general superintendent of the Ottawa and Gatineau and Pontiac Pacific Junction Railways, in the place of J. T. Prince, who recently assigned.

WM. ROUTLEDGE, formerly mine manager to the Federal Mining Association and a member of the board for granting certificates to colliery officials, died at Grand Narrows, N.S., last month.

W. J. SADLER, brother of George W. Sadler, of the firm of Robin, Sadler & Haworth, leather belting manufacturers, was married last month to Miss Janet Weir, youngest daughter of Robert Weir, contractor, Montreal.

J. H. ECKERT, the manager of the Bell Telephone Co. in Brantford, has been promoted to a more responsible position of a similar character in Windsor, Ont. His successor at Brantford will be D. Roberts, of St. Catharines.

WILLIS CHIPMAN, C.E., Toronto, is the originator of a new project for reaching the North Pole, which will be referred to in this journal later. Mr. Chipman was recently appointed examiner in civil engineering in Toronto University.

J. C. MULLIN, foreman of the Electric Railway Car Works, Ottawa, has left for Valparaiso, Chili, where he intends to open in the electrical business. Before leaving, Mr. Mullin was presented by the members of Ottawa Electric Association with a purse containing \$130 in gold.

W. S. KEARSEY, of the Might Directory Co., Toronto, is visiting Montreal in the interests of a new business directory, which is to include the cities of Montreal, Toronto, Ottawa, Hamilton and London. The new work, published by this well-known company, should be a valuable hand-book for business men.

A. F. BURY AUSTIN, C.E., for the past eleven years with the Canadian Pacific Railway, has commenced business on his own account as a broker in lumber and dimension timber. The experience in the engineering construction work, and in the lumber purchasing department of the railway, has given Mr. Austin an opportunity of acquiring an intimate practical as well as a mechanical knowledge of all requirements connected with the trade, and made him acquainted with the best markets for obtaining any particular