

The capital of the Citizens' Telephone and Electric Co., Ltd., Rat Portage, Ont., is to be increased from \$40,000 to \$90,000.

The Mineral Springs Furniture Co., of Preston, Ont., has installed a dynamo and electric lighting plant in its factory.

J. H. Jones has completed the plans and specifications for the Sarnia, Ont., Street Railway Company's proposed new electric line.

The St. Hyacinthe Electric Railway Co. is applying for a Quebec charter to build an electric railway in the counties of St. Hyacinthe and Bagot.

The Hamilton Electric Light and Cataract Power Co. has had certain changes made in its charter enabling it to take over the management of companies of whose stock it has acquired at least two-thirds.

The Robb Engineering Co., Amherst, N.S., is supplying the town of Neepawa, Manitoba, with the steam plant for its new electric lighting system; a 100 h.p. compound engine and two 75 h.p. Mumford improved boilers.

The Royal Electric Co., Montreal, announced a cut of 30 per cent. in electric light rates on Sept. 15th, and the Lachine Rapids Land and Hydraulic Co. has followed with a reduction of 40 per cent., taking effect October 1st.

W. H. Pearson, W. H. Pearson, jr., W. E. H. Massey, J. W. Flavelle, Toronto, and R. Weddell, Trenton, Ont., have been incorporated as the Trenton Electric and Water Co., Ltd., capital, \$400,000; head office, Toronto.

The Ottawa Electric Railway Company has let a contract to Heney & Smith, of Ottawa, for the construction of an electric radial line from Ottawa to Britannia, on Lake Dechene, seven miles. The road is to be completed by November 1st.

J. Playfair, Geo. Chew, D. L. White, jr., and P. Potvin, Midland, Ont., W. J. Sheppard, W. H. F. Russell, W. J. Lovering, of the township of Tay, county of Simcoe, Ont.; J. J. Drummond, Radnor Forges, Que., have been incorporated as the Midland Power Co.; capital, \$90,000; to supply heat, light and power.

At a meeting of the shareholders of the Royal Electric Company, R. Forget, president, in the chair, the bylaw giving power to increase the capital stock of the company by \$750,000 was submitted and approved. The stock, it was decided, would be issued on a basis of one to two, so that present holders of two shares would be entitled to one in the new stock.

Hon. S. W. Parent has announced that the English and United States company, which has applied for certain water powers on the upper waters of the Saguenay River, Que., for the purpose of establishing calcium carbide works, will spend over a million dollars there if they obtain the privileges. His engineer is engaged in preparing a report for him on the matter.

The Canadian Niagara Power Company, which obtained a new franchise from the Ontario Government under which, according to the statement of Wallace Nesbitt, the company's counsel, it is expected that power will be available for transmission to Toronto, has given a contract for boring test holes along the line of the tunnel it contemplates building on the Canadian side of the Niagara River.

H. Alabaster, Gatehouse & Co., 4 Ludgate Hill, London, E.C., proprietors also of The Electrical Review, announce that the 1900 edition of the Universal Electrical Directory is in course of preparation for its 19th annual issue in January next. This book is of great value, and those wishing to secure the insertion of their names in the forthcoming edition should not lose any time in communicating with the publishers.

In connection with the destruction of water mains by electrolysis the Engineering News, New York, recently recommends the use of wood in joining water mains instead of lead. In St. John, N.B., it has been the practice for nearly half a century to close the joints in city water pipes, not with melted lead, as in most other places, but with pine plugs. The experiment was tried in 1851, and again in 1857. On both occasions it worked so well that the same policy was pursued two years ago. The object in view was economy.

The proposed bylaw to raise \$25,000 to establish a municipal electric light plant in Almonte, Ont., was defeated, Sept. 26th, by 38 votes.

The first meeting of the new directors of the Radial Electric Railway since the Cataract Power Company syndicate secured control of the road, was held Sept. 9th, and officers were elected as follows: President, John Patterson; vice-president, Hon. J. M. Gibson; treasurer, John Moodie; secretary, S. E. Malloch.

The Nova Scotia Electric Co. has been organized to supply electricity for lighting and power purposes for the whole of the Annapolis Valley, Nova Scotia. The following officers have been elected: President, Hon. F. W. Borden; secretary-treasurer, J. W. Beckwith, who with Captain H. H. Norwood, C. O. Foss, F. W. Clark, F. B. Wade and Allen Healy will constitute the board of directors.

The St. Catharines Cold Storage and Forwarding Co., Ltd., is replacing its direct current power service now in use in the warehouse, with a 15 h.p. two-phase S.K.C. induction motor. The current for this machine is supplied by the St. Catharines Electric Light & Power Co., which has recently installed in its power house a 200 k.w. two-phase S.K.C. generator for both lighting and power purposes.

At a meeting of the creditors of the Kay Electric Company, Hamilton, Ont., it was decided to wind up the estate, and Mr. Weyler, of the Packard Electric Co., St. Catharines, E. Brown and James Dickson, Hamilton, were appointed inspectors. The nominal assets are \$2,312.24, made up of stock and book debts, and the liabilities \$1,721.03, of which \$637 are preferred claims. The unsecured creditors, it is believed, will get a very small dividend.

Brewder & McNaughton, contractors, have issued a writ in the High Court of Justice against the Metropolitan Electric Co., Ottawa, claiming \$50,000 damages for alleged breach of contract and for wrongful deprivation of plant, materials and other goods and chattels. The writ is also for an injunction restraining the company from further use of the said plant. This is the outcome of the dispute which has been going on between the contractors and company which ended in the company taking away the contract from Brewder & McNaughton.

Guglielmo Marconi, the exponent of wireless telegraphy, who is now in New York, said to an interviewer: "The outlook for wireless telegraphy is bright, and the system is constantly being perfected. Messages have been flashed eighty miles, but I do not care to say what has been the greatest distance reached. The experiments have proved that the curvature of the earth is overcome, for in sending the message between stations 80 miles apart the earth curvature, which is over 1,000 feet, has been overcome. The station from which the message was sent was 70 feet high."

A syndicate has bought the Chats Falls at Fitz Roy Harbor, on the Ottawa River, on behalf of the Pontiac Mining Company. The falls are about 35 miles from Ottawa, and a minimum of 141,000 h.p. can be developed at low water and 600,000 h.p. at high water. The purchase was carried through by T. C. Bate, N. A. Belcourt, M.P., W. J. Poupore, M.P., P. Clark, Ottawa; Denis Ryan, St. Paul, Minn., and T. A. Darby, of North Carolina. These gentlemen bought the property as individuals, and are turning it over to the company. The falls, as mentioned some months ago in The Canadian Engineer, are in the middle of a highly mineralized country, and near two lines of railways.

At the annual general meeting of the shareholders of the Great Northwestern Telegraph Company the old board of directors and officers were re-elected, viz.: President, H. P. Dwight, Toronto; vice-president, Adam Brown, Hamilton; directors, H. N. Baird, James Hedley, A. S. Irving, W. C. Matthews, Toronto; Richard Fuller, Hamilton; Hon. William McDougall, Ottawa; and Charles A. Tinker, New York; secretary and auditor, George D. Perry; treasurer, Arthur Cox. The financial statements presented showed a marked improvement in the revenue of the company over the previous year, and it was stated that the outlook for the coming year was still more hopeful.