

SPARKS.

There is some talk of the electric railway at Peterboro', Ont., being extended to neighboring villages.

The town of Windsor, N.S., is considering the advisability of installing an electric plant for street lighting.

The Little Salmon River Telephone Company has been granted the privilege of carrying its line into St. John, N.B.

The Canadian General Electric Company are installing a 100-light electric plant for the Guelph Carpet Company, of Guelph, Ont.

The electric light plant at Cookshire, Que., is nearing completion, and it is expected that the light will be available early this month.

The Stromberg-Carison Telephone Manufacturing Company, of Chicago, are said to be considering the establishment of a factory in Canada.

The Montreal Street Railway Company are said to be experimenting with some of the latest inventions for the purpose of consuming smoke.

It is understood that the Mimico Electric Railway Company have decided to extend their railway to the Long Branch ranges, work to be commenced after the new year.

John Kerr, who was injured by a collision on the street railway at Sherbrooke, Que., while employed as a motorman, has instituted a claim for \$7,500 against the company.

The Board of Trade of Parry Sound has appointed a committee to obtain information as to the cost of constructing an electric railway to connect Parry Sound and Depot Harbor.

J. E. Valois has been appointed a commissioner to inquire into the management of the electric light system in Lachute, Que., at present under the control of Mr. J. M. Fulton, liquidator.

On December 17th the ratepayers of Galt, Ont., will vote on a by-law to raise \$67,750 to purchase the gas and electric light plants. The company owning these plants has offered to sell at that figure.

* The British Columbia Telephone Company, Limited, are seeking enlarged powers, to enable them to absorb the business of the New Westminster and Burrard Inlet and Vernon and Nelson telephone companies.

A report is current that an English syndicate is preparing to build a pulp mill in the Saguenay district, province of Quebec, and that the construction of an electric railway from Alma Island to Tadoussac is part of the scheme.

The Toronto Electric Light Company have placed an order with the Canadian General Electric Company for a large power generator of the latest multipolar type. This machine is to be wound to deliver current at 250 volts pressure, and has a capacity of 600 h.p.

The tender of Alex. Anderson, Toronto, for installing an electric fire alarm system for Owen Sound, Ont., has been recommended for acceptance, the price being \$1,225. The other tenderers were: Parker & Co., Owen Sound; Rodgers Electric Company, Toronto; Geo. Scott, Oshawa; Bell Telephone Company.

The Canadian Peat Fuel Company recently conducted some experiments at Trenton on a locomotive of the Central Ontario Railway Company, using peat as fuel. A train of 22 freight cars was drawn over a distance of 30 miles, a considerable portion of which was heavily graded. The master mechanic of the railway company is said to have pronounced the results as extremely satisfactory.

The Railway Committee of the Privy Council has refused the application of the Ottawa Electric Street Railway for permission to cross the Canada Atlantic Railway tracks at Elgin street, Ottawa, so as to continue their line to the exhibition grounds. This case is interesting, inasmuch as the city issued an injunction against the street railway company to compel them to continue this line.

The lighting plant of the Stouffville Electric Light Company, of Stouffville, Ont., which was installed about 5 years ago, suffered damage a short time ago by the armature bands breaking and wrecking the machine. In replacing this dynamo, they installed an S.K.C. inductor type machine, which will, at least, do away with the possibility of having another wrecked armature, or a burn-out, or troubles from brushes and commutators. The plant, as remodelled, is strictly up-to-date.

TRADE NOTES.

The Davidson Manufacturing Company, of Montreal, Que., have purchased a 30 h.p. induction motor from the Canadian General Electric Company.

The Canadian General Electric Company are installing an electric plant of 100 lights capacity for the Williams Shoe Company, of Brampton, Ont.

C. O. Beauchemin, Montreal, P. Q., has purchased from the Canadian General Electric Company a 30 kilowatt generator of the latter company's latest multipolar type.

The Mispic Pulp Mills, of St. John, N. B., are installing an electric lighting plant, and have purchased a 400-light dynamo from the Canadian General Electric Company.

O. & W. McVean, of Dresden, are installing an electric lighting plant for use throughout their various mills. The Canadian General Electric Company are furnishing all the apparatus and wiring supplies.

The Canadian General Electric Company have recently closed a contract with Messrs. Geo. Matthews Company, of Peterboro', for the installation of electric lighting plant, the dynamo to have a capacity for 150 lights.

The Penberthy Injector Company, of Detroit, Mich., is announced to have won its suit against the Lee-Penberthy Mfg. Company, restraining the latter company from using the name Penberthy on its goods.

Mr. A. E. Payne, E.E., who has been associated with the Royal Electric Company for the past four years, will in the future represent the Packard Electric Co., of St. Catharines, and Mr. R. E. T. Pringle, Montreal. His friends throughout the country will be pleased to learn that Mr. Payne will be able to offer them the standard apparatus and lamps of the Packard Company, as well as the very large line of supplies handled and kept in stock by Mr. Pringle.

PUBLICATIONS.

The Robb Engineering Company, Limited, of Amherst, N. S., have issued a condensed catalogue of their engines and boilers. The booklet contains views of their Robb-Armstrong simple, tandem and cross compound centre crank and side crank engines, the Mumford improved boiler, with sectional views thereof, portable boiler and engine, and return tubular boiler, together with some selected testimonials from customers.

The Executive Committee of the Canadian Association of Stationary Engineers have favored us with a copy of a handbook of engineering information compiled in accordance with a resolution passed at the annual convention of the society held in Brockville on August 16th, 1897. The book contains nearly 300 pages, nicely printed, bound in leather, and is replete with valuable tables and data of every-day use to engineers. Copies may be obtained from Mr. J. G. Robertson, executive secretary, Montreal.

The first number of the American Street Railway Directory and Buyers' Guide has been issued by Mr. E. L. Powers, of New York and Chicago, and contains a complete list, with general statistics, of the electric, cable, horse and elevated railways in the United States and Canada. This directory was formerly published as a feature of the magazine "Electrical Industries." Later, when this publication became merged into the "American Electrician," the railway and lighting directories were both incorporated into the "Standard Electrical Directory." Owing to the pressing demand, however, for a purely class publication, it was decided to issue the Street Railway Directory separately.

We have received from Mr. W. T. Bonner, of Montreal, manager of the Canadian branch of Messrs. Babcock and Wilcox, Ltd., a copy of the 30th edition of their book entitled "Steam." This book contains much valuable information regarding the subject of steam generation and the economy of steam plants generally. The articles bearing on the construction, erection and operation of the Babcock and Wilcox water tube boilers are especially interesting, while the rules and practical data make it valuable to engineers and steam users in general. It is also profusely illustrated. We learn that each edition of this book includes two or more issues of from 1,000 to 5,000 copies, and that it is sent free to all applicants. The Babcock and Wilcox Company are therefore entitled to considerable credit for their efforts in an educational way.

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