

Leblanc is chairman, and Alex. Garipey sec.-treas. of the local committee of management.

T G BRIGHAM, of Ottawa, is now building an aluminum engine for a portable yacht. The whole craft, which is 18 feet long by 4 feet 3 inches beam, will only weigh 300 lbs. after the machinery is in. Her engines, shaft and wheel will only weigh 15 lbs., whereas if they were built of iron, they would weigh 58 lbs. Mr Brigham will use his new boat for going to the upper reaches of the Ottawa river, 800 miles from the city.

THE total number of wrecks in Canadian waters during the last fiscal year was 86, representing a loss of ten lives and \$322,225. The value of the registered tonnage of Canada is \$26,088,720. Last year 326 vessels, having a tonnage of 21,243 tons, were built, and there are now on the registry books of the Dominion, 7,245 vessels, representing 869,462 tons. Canada's marine is larger in numbers than it has been for ten years, and smaller in tonnage.

THERE are now 15,768 miles of railway completed in Canada. This is an increase of 448 miles over last year. The paid-up capital of these railways amounts to \$887,975,020. The gross earnings for this year are \$49,552,528.14, and the working expenses aggregated \$35,218,433. The net earnings were \$14,334,095. The various roads carried during the year 14,462,498 passengers, an increase of \$44,471 over the previous year. The freight traffic, however, fell off to the extent of 1,282,483 tons. The Intercolonial again shows a surplus, its earnings being \$2,987,510, and its expenses \$2,981,671.15, leaving a surplus of \$5,838. Canada has now spent on railways the sum of \$136,463,775. Of that sum \$97,075,338 has been expended by the Government in the construction of railways, and the balance in subsidies.

THE results of the changes ordered by Mr. Gildersleeve in the steamer "Terrebonne" of the Richelieu and Ontario Navigation Co. have been gratifying, even beyond the expectation of the management. This boat, which runs between Montreal and Contrecoeur, was 138½ feet long by 24 feet beam, but 13½ feet was added to her bow, making it more tapering than before. The diameter of her wheel was lessened by about 15 inches and the buckets were made a little longer. Her boiler, which was shifted forward 7 feet to get the "trim," was covered with boilding covering, and some alterations were made to the grate bars. While these changes were in progress, a great many doubts were expressed by marine men as to the advantages; but the result is that the "Terrebonne" now makes three miles per hour more than she did before, with somewhat less expenditure of fuel.

Electric Flashes.

NELSON, B.C., is to have electric light.

A six mile electric railway is to be built at Oshawa.

It is proposed to put in an electric light plant at Sussex, N.B.

ROSSLAND and Vernon, B.C., are to have an electric light plant.

A STREET railway to the rapids is on the cards for Sault Ste. Marie.

THE electric railway from Berlin to Waterloo was opened on 17th May.

WORK will commence on the Halifax electric street railway in a few weeks.

THE electric railway line between Niagara Falls and Buffalo, on the American side, is nearly completed.

THE Lundy's Lane Electric Street Railway Co., limited, has been incorporated with a capital of \$50,000.

THERE is some talk of an electric railway from Kincardine, Ont., to Teeswater, a distance of about 10 miles.

PROSPECT Park, at Niagara, will probably be illuminated by electricity; it is also proposed to turn search lights on the Falls.

THE by-law for the proposed civic electric plant, as well as that for waterworks improvements in Toronto, was defeated by heavy majorities.

THE Canadian Niagara Power Company have already paid \$87,500 for the exclusive privilege of developing power in Victoria Park, Niagara, but they have not commenced work on the Canada side yet.

JAS A McMAHON, contractor of St Catharines, is suing the Richmond Hill Electric Railway Co. to recover the amount of a previous judgment, \$798, on a contract. Another action is pending against the same company by John Hartnett.

THE Kingston and Gananoque Electric Railway Co. has obtained incorporation.

THE Galt and Preston Street Railway Co. expect to have their extension to Hespeler running early in July.

THE Bell Telephone Co. have commenced work on their new long-distance system between Toronto and Montreal.

THE Selkirk Electric Company, Ltd., Selkirk, has applied for letters patent to increase the capital stock from \$10,000 to \$25,000.

THE Halifax Electric Street Railway Co. has ordered from the Robb Engineering Co. two 300-horse-power tandem compound engines.

THE owners of the Jeffery mine, Danville, Que., are seeking a franchise enabling them to run electric cars through the streets from the mine to the depot.

A LABORER named Moran received \$500 damages from the Hamilton Street Railway Co. on account of injuries received by being struck by one of their cars.

THE electric street railway between Berlin, Ont., and Waterloo is now in running order. The initial trip was made on the 17th May, and was quite successful.

IT is proposed to build an electric railway between Allandale and Barrie, Ont., and application will be made for a charter for a company, with a capital of \$20,000.

THE Island at Toronto will be lighted this summer by 120 arc lights and 250 incandescent. The engine-house and light station are already approaching completion.

HALIFAX is to have an electric street railway. All the necessary capital is said to be subscribed. The route will be 8 miles long and will be completed during this summer.

ONE of the best electricians in America, J. Hurd, is a convict in the Kingston penitentiary. He superintended the working of the electrical machinery at the World's Fair in Chicago.

THE strike last month of the employees of the Canadian General Electric Company to the number of about 300 has been settled, and the works are now running overtime in some departments.

WORK on the electric railway at Belleville, which is to be operated on a new system recently described in THE CANADIAN ENGINEER, is to commence this month, and material is now being got ready.

THE Royal Electric Co., Montreal and Toronto, have received the contract for six 7½ k. w. generators for the steamers of the Richelieu and Ontario Nav. Co., and will also put in a 5 k. w. generator in the steamer "Lakeside," plying between Toronto and St. Catharines.

THE city surveyor of Montreal has suggested altering the incinerator in St. Gabriel ward, so that the heat from the garbage consumed could be used as power for electric light machines. He shows that the city by this method could derive considerable revenue.

AN electric crossing alarm invented by John Phillips has been used by the G.T.R. at Brockville and has given much satisfaction. Mr. Phillips is now engaged making improvements on it which will cause a bell to ring automatically from the time a train comes within forty rods of a crossing until it has passed.

THE London, Ont., Electric Street Railway Co. are petitioning for the exclusive right to enter the water-works park as an electric railway. The company are asking for a thirty years right for which they are prepared to pay \$6,000. It is expected that the promoters of the radial railway will vigorously oppose this scheme.

THE annual meeting of the Ottawa Electric Company was held on June 3rd. The report for the year showed gross earnings of \$152,000. A dividend of 5 per cent. for the year was declared. The total number of lights in operation is, incandescent, 49,000, arc lights, 430; motors, 89. The following board of directors was re-elected: T. Ahearn, president; E. H. Bronson, vice-president; G. H. Brophy, W. Scott, C. B. Powell, G. H. Perley, J. W. McRae, D. Murphy, F. Clemow.

JOHN STARR, SON & Co. have just been awarded the contract for installing a complete telephone exchange for fifty subscribers at Campbellton, N.B., including switchboard, telephones, wires, etc. Messrs. Starr have also just received an order through their Quebec agents for five standard switchboards with the necessary telephones, etc. This speaks well for the superiority of the "Unique" telephones manufactured by them, as in both instances the above were secured in face of strong competition. This firm have made a specialty of telephones for some time, and their make are well and favorably known all over Canada.—Halifax Herald.