

THE St. Clair Tunnel Co. have, owing to the difficulty of ventilation attending the use of coal-burning engines, decided to introduce some form of electric transit.

THE Toronto and Scarborough Electric Railway have contracted with the Toronto Railway Co. for the right to run freight cars over the latter's lines into the centre of the city.

IT is said that the French language is better adapted to the purpose of the telephone than the English, owing to the larger number of sibilant sounds used by the latter.

THE Niagara Park and River Electric Co. are making extensive improvements and extending their track to the Michigan Central station and also along the Niagara River.

ELECTRIC ambulances are to be built in London, Ont., for use in street car and other accidents. The street railway company will supply power and will give free use of their lines.

THE Nova Scotia Power Co., Halifax, have asked the council for permission to erect poles, relay the track with new rails, etc., preparatory to operating the street railway by electricity.

THE following officers were elected the other day for the Montreal Electrical Club: President, W. B. Shaw; vice-president, J. A. Farlinger; secretary and treasurer, Jas. Burnett.

THE Bell Telephone Company have brought an action against the Sherbrooke, Que., Telephone Association on the ground that they had cut the former company's connecting wires in that town.

IN Kingston, since the starting of the electric railway, the lighting seems to have been affected, and considerable dissatisfaction has been expressed at the insufficient capacity of the electric system.

LILIAN REECE, the young girl who lost an arm by being knocked down by a trolley in Hamilton last July, has taken an action against the street railway company to recover damages for \$10,000.

THE Montmorency Electric Power Co. are making application to the Quebec Legislature to amend its Act of Incorporation and to authorize it to sell or let any portion of its property with the consent of the company's bondholders.

PETERBORO council has passed a by-law granting a bonus of \$5,000 to the Canadian General Electric Light Co. on condition that they remove all their Canadian branches to that city. It is proposed to remove the works now at Hamilton to Peterboro.

THE Chaudiere Electric Light Co., Ottawa, have decided to put in their new plant themselves, although several tenders for the supply of machinery, etc., have been opened. They will equip their new station with a 1,200 horse-power plant to start with, allowing room for extensions.

DURING the past year the St. Charles Omnibus Co. of Belleville have delivered to the Montreal Street Railway Co. 45 electric cars. This company are shipping this month a handsome hose wagon to Vancouver, B.C., and are also delivering to the new C. P. R. hotel at Quebec two stylish hotel busses.

THE Brantford, Ont., Electric Light and Power Co., who were the successful tenderers for the electrical lighting of the city for the past year, now offer to supply light for twelve months at 28 cents each lamp per night. If for a term of five years, the company's offer is 23½ cents per lamp, which was the same rate as in the last contract.

THE Standard Light and Power Company of Montreal, amalgamated with the Citizens' Light and Power Company, who have lighting privileges, are discussing what is to be done in the matter of the former's railway privileges. It has not been decided whether the company will build a railway from Montreal to Lachine, or whether they will sell their rights altogether.

THE St. Jean Baptiste Electric Light Co. of Montreal are making further extensions to their plant. They are now putting in two large Westinghouse dynamos and one generator. The steam-power also will be greatly augmented, three new engines of 500 horse-power each now being put in. The Westinghouse dynamos are from the well-known works of Ahern & Soper, Ottawa.

REFERRING to our item in last issue to the effect that Eugene Baldwin was building a windmill at Dixville, Que., for the purpose of furnishing power for electric lighting, the *Sherbrooke Examiner* says that this is the only electric light plant in Canada which utilizes the wind as power. The first attempt at lighting was made the other day, says our contemporary, and resulted very satisfactorily. The mill itself stands 67 feet from the ground, the wheel being of steel 16 feet in diameter. In the base of the tower are situated the dynamo and other appurtenances necessary for lighting by electricity.

CANADIAN ELECTRICAL ASSOCIATION.*

The third convention of this association took place at the Industrial Exhibition, Toronto, on Tuesday and Wednesday, September 12th and 13th. Besides President J. J. Wright, who presided at all the sessions, the members present were as follows:—W. A. Johnson, J. H. Kammerer, Hugh Neilson, F. C. Stannard, H. P. Dwight, A. M. Wickens, Norman Smith, C. E. McManus, John Langton, W. J. Jones, Chas. Dwight, W. T. Rutherford, H. F. Dennis, Jas. A. Baylis, F. J. B. Seaver, K. J. Dunstan, C. H. Mortimer, John Galt, C. E., A. B. Smith, W. A. Tower, Frederic Nicholls, J. H. Armstrong, W. A. Martin, E. B. Merrill, T. R. Rosebrugh, F. C. Robertson, Toronto; Alfred C. Lavelle, Kingston; W. B. Evans, Napanee; H. W. Kent, Vancouver, B.C.; L. B. McFarlane, F. Thomson, John Carroll, D. A. Starr, Montreal; B. J. Throop, R. G. Black, Geo. Black, D. Thomson, W. F. McLaren, Hamilton; H. O. Fisk, A. C. McCallum, J. S. Knapman, Peterboro'; A. A. Wright, C. H. Wright, Renfrew; John Yule, Guelph, J. H. Thompson, Ottawa; E. Carl Breithaupt, Berlin; Alex. Taylor, Edmonton, N.W.T.; R. G. Moles, Arnprior, C. F. Medbury, and W. G. Fraser, Petrolia.

President J. J. Wright opened the convention by reading an address as follows:—

PRESIDENT'S ADDRESS.

GENTLEMEN OF THE ELECTRICAL ASSOCIATION.—It has again become my pleasing duty to meet you in convention assembled, and at this our annual session to congratulate you on the progress we have made as an association, and on the success which has attended our efforts to advance the interests of the electrical fraternity.

It is not necessary for me to elaborate any platitudes on the wonderful progress being made in the utilization of electricity. This is evident enough to impress even the most thoughtless. The multiplicity of electric cars on our streets, the telephones in our houses and the electric motors in our workshops, are eloquent realities that impress the fact upon our notice. Apart from the rapid increase of what may be termed the standard uses of electricity, the most notable development appears to be in the increasing use of alternating currents, especially of higher tension than has heretofore been considered practical or advisable. The use of these currents for purposes of light and power will increase with the advent of a practicable motor, and it is possible in the near future that current for arc and incandescent lighting and motive power will be distributed from one source of supply. The chief obstacle to a complete and comprehensive distributing system is the difficulty in running these generators into the mains in multiple arc, though even in that line what is now experimental may become in the near future a practical method of operation. We are looking for further developments on this line, as it appears to be at present the most promising field for the enterprising inventor. After the consideration of the various papers that will be presented for discussion, the most important duty of this convention will be the election of officers to administer the affairs of the association for the coming year. I would like to remind you of the importance of this duty. The continued success of the association depends on a judicious choice. On your part you should endeavor to select progressive, vigilant men, prompt to grasp an opportunity as it presents itself, and with ability to use it to the best advantage. On the part of members who may be chosen to take part in the administration of affairs, I would urge upon them to accept the honor attached to an executive function and to do their best to attain success along the lines laid down, but on no account to accept an office unless prepared to give proper time and attention to its necessary duties. I also wish to impress upon the members of this association, if they would become a power for usefulness, the necessity of taking hold of questions as they arise and dealing with them on new and original lines. It is the duty of an organization of this calibre to lead, not to follow. I am still hoping that you will take in hand and endorse with your authority a standard of illuminating power for arc lamps, one that shall be recognized, in this country at least, as authoritative and final, and shall be referred to as the Canadian Electrical Association standard. If this had been done at the Hamilton convention when first proposed, we should have led the world. The opportunity still exists, however, as the Chicago Congress failed to take definite action. It still exists, though not to the exclusive extent that it might have done. It will not do to be satisfied to fall in at the tail of the procession and take a back seat, as we did, simply because the cross roads village of Podunk has had a four ampere system palmed off on it for 2,000 candle power. If we

* Our report is condensed from the official notes of the stenographer appointed by the Association.