

REPORT OF THE COMMITTEE ON STATISTICS.

Your committee beg to report as follows:—

The information which it was considered desirable to obtain was principally such relating to central stations for the supply of electric light and power and electric street railways. Detailed information from such stations regarding the original cost of installation, the cost of operation, the volume of the output, the prices realized, and any particular difficulties or extraordinary circumstances encountered, would doubtless be of great value to every person interested in these branches of electrical work. The members of the electrical fraternity have everything to gain and nothing to lose by a free interchange of ideas, and an open discussion of experiences met with, this object is, indeed, one of the principal motives for the formation of the Canadian Electrical Association. On the other hand, the data referred to, although they are not strictly business secrets, are not of such a nature as a company desires to publish openly. The previous committee on statistics had sent out blanks requesting data from central stations; on looking over their returns received, we found that only a small proportion of sheets sent out had come back, while on those which were returned the answers to the questions were incomplete and therefore of little value. It was thus evident that the compilation of the desired statistics would involve a considerable expense, and since the funds of the association did not warrant it, your committee did not proceed in this way.

During the past year, however, the Dominion Government has commenced to gather statistics relating to the electrical industries, and it was suggested that the committee should lend its assistance to this work. Mr. Higman was added to the committee as advisory member, and separate forms were drawn up by the committee, one to be sent to electric lighting and power companies, the other to electric railway companies. These returns being the property of the Government, are kept secret. The detailed information concerning each separate company can, therefore, not be presented, but the totals will be published and these will be of undoubted value because they will be complete. Mr. Johnston, the Dominion Statistician, assures us that in another year he will be in a position to give the association a large amount of information concerning these industries, all properly summarized and tabulated.

All of which is respectfully submitted.

E. CARL BREITHAAPT, Chairman.



L. B. MACFARLANE, 2ND VICE-PRESIDENT CAN. ELECTRICAL ASSOCIATION.

Mr. Dion's paper on the "Consolidation of Two Systems of Electric Supply," was then read, and will be found in our next issue.

The programme of papers, as outlined in last issue, was carried out, but we regret that some of these papers, with the discussion which followed their reading, cannot be dealt with in this issue for want of space. It was decided to hold the meetings hereafter in June, the exact days of the month to be fixed by the executive. Next year's convention will be held in Toronto. The following were the officers elected for the ensuing year:—

President—Alex. B. Smith, superintendent of construction, Great North Western Telegraph Company, Toronto.

First Vice-President—C. Berkeley Powell, Ottawa Electric Company, Ottawa.

Second Vice-President—L. B. Macfarlane, manager Eastern Department Bell Telephone Company, Montreal

Secretary-Treasurer—C. H. Mortimer, *Electrical News*, Toronto.

Executive, one year—Geo. Black, Hamilton; E. Carl Breithaupt, Berlin; O. Higman, Ottawa; J. A. Kammerer, Montreal; J. J. Wright, Toronto. Two years—F. H. Badger, Quebec; W. Y. Soper, Ottawa; A. M. Wickens, Toronto; K. J. Dunstan, Toronto; John Carroll, Montreal.

THE BANQUET.

The dinner held at the Russell House on the evening of the 18th may be recorded as unique in the history of public banquets in Canada. The following humorous *menu* disposed the guests to pleasure, and prepared them to appreciate the electrical effects of the hall, which could only be taken in after study. Following is the *menu*:

"Oh, hour of all hours, the most blessed upon earth,
Blessed hour of our dinners."

MENU.

Clear Dynamo Soup with Dumpling Units.

Broiled Whitefish with Ampere Sauce.
Sliced Cucumbers and Grounded Potatoes.

Lamb Cutlets and Green Peas.
Chicken Souffle, Dunstan Style.
Filets of Beef, Street Railway Sauce.

Roast Ribs of Beef, Ottawa Style.
Boiled Turkey, Polyphase Sauce.

Anchor Ice Sherbet.

"The game is up; every man to his taste."
Black Head Duck with Direct Current Jelly.
Lettuce Salad, Telephone Dressing.

English Plum Pudding with (low potential) Brandy Sauce
Greengage Tart. Wine Jelly.

Cream Meringue. Electric Ice Cream.
Fancy Cakes.

Fruits.

Cheese and Crackers. Coffee.
Sherry (Wattage of '95). Ale, Ginger Beer.

Ginger Ale.

Electrocution.

Novelties in electrical illumination were to be seen on every wall, but a few of the most striking were as follows: Monogram of the C.E.A. in incandescents at the end of the room, surrounded by a horseshoe of gold, with light shining through the nail holes. The word "Ottawa" in incandescent lights on one end and "1895" at the other; while over the centre of the main table was a Union Jack formed of lights of correct colors, and so closely set that they seemed from a side view to be continuous stripes of light. An arch of evergreens was over each lady's seat, with an incandescent in the apex of the arch. There were festoons of lamps hung from the ceilings, and miniature incandescents on the table amidst flowers. In the centre of the room was a pyramid of crystal lights with incandescents, and surmounted by a figure *a la* Statue of Liberty holding aloft a light, the whole pyramid revolving slowly. When the item of roast beef was reached, three stewards in white appeared at a table on a raised platform, and as they began to whet their knives electric sparks flew from the blades, amidst the plaudits of the assembled company. The waiters had miniature incandescent lamps in their shirt bosoms, supplied from a little storage battery in their pockets. Then the dessert pieces were made up in electrical forms, such as electric cars, dynamos, all complete, insulators, telegraph poles with cross arms, telephones, etc., in candy, jelly and cake. The toast list, though short, was well carried out; among the speakers, besides the president, who was in the chair, were Mayor Borthwick, Sir James Grant, George Johnson, the Dominion statistician, W. Y. Soper and others.

NINE miles of new steel rails are to be laid on the C.P.R. westward from Wabigoon station.

THE Grand Trunk Railway will move their car shops from Brantford to London, Ont., where they will employ 500 men.

THE Toronto, Hamilton and Buffalo Railway Company have purchased land near Welland, Ont., for the erection of a round house and repair shops.

THE excursion steamer "Columbian" was destroyed by fire at Bobcaygeon, Ont., last month. The steamer was owned by McManus & Co. and was insured.

A DELEGATION from the Canadian Inland Marine Association have interviewed the Government with a view to remedying the danger caused to navigation by the low water in the St. Lawrence.

AN engine and ten box cars, the property of the Brockville, Westport and Sault Ste. Marie Railway Company, were sold at Brockville a few days ago by order of the Dominion Government, to satisfy its claim for uncollected customs duties of \$1,000. The amount realized was \$910.