

**MR. BECK ISSUES
ANOTHER REPORT**

**Says It Confirms Hydro-Electric
Commission's Figures For
Street Lighting.**

Mr. Beck asks insertion of the appended letter from Mr. Alex. Dow, vice-president and general manager of the Detroit Edison Company, Detroit. Mr. Beck says that this supports the hydro commission case in the matter of street lighting in London.

Mr. Dow's report is highly technical, and may not be understood by the layman, but here it is:

ALEX. DOW,
Member A. S. C. E.
Member A. S. M. E.
Member L. E. E.
Cable address—
"Aldo," Detroit.
18 Washington avenue,
Detroit, Mich., Dec. 15, 1912.

Hon. Adam Beck, Toronto, Ont.:
Dear Sir:—I today received a file of papers dated Nov. 4, 1912, not signed, but showing itself to be an analysis of the hydro-electric department of London, Ont. for ten months; the inclusion of the analysis being to determine the proportional cost of the street lighting.

The method followed in that analysis is correct. Such items of capital cost as can be identified as belonging to the street lighting or to other services are charged to the respective services. The same rule is followed with the items of operating cost which can be identified. I note that the subdivision of accounts is carried so far as to permit this to be done to the practical limit. Capital account, where sub-stations and poles, where distribution can be made according to

ment by each service, are so distributed. For instance, sub-station investment is distributed pro rata to the proportion of the total street lighting space and poles and associated equipment to the relative investment determined which are absolutely common to the service. The relative investment in the relative accounts are distributed pro rata to the relative demand for street lighting, the minimum demand for street lighting, has been determined by measurement.

The maintenance and the overhead extra to the accounts are distributed pro rata to the relative demand determined according to the method recited. I do not see that a more exact determination could be made. The items distributed into these accounts are relatively small and it is not possible for some difference of opinion, the application of any other method would have a negligible effect upon the result. It is worth while to carry analysis of such operating items to extreme refinement.

The cost of street lighting, as determined by this analysis, is a comparatively small proportion of the total costs. This cost may be included in the installation at once of a fairly complete system of street lighting; where

not be able to represent, even approximately, the full demands of the community. The proportionate charge for equipment used in common, and for office and maintenance staff, will fall as the power load and commercial lighting load increase. This is obvious and natural. It would be misleading, however, that the investment in the street lighting distribution system is always large in proportion to the power required by that system. It is not for this reason that the street lighting must be followed in determining the cost of street lighting for any community. An average kilowatt-capacity cost, based upon the general requirements of the community, can only represent the cost of the lighting system when by some chance the street lighting system and the general average coincide. There is no necessary relation between these two. Yours truly,
ALEX. DOW.

Major Gaynor, of New York,
Says Father of His Country
Swore Like a Trooper.

New York, Dec. 39.—George Washington was a man of good sound judgment, but had no extraordinary ability; Abraham Lincoln was great only in his philosophy; the declaration of independence was not a heroic document; there was nothing remarkable about the constitution and it was no great feat to make it—these are a few of the assertions made by Major Gaynor in his criticism of a new book on Washington and Lincoln at the request of the author.

Of Washington he said:

"We think of him as a good man with to the truth, always and never getting angry, and suffering 'no pain' and was of great justice and accuracy of judgment, but not of genius or extraordinary ability. This is all, in the main true; but as a matter of

to have sworn like a trooper at times. And his face was pitted and he had bad teeth and other physical imperfections."

The mayor said the emancipation proclamation had almost to be extorted from Lincoln, and that he was slow to see that that act would consolidate and energize those carrying the cause. He said the union general ridiculed his military ability and presented his interference.

"But," said the mayor, "he had more philosophy than all his advisers and generals and critics put together. And Lincoln was great."

The mayor says that several victories had been won when the declaration was signed and that the document not only recognized existing conditions of the constitution he said:

"I do not recall anything in it or any other principle in it which the framers of it did not have right at their hands in the state constitution and bills of rights."

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ECHO OF IMAGED.

Ald. Coles did not stay to address the meeting, and left immediately after the mayor appeal for the electors to vote for the square.

Ald. Wm. Spittal told of the fight for Chicago, Ill., and advised all citizens to support the industrial plants. He favored electrification.

Messrs. Nell Cooper, J. H. Saunders, C. A. Mass, E. Mitchell, E. Ross, E. L. Russell, council candidates, A. R. Walcott for a water commissioner, and Messrs. W. W. Gammage, M. F. Irwin, Wm. W. Brown and J. B. Gault for school board aspirants, spoke in behalf of their candidacy. Mr. E. R. Dennis was present in behalf of the industrial plant.

Mr. Richard Saunders, the chairman,

Chicago, Dec. 30.—Memorial services were held today at the Iroquois Memorial Emergency Hospital for the 652 victims of the Iroquois Theatre fire, which occurred on this date, 1903.

To electrify the L. and P. S. R. merely in order that "hydro" might make a better showing would be the greatest folly. Aspliant, Bennett, Blandford, Johnson, Richter and Robinson will see to it that the city will not be blindly ushered into a scheme that will cause the citizens to regret ever afterwards. Vote for them.