

WILLIAM S. MURRAY,
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165 Broadway, New York City.

May 28, 1920

Col. Sir Adam Beck, Chairman,
Hydro-Electric Power Commis-
sion, Toronto, Ont., Canada.

Dear Sir:—

In conformity with your request that I report upon the proposed construction of the Toronto and Bowmanville, the Toronto, Hamilton and Niagara Falls, and the Hamilton, Guelph and Elmira radials, I would advise that I have visited Toronto and much of the locality through which it is proposed to build these lines. Your engineering staff has placed at my disposal for inspection their construction and operating plans, together with a canvass showing the estimated income of the proposed radials. I have also examined the very complete and illuminating report to the Civic Transportation Committee by Messrs. Harris Gaby and Cousins.

Summary of Report

Briefly summarizing the general report which follows:—

- (1) I consider the construction and operating estimates made by your engineering staff conservative.
- (2) I find the lines admirably located with reference to the passenger and goods traffic they are designed to reach, the density of which is not in unfavorable comparison to existing roads which have thrived in the States.

- (3) I do not consider the act of their construction as one against which a charge of duplication can be made.
- (4) I am in full accord with the conclusion of the Commission that it is inadvisable to proceed at this time with the full construction of these radials on account of the greatly inflated costs applying both to line and equipment.
- (5) I consider it most important, however, that the Commission proceed with the development of its full plans applying to financing as well as construction, in order that it may be in a position to acquire such existing radials and property as may be economically purchased, and which will later form parts of the completed systems.

REPORT

London and Port Stanley Road

In December, 1912, I reported on the electrification of the London and Port Stanley Road, and as that property has since been electrified, and as it is proposed that the line and motive power equipment of the new radials be of similar character, I thought it advisable to make an inspection of the construction and operating features of that road. This I did after leaving the Toronto district.

Fundamental Considerations.

This report considers three fundamental questions: I. Will the proposed lines duplicate any existing steam or electric lines. II. Are the proposed lines adequate, and can