

you will have to eliminate all questionable considerations. I believe that is what the gentleman had in mind when he asked the question. There is a difference of 150 per cent. in the cost per horse power in steam locomotives themselves, even in locomotives of good standard design.

Mr. Duguid,—

The question of cost of electric and steam for locomotives is similar to the electric power company's high charge. If the Hydro Commission will charge \$24.00 per horse power along their line, what would it cost if they had to generate it by steam? They cannot tell you how much it will cost to develop electricity by water.

Mr. Bly,—

They claim that the Toronto Electric Light Co., developing by steam, costs \$40.00 per horse power. If the Niagara Power Companies can generate it for \$10.00 per horse power at their station at the Falls and it costs \$8.00 per horse power for transmission, then its cost delivered in Toronto would be \$18.00 per horse power. I think these are the figures given by the Hydro Electric Commission.

Mr. Duguid,—

I think if any person has watched the discussions regarding Niagara power, they will be about as wise now as when they commenced.

Chairman,—

I think as Mr. Duguid does, that a person who has followed the discussions on Niagara power for the past two or three years, will be about as mystified now as when he started.

Mr. Fletcher,—

I think if it is not asking too personal a question, Mr. Bly perhaps may give us some figures from his experience.

Mr. Bly,—

When you talk about the cost of electricity you must take into consideration the conditions. In my case we have a great deal of heating to do. We use high speed engines and only get about 15 per cent. of the heat in the steam out into current, which is a small amount. Now in the winter we use the other 85 per cent. for heating. When you use it for heating it is hard to get the cost of an electric horse power. I cannot see why an electric horse power should cost so much. Of course they figure on the peak load. \$18.00 to \$25.00, I believe, were some of the rates given by the papers for the cost per horse power by the Hydro Commission. For motors of 5 horse power would be \$25.00 and over that would be \$18.00 to \$25.00 per horsepower. A great deal of money is spent in machinery for the development of electricity and