prevent decay, leaving 1,000,000 cubic feet per minute to run through flumes and do effective work. By the usual formula

$$\frac{\overset{\text{Dams}}{20} \times \overset{\text{cu. ft. per min.}}{1,000,000} \times 62\frac{1}{2} \text{ lbs.} \times \overset{\text{fall.}}{20}}{44,000.}$$ we have 566,360 horse power.

Adding that available on the Mattawan and French Rivers there will probably be, at minimum, not less than 700,000 horse power.

The *average* discharge of the weirs would give not less than *four* times this amount.

All this can be made available, by the comparatively small expenditure necessary for flumes and the foundations of penstocks and turbines. The cost of the installation of electric plant would vary greatly with the situation.

All of which is respectfully submitted by

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