

According to Government investigation, the available water powers of Canada amount to 17,000,000 h.-p., of which 5,600,000 h.-p. are in Quebec Province.

These figures constitute a very conservative estimate and could be materially increased, if the flow of some of the rivers were regulated by arranging suitable storage reservoirs for the water.

The pending construction of a new dam on the St. Maurice River at a cost of \$1,500,000, to regulate the flow of water to various power plants in the Three Rivers District, may be cited as an example of such conservation of water-power.

This dam will be situated 240 miles north of the St. Lawrence River, and will enable the storage of a tremendous volume of water by raising the water level in a number of lakes and flooding some otherwise useless territory. The total area of these lakes and flooded ground is about three hundred square miles.

The flow from the dam will be regulated to suit the demands for water throughout the year, thus providing the power plants with a steady supply and rendering their output largely independent of the time of year, by storing water during the flood seasons, and permitting an outflow during the drier seasons.

The sources of water powers of immediate importance and interest in Quebec Province, are those within easy reach of the Ottawa, Montreal, Three Rivers and Quebec Districts.

