

these different electoral divisions, industry can surely derive the elements essential to its sustenance. Without entering into a nomenclature, which would might be fastidious owing to its length, we shall however note the principal water-powers that have been examined by experts.

**Magog River.**—Let us begin by the Magog river in the county of Sherbrooke. This stream, which takes its rise in the lake of the same name, has several small rapids that are utilized by the city of Sherbrooke for its electric lighting. This has been done by means of a dam. The Magog rapids could produce 1360 horse-power (1).

**L'Assomption River.**—In the county of Joliette, on L'Assomption river, an important falls called the *Mont-à-Peine* must be noted.

This falls is situate in the seigniory of Ramsay, between the parishes of St. Jean de Matha and Ste. Melanie at 7 miles only, in a straight line, from the Canadian Pacific Railway station at St. Félix de Valois ; its height is 65 feet and its nominal capacity 1535 horse-power. This water-power possesses remarkable working facilities.

**Maskinongé River.**—The Maskinongé river ranks among the important streams of the northern watershed of the St. Lawrence. The total superficies of its basin is nearly 400 square miles, of which about 360 are above the said falls and the distance from the mouth to its furthest source is 45 miles in a straight line.

The Maskinongé river properly so called, takes its rise in the lake of the same name, a splendid sheet of 4 to 5 square miles, on the banks of which is built the village of St. Gabriel de Brandon, connected with the C. P. R. by the Lanoraie, Joliette, &c. branch.

This lake might be made an important reservoir to regulate the outflow of the Maskinongé river. Its banks are nearly everywhere high enough except in the neighborhood of the head of the river in question.

Mr. Gauvin, C.E., of the Lands Department, scaled along the course of this river several cascades of some importance : *Lauzon* falls, which can give 900 horse-power. The *Poste* falls of 450 horse-power and the great falls of St. Ursule, a very remarkable water-power, with a height of 220 to 230 feet and a capacity of 4,000 horse-power.

Mr. Theodore Lefebvre, of Montreal acquired all these cascades in 1907.

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(1) Report of Mr. Gauvin, C. E. 1905.