

powers in different parts of the Dominion. There are now 54 pulp and paper plants scattered throughout Canada, and several new plants have been under serious contemplation, some of which would be in use now had it not been for the difficulty of financing due to war conditions. On account of the isolated nature of the industry—away from commercial centres—power requirements for pulp and paper need not conflict with other demands upon hydro-power.

86.—Water Powers of European Countries and of the United States and Canada.

Country.	Area in sq. miles.	Population.	H. P. Available.	H. P. Developed.
U. S. A.....	2,973,890	98,783,300	28,100,000	7,000,000
¹ Canada "A".....	2,000,000	8,033,500	18,803,000	1,735,000
¹ Canada "B" Populated.....	927,800	8,000,000	8,094,000	1,725,000
Austria-Hungary.....	261,260	51,173,800	6,460,000	566,000
France.....	207,500	39,601,500	5,587,000	1,100,000
Germany.....	208,800	64,926,000	1,425,000	618,100
Italy.....	91,400	28,601,600	4,000,000	9763,300
Norway.....	124,130	2,391,780	5,500,000	1,120,000
Spain.....	190,401	19,588,700	5,000,000	440,000
Sweden.....	172,960	5,522,400	4,500,000	7045,500
Switzerland.....	15,976	3,781,500	2,000,000	511,000

Country.	Per cent Utilized.	H. P. Available per square mile.	H. P. Developed per square mile.	H. P. per Capita.	
				Available.	Developed.
U. S. A.....	24.9	9.4	2.35	0.28	0.071
¹ Canada "A".....	9.2	9.4	0.87	2.34	0.216
¹ Canada "B" Populated...	21.3	8.7	1.86	1.01	0.216
Great Britain.....	8.3	10.9	0.91	0.02	0.002
Austria-Hungary.....	8.8	24.8	2.17	0.13	0.011
France.....	11.6	26.8	3.14	0.14	0.016
Germany.....	43.4	6.8	2.96	0.02	0.010
Italy.....	24.4	43.8	10.7	0.14	0.034
Norway.....	20.4	44.3	9.02	2.30	0.468
Spain.....	8.8	26.3	2.31	0.26	0.022
Sweden.....	15.6	26.0	4.08	0.81	0.127
Switzerland.....	25.5	125.2	32.0	0.53	0.135

¹"A" excludes Yukon and Northern Area improbable of immediate development.

"B" included in "A" is the area actually settled.

For the electro-chemical and similar processes, about 8 p.c. of the total has been developed, or 140,000 h.p. While the United States have achieved almost a world supremacy in electro-chemical processes, the industry in Canada is of very recent growth. It has, however, expanded at an enormous rate, entailing recent extensive additional installations in present plants, and it will require in the near future the development of additional water-power sites. Propinquity to the United States and abundance of essential raw material will compel the