

The statistics concerning the central station industry are further analysed in Table 4. The territory served by and the primary power installed in central stations are graphically indicated on the map facing page 390 and the diagram facing page 392 of the 1921 Year Book, to which the reader is referred. The statistics concerning the pulp and paper industry are analysed in Table 5.

During 1922, installations have been made which amount to practically 240,000 h.p., this figure including both new construction and the erection of new turbines and generators in existing water power stations, but excluding 190,000 h.p. installed during 1921 but only brought into operation in 1922. At the present time there are new developments either in course of construction or actively projected, the ultimate capacity of which is approximately 1,000,000 h.p. There is every indication that for a long time to come the development of water power in Canada will make great and continued progress.

3.—Developed Water Power in Canada, Feb. 1, 1923.

Provinces.	Turbine Installation in H.P.				
	In Central Stations. ¹	In Pulp and Paper Mills. ²	In Other Industries. ³	Total. ⁴	Per 1,000 Population. ⁵
British Columbia.....	227,401	48,800	52,776	328,977	627
Alberta.....	32,380	-	687	33,067	56
Saskatchewan.....	-	-	-	-	-
Manitoba.....	117,625	-	16,400	134,025	220
Ontario.....	1,018,853	171,024	109,353	1,299,230	443
Quebec.....	761,430	231,737	80,666	1,073,833	455
New Brunswick.....	21,113	14,668	6,258	42,039	108
Nova Scotia.....	15,346	17,999	13,755	47,100	90
Prince Edward Island.....	288	-	1,951	2,239	25
Yukon.....	10,000	-	3,199	13,199	3,175
Canada.....	2,201,486	484,228	285,045	2,973,759	338

¹ Includes only hydro-electric stations which develop power for sale. ² Includes only water power actually developed by pulp and paper companies. In addition to this total, pulp and paper companies purchase from the hydro power central stations totalled in column 1, 72,122 h.p. in Ontario and 88,455 h.p. in Quebec. The total hydro power utilized in the pulp and paper industry is therefore 644,805 h.p. ³ Includes only water power actually developed in connection with industries other than the central station and the pulp and paper industries. These industries also purchase blocks of power from the central stations totalled in column 1. ⁴ Total of all turbines and water wheels installed in Canada. ⁵ Average of developed water power per 1,000 population.

4.—Developed Water Power in Canada Utilized in the Central Electric Station Industry, Feb. 1, 1923.

Provinces.	Commercial Stations. ¹			Municipal Stations. ²			Total.				
	No.	Installation.		No.	Installation.		No.	Installation.			
		Generator K.V.A.	Turbine H.P.		Generator K.V.A.	Turbine H.P.		Generator K.V.A.	H.P. per turbine unit.	H.P. per station.	Total turbine H.P.
British Columbia	23	141,686	217,356	8	6,353	10,045	31	148,039	3,900	7,335	227,401
Alberta.....	3	22,250	32,380	-	-	-	3	22,250	2,491	10,793	32,380
Saskatchewan...	-	-	-	-	-	-	-	-	-	-	-
Manitoba.....	3	37,350	50,400	2	57,312	67,225	5	94,662	5,881	23,525	117,625
Ontario.....	67	387,159	492,025	37	353,362	526,828	104	704,521	3,742	9,796	1,018,853
Quebec.....	77	582,413	743,855	16	13,202	17,625	93	595,615	3,541	8,188	761,430
New Brunswick...	7	6,585	9,203	3	9,363	11,910	10	15,948	960	2,111	21,113
Nova Scotia.....	8	1,479	1,449	11	11,239	13,897	19	12,718	667	808	15,346
Prince Edward I	7	331	288	-	-	-	7	331	32	41	288
Yukon.....	1	6,000	10,000	-	-	-	1	6,000	5,000	10,000	10,000
Canada.....	196	1,185,253	1,556,956	77	450,831	647,530	273	1,636,684	3,483	8,075	2,201,486

¹Commercial Stations include all privately owned. ²Municipal Stations include all publicly owned.

NOTE.—Statistics in this table are based upon a census of the industry made by the Dominion Bureau of Statistics in co-operation with the Dominion Water Power Branch.