

therefore, indicate that the *at present recorded water-power resources* will permit of a turbine installation of more than 52,000,000 h.p.; also, the turbine installation at Dec. 31, 1948, represents roughly only 21 p.c. of recorded water-power resources.

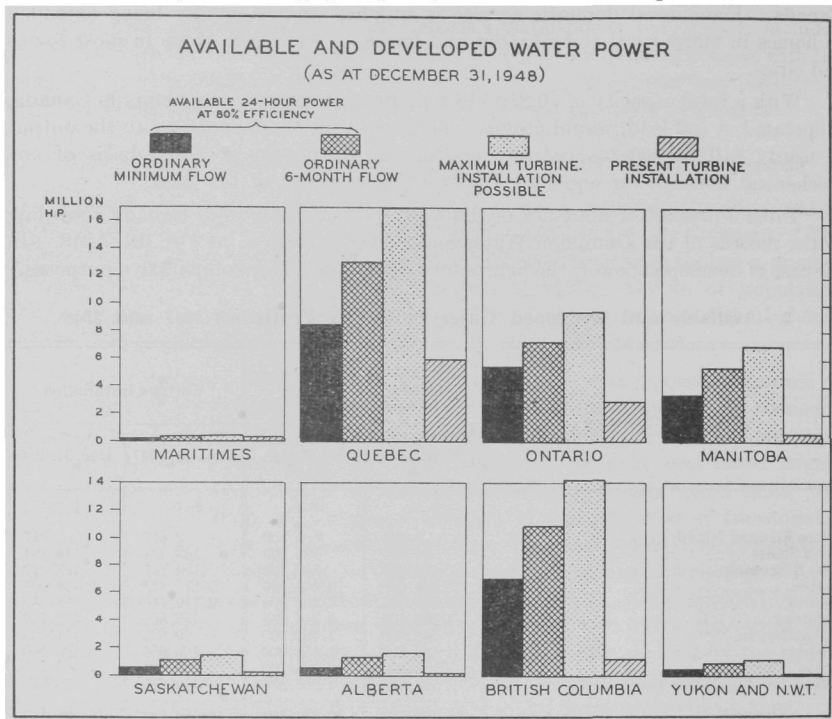


Table 3 shows clearly the consistent growth in capacity since the beginning of the century and the heavy increase in installation during the war years 1942 and 1943. During 1948 the great post-war activity in hydro-electric construction began to show results and more than 350,000 h.p. was added to the total capacity of the country; many other new plants and additions are under construction.

3.—Hydraulic Turbine Horse-Power Installed by Provinces, as at Dec. 31, Decennially 1900-40 and Annually 1941-48

NOTE.—Statistics for intervening years 1900-30 are given on p. 361 of the 1939 Year Book; for 1931-40 at p. 362 of the 1946 edition.

Year	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada ¹
	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.
1900...	1,521	19,810	4,601	82,864	53,876	1,000	—	280	9,366	173,323
1910...	1,760	31,476	11,197	334,763	490,821	38,800	30	655	64,474	977,171
1920...	2,233	37,623	21,976	955,090	1,057,422	85,325	35	33,122	309,534	2,515,559
1930...	2,439	114,224	133,681	2,718,130	2,088,055	311,925	42,035	70,532	630,792	6,125,012
1940...	2,617	139,217	133,347	4,320,943	2,597,595	420,925	90,835	71,997	788,763	8,584,438
1941...	2,617	139,217	133,347	4,556,943	2,617,495	420,925	90,835	71,997	788,763	8,845,038
1942...	2,617	143,717	133,347	4,839,543	2,684,395	420,925	90,835	94,997	792,563	9,225,838
1943...	2,617	133,384	133,347	5,847,322	2,673,443	422,825	90,835	94,997	796,024	10,214,513
1944...	2,617	133,384	133,347	5,848,572	2,673,443	422,825	90,835	94,997	864,024	10,283,763
1945...	2,617	133,384	133,347	5,848,572	2,673,290	422,825	90,835	94,997	864,024	10,283,610
1946...	2,617	133,384	133,347	5,848,572	2,679,740	446,825	90,835	93,060	864,024	10,312,123
1947...	2,617	133,384	133,347	5,878,872	2,749,740	458,825	90,835	106,560	917,024	10,490,923
1948...	2,617	140,884	133,347	5,939,697	2,894,240	503,700	111,835	106,560	1,009,769	10,870,718

¹ Includes Yukon and the Northwest Territories. A plant of 4,700 h.p. came into operation in the Northwest Territories in 1941 and one of 8,350 h.p. in 1948.