



The total turbine installation of 8,289,212 h.p. represents the sum of the manufacturers' ratings of the different units under the heads at which they are installed. It is not correct to subtract this figure from the totals of available power in columns 1 or 2 to determine what power remains undeveloped because it has been proven sound practice to allow a turbine installation averaging 30 p.c. in excess of the power at ordinary six-month flow. On this basis the 'at present' recorded resources will provide for a total turbine installation of 43,700,000 h.p. The present turbine installation, therefore, indicates the development of only slightly less than 19 p.c. of the present recorded water-power resources of Canada.

**1.—Available and Developed Water Power in Canada, by Provinces, as at Dec. 31, 1939.**

Province or Territory.	Available 24-Hour Power at 80 p.c. Efficiency.		Turbine Installation.
	At Ordinary Minimum Flow.	At Ordinary Six-Month Flow.	
	h.p.	h.p.	h.p.
Prince Edward Island.....	3,000	5,300	2,617
Nova Scotia.....	20,800	128,300	131,717
New Brunswick.....	68,600	169,100	133,347
Quebec.....	8,459,000	13,064,000	4,084,763
Ontario.....	5,330,000	6,940,000	2,596,799
Manitoba.....	3,309,000	5,344,500	420,925
Saskatchewan.....	542,000	1,082,000	90,835
Alberta.....	390,000	1,049,500	71,997
British Columbia.....	1,931,000	5,103,500	738,013
Yukon and Northwest Territories.....	294,000	731,000	18,199
<b>Canada.....</b>	<b>20,347,400</b>	<b>33,617,200</b>	<b>8,289,212</b>