

is the largest individual purchaser of central station power, buying as much as 50 p.c. of all power sold for industrial purposes.

The "other industries" group has a hydraulic installation of 350,338 h.p. and provides a broad market for central station power.

A definite estimate of the amount of power being used in the war effort is very difficult to secure but it is probably a conservative statement to say that more than one-third of Canada's hydro-electric output is supplying power for this purpose.

3.—Developed Water Power in Canada, by Provinces and Industries, as at Dec. 31, 1942 and 1943

Province or Territory	Turbine Installation			
	In Central Electric Stations ¹	In Pulp and Paper Mills ²	In Other Industries ³	Total ⁴
	h. p.	h. p.	h. p.	h. p.
1942				
Prince Edward Island.....	579	Nil	2,038	2,617
Nova Scotia.....	109,368	18,858	15,491	143,717
New Brunswick.....	104,710	20,694	7,943	133,347
Quebec.....	4,427,918	273,022	138,603	4,839,543
Ontario.....	2,345,419	231,277	107,699	2,684,395
Manitoba.....	420,925	Nil	Nil	420,925
Saskatchewan.....	87,500	"	3,335	90,835
Alberta.....	92,920	"	2,077	94,997
British Columbia.....	633,086	105,950	53,527	792,563
Yukon and Northwest Territories.....	2,000	Nil	20,899	22,899
Canada.....	8,224,425	649,801	351,612	9,225,838
Percentages of total installation.....	89.2	7.0	3.8	100.0
1943				
Prince Edward Island.....	579	Nil	2,038	2,617
Nova Scotia.....	107,539	11,884	13,961	133,384
New Brunswick.....	104,710	20,694	7,943	133,347
Quebec.....	5,435,537	271,221	140,564	5,847,322
Ontario.....	2,334,722	232,827	105,894	2,673,443
Manitoba.....	420,925	Nil	1,900	422,825
Saskatchewan.....	87,500	"	3,335	90,835
Alberta.....	92,920	"	2,077	94,997
British Columbia.....	635,167	105,950	54,907	796,024
Yukon and Northwest Territories.....	2,000	Nil	17,719	19,719
Canada.....	9,221,599	642,576	350,338	10,214,513
Percentages of total installation.....	90.3	6.3	3.4	100.0

¹ Includes only hydro-electric stations that develop power for sale. ² Includes only water power actually developed by pulp and paper companies. In addition to this turbine installation pulp and paper companies have motor equipment for operation by hydro-electricity purchased from the central electric stations totalled in the first column, aggregating approximately 1,370,000 h.p., making a total of almost 2,020,000 h.p. actually developed for the manufacture of pulp and paper. Large amounts of electricity are also normally purchased for use in electric boilers rated at more than 1,750,000 h.p. Most of this is now diverted to primary war uses. ³ Includes only water power actually developed in connection with industries other than the central electric station and pulp and paper industries. These industries also purchase power from the central electric stations totalled in the first column. ⁴ All water wheels and hydraulic turbines installed in Canada.

The figures of turbine installation, given in Table 3, must not be placed in direct comparison with those of the annual central electric station census nor those of the census of the pulp and paper industry, because of the different bases of compilation. The figures of hydraulic installation represent the cumulative totals of installation for the purposes named, adjusted by deducting the capacity of installa-