

Table 3 shows, under three classifications, the purposes for which the developed water power is primarily utilized.

3.—Developed Water Power, by Province and Industry, as at Dec. 31, 1953.

Province or Territory	Turbine Installation			Total ⁴
	In Central Electric Stations ¹	In Pulp and Paper Mills ²	In Other Industries ³	
	h.p.	h.p.	h.p.	h.p.
Newfoundland.....	126,850	182,300	2,000	311,150
Prince Edward Island.....	387	—	1,513	1,900
Nova Scotia.....	147,295	10,337	4,801	162,433
New Brunswick.....	134,700	23,872	5,558	164,130
Quebec.....	7,313,318	350,344	55,460	7,719,122
Ontario.....	3,701,787	224,057	80,842	4,006,686
Manitoba.....	715,000	—	1,900	716,900
Saskatchewan.....	106,500	—	3,335	109,835
Alberta.....	205,900	—	2,060	207,960
British Columbia.....	12,740	—	19,700	32,440
Yukon and Northwest Territories.....	971,311	137,600	387,607	1,496,518
Canada.....	13,435,788	928,510	564,776	14,929,074
Percentages of total installation.....	90.0	6.2	3.8	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. ³ Includes only water power actually developed by industries other than central electric stations and the pulp and paper industries. ⁴ Includes water wheels and hydraulic turbines installed.

The central electric station classification totalling 13,435,788 h.p. represents 90 p.c. of the total developed water power as at Dec. 31, 1953. In 1900 the corresponding percentage was 33.5, thus showing the tremendous growth in central electric station installations since the inception of successful long-distance transmission of electricity. Central hydro-electric stations produced 94 p.c. of all electricity sold in or exported from Canada during 1953.

The pulp and paper turbine installation total of 928,510 h.p. includes only water power *actually developed* and directly used by pulp and paper companies. In addition, this industry is the greatest purchaser of central electric station power, buying more than 15 p.c. of all power sold for industrial purposes. Part of the purchased power is classed as secondary, being used for steam generation by electric boilers.

The 'other industries' group develops 564,776 h.p. solely for its own use. These diversified industries also provide a broad market for the power sold by the central electric stations.

The figure of total hydraulic installation in Canada, 14,929,074 h.p. is the cumulative total of all existing installations of water wheels and hydraulic turbines irrespective of whether or not the equipment has been in use during the year. It has been adjusted to Dec. 31, 1953, by the inclusion of new installations completed during the year and by deletion of those old units which were dismantled.