

The water allowed to be diverted at Niagara Falls for power purposes was increased by 5,000 cu. ft. per second to the Canadian side in November 1940, owing to a diversion of water from Long Lake and the Ogoki River from the James Bay watershed to the Great Lakes watershed. In 1941 a further increase of 9,000 c.f.s. to the Canadian plants and 12,500 c.f.s. to the United States plants was permitted, and in 1943 an additional 4,000 c.f.s. to Canadian plants, bringing the totals up to 54,000 c.f.s. for Canada and 32,500 c.f.s. for the United States. This increased water, with greater development of plants on the St. Lawrence River, made possible the increased export of both firm and secondary power to the United States (5,000 c.f.s. will produce about 150,000 h.p. at the Queenston, Ont., plant). During 1948 and 1949 increased demands from domestic consumers and low water reduced the surplus energy available for export but exports increased again in 1950 and 1951.

10.—Electric Energy Exported from Canada, by Companies, and Imported from the United States, 1948-51

Company	1948	1949	1950	1951
	'000 kwh.	'000 kwh.	'000 kwh.	'000 kwh.
Exports to United States—				
Hydro-Electric Power Commission of Ontario.....	380,704	301,037	361,458	392,036
Hydro-Electric Power Commission of Ontario (surplus).....	231,290	335,141	347,246	717,387
Canadian Niagara Power Company.....	325,000	267,802	264,955	303,660
Canadian Niagara Power Company (surplus).....	73,191	39,560	35,171	37,966
Ontario and Minnesota Power Company.....	30,225	22,069	36,867	39,340
Maine and New Brunswick Electric Power Company.....	24,530	34,126	36,830	39,129
Maine and New Brunswick Electric Power Company (surplus).....	1,841	3,491	4,086	2,113
British Columbia Electric Railway Company.....	14,208	93,898	191,878	188,186
Southern Canada Power Company.....	2,247	2,109	2,308	2,976
Quebec Hydro-Electric Commission.....	650,291	648,904	639,464	644,017
Canadian Cottons, Limited, Milltown, N.B.....	60	—	—	—
Fraser Companies, Limited.....	9,121	8,251	5,212	8,319
Northport Power and Light Company.....	38	47	52	43
Northern B.C. Power Company.....	36	36	22	19
Detroit and Windsor Subway Company.....	327	320	317	325
Manitoba Power Commission.....	—	—	1	6
Totals, Exports.....	1,743,109	1,756,791	1,925,867	2,375,522
Imports from United States¹.....	84,994	26,099	1,434	7,776

¹ Mainly by British Columbia Electric Railway Company.

Subsection 2.—Ownership and Regulation of Central Electric Stations*

Water power is developed in Canada by provincial commissions, by municipalities and by private companies—hydro-electric plants. The first such provincial commission was formed in Ontario in 1906 to act as trustee for a group of municipalities to develop and distribute electricity. The Hydro-Electric Power Commission of Ontario now generates and purchases power, transmits it to rural and urban municipalities and serves large power customers. Similar commissions have been formed in most of the other provinces.

* The information included under the provincial headings of this Subsection has been revised by the various provincial commissions or authorities concerned.