

to the Aluminum Company of America at Massena, N.Y., and through Beauharnois Light, Heat and Power Company power is sold to the Hydro-Electric Power Commission of Ontario. Sales involved are in the neighbourhood of rates of 100,000 h.p. to Massena, N.Y., and 250,000 h.p. to Ontario.

16.—Growth of the Quebec Power Systems, 1940-49

Norz.—Figures for the years 1935-39 will be found at p. 572 of the 1950 Year Book.

Year	Municipalities Served	Customers Served	Power Distributed	
			Total	Primary
	No.	No.	h p.	h p.
1940.....	61	281,027	806,000	699,000
1941.....	61	285,648	892,000	784,000
1942.....	61	289,038	1,032,000	827,000
1943.....	61	293,005	1,044,000	942,000
1944.....	61	298,767	1,060,000	897,000
1945.....	61	305,049	1,045,000	883,000
1946.....	61	309,022	1,085,000	947,000
1947.....	61	318,984	1,127,000	980,000
1948.....	61	330,799	1,202,000	1,034,000
1949.....	61	349,347	1,233,000	1,119,000

17.—Distribution of Primary Power to Systems, 1944-49

(Coincident with Montreal System peak)

System	1944	1945	1946	1947	1948	1949
	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.
Montreal System.....	466,000	512,000	538,000	567,000	620,000	669,000
Beauharnois Local System.....	77,000	27,000	34,000	35,000	36,000	70,000
Beauharnois 25-cycle System (H.E.P.C. of Ontario).....	250,000	250,000	250,000	250,000	250,000	250,000
Massena System.....	104,000	94,000	125,000	128,000	128,000	130,000
Totals.....	897,000	883,000	947,000	980,000	1,034,000	1,119,000

In addition to the ownership and operation of these generating and distribution systems, the Quebec Hydro-Electric Commission administers the 64,000 h.p. Upper Ottawa River plant at Rapid VII and also the Dozois Reservoir. Average primary power statistics for this Northern Quebec System (Cadillac-Noranda district) are as follows: 1944, 16,820 h.p.; 1945, 14,720 h.p.; 1946, 15,750 h.p.; 1947, 18,140 h.p.; 1948, 21,270 h.p.; and 1949, 34,790 h.p.

Ontario.—*The Hydro-Electric Power Commission of Ontario.*—An account of the inception and operations of the Commission is given at pp. 377-378 of the 1940 Year Book.

Since 1945 the Commission has been engaged in implementing the power development program for which plans were started before the termination of the Second World War. In addition the Commission is at present engaged upon an extensive program of frequency standardization in the southern areas of the Province.