

The following tables give statistics of resources generated and purchased, development program, distribution and service of the Commission.

19.—Resources of The Hydro-Electric Power Commission of Ontario Generated and Purchased (All Systems), December 1952 and 1953

Year and System	Commission's Generating Stations				Power Purchased	
	Hydro-electric ¹		Fuel-electric ¹		kw.	h.p.
	kw.	h.p.	kw.	h.p.		
December 1952—						
Southern Ontario System.....	1,659,150	2,224,062	444,000	595,174	687,100	921,045
Northern Ontario Properties—						
Northeastern Division.....	301,600	404,290	300	402	—	—
Northwestern Division.....	259,800	348,257	—	—	1,400	1,877
Totals, Resources.....	2,220,550	2,976,609	444,300	595,576	688,500	922,922
December 1953—						
Southern Ontario System.....	1,671,150	2,240,147	652,000	873,995	681,100	913,003
Northern Ontario Properties—						
Northeastern Division.....	297,700	399,062	500	670	—	—
Northwestern Division.....	261,100	350,000	—	—	1,800	2,413
Totals, Resources.....	2,229,950	2,989,209	652,500	874,665	682,900	915,416

¹ Dependable peak capacity—the amount of power subject to periodic change as equipment and water conditions vary, which the source is expected to be able to supply at the time of the system's peak demand. For the Commission-owned or Commission-operated generating stations, it is presumed that all units are available and that the supply of water is normal. Contractual stipulations govern the capacities of sources of purchased power.

20.—Summary of Development Program of The Hydro-Electric Power Commission of Ontario (1945-58), as at Dec. 31, 1953

System and Development	In Service	Dependable Peak Capacity
		kw.
Southern Ontario System—		
DeCew Falls (extension)—Niagara Region...	September 1947.....	57,000
Stewartville—Madawaska River.....	September 1948.....	63,000
Additional power purchase contract—Polymer Corporation.....	November 1948.....	22,000
Emergency fuel-electric units.....	January 1949-April 1950.....	47,000
Des Joachims—Ottawa River.....	July 1950-February 1951.....	380,000
Chenau—Ottawa River.....	November 1950-September 1951.....	120,000
Richard L. Hearn—Toronto.....	October 1951-June 1953.....	388,000 ¹
J. Clark Keith—Windsor.....	November 1951-October 1953.....	264,000 ²
Otto Holden—Ottawa River.....	January 1952-April 1953.....	210,000
Sir Adam Beck-Niagara G.S. No. 2—Niagara River (12 units).....	1954-56.....	900,000 ³
Pumped-storage scheme.....	1957.....	170,000 ²
Northern Ontario Properties—		
Northeastern Division—		
George W. Rayner—Mississagi River.....	July 1950.....	47,000
Northwestern Division—		
Ear Falls (extension)—English River.....	June 1948.....	6,000
Aguasabon—Aguasabon River.....	October 1948.....	44,000
Pine Portage—Nipigon River.....	(July 1950—58,700) 1954 —59,600	118,300
Manitou Falls—English River.....	1956.....	42,100

¹ Installed capacity. When all four units are operating at 60 cycles, installed capacity will be 400,000 kw. ² Installed capacity. ³ Installed capacity—four more main generating units to be added as required; ultimate capacity, 1,200,000 kw.