

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

**19.—Resources Generated and Purchased (All Systems), as at December 1951 and 1952**

Year and System	Commission's "Generating" Stations				Power Purchased	
	Hydro-electric <sup>1</sup>		Fuel-electric <sup>1</sup>		kw.	h.p.
	kw.	h.p.	kw.	h.p.		
<b>December 1951—</b>						
Southern Ontario System .....	1,484,150	1,989,477	202,000	270,778	703,100	942,493
Northern Ontario Properties—						
Northeastern Division .....	294,600	394,906	300	402	—	—
Northwestern Division .....	256,500	343,834	—	—	1,100	1,475
<b>Totals, Resources .....</b>	<b>2,035,250</b>	<b>2,728,217</b>	<b>202,300</b>	<b>271,180</b>	<b>704,200</b>	<b>943,968</b>
<b>December 1952—</b>						
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
<b>Totals, Resources .....</b>	<b>2,220,550</b>	<b>2,976,609</b>	<b>444,300</b>	<b>595,576</b>	<b>688,500</b>	<b>922,922</b>

<sup>1</sup> 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 to 1955), as at Dec. 31, 1952**

System and Development	In Service—	Dependable Peak Capacity
		kw.
<b>Southern Ontario System—</b>		
DeCew Falls (extension)—Niagara Region.	September 1947 .....	57,000
Stewartville—Madawaska River .....	September 1948 .....	63,000
Additional power purchase contract—Polymer Corporation .....	November 1948 .....	22,500
Emergency fuel-electric units .....	January 1949—April 1950 .....	53,000
Des Joachim's—Ottawa River .....	July 1950—February 1951 .....	380,000
Chenau—Ottawa River .....	November 1950—September 1951 .....	120,000
Richard L. Hearn—Toronto .....	October 1951—December 1952 .....	376,000 <sup>1</sup>
J. Clark Koith—Windsor .....	June 1953 .....	
	November 1951—December 1952 .....	264,000 <sup>2</sup>
	January 1952—November 1953 .....	
Otto Holden—Ottawa River .....	January 1952—December 1952 .....	204,000
	April 1953 .....	
Sir Adam Beck—Niagara G. S. No. 2—Niagara River .....	1954-1956 .....	900,000 <sup>2</sup>
<b>Northern Ontario Properties—</b>		
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 .....	40,000
Pine Portage—Nipigon River .....	July 1950 .....	(61,400)
	1954-1955 .....	(64,600)
		126,000

<sup>1</sup> Installed capacity of generating station when all four units are operating at 60 cycles is 400,000 kw.  
<sup>2</sup> Installed capacity.