

villages, and in certain populous township areas is supplied by the associated electrical utilities, owned and operated by local commissions and functioning under the general supervision of The Hydro-Electric Power Commission of Ontario as provided for in the Power Commission Act and the Public Utilities Act.

The Commission's power development program as at Dec. 31, 1961 is given in Table 16 and is also outlined at pp. 555-556.

**16.—Current Power Development Program of The Hydro-Electric Power Commission of Ontario, as at Dec. 31, 1961**

System and Development	Units	In Service	Capacity <sup>1</sup>
	No.		
<b>Southern Ontario System—</b>			
Nuclear Power Demonstration—near Des Joachims Generating Station . . . . .	1	1962	20,000*
Lakeview—near Toronto . . . . .	6	1961-66	1,800,000*
Douglas Point Nuclear Power—near Kincardine . . . . .	1	1965	200,000*
<b>Northern Ontario Properties—</b>			
Northeastern Division—			
Otter Rapids—Abitibi River . . . . .	4	1961-63	172,000
Little Long—Mattagami River . . . . .	2	1963	114,000
Harmon—Mattagami River . . . . .	2	1965	116,000
Kipling—Mattagami River . . . . .	2	1966	132,000
Northwestern Division—			
Thunder Bay—Fort William . . . . .	1	1962	100,000*

<sup>1</sup> Capacities quoted are dependable at time of system peak except those marked with an asterisk (\*), which are installed capacities.

**17.—Resources of The Hydro-Electric Power Commission of Ontario Generated and Purchased (All Systems), December 1959-61**

Year and System	Commission's Generating Stations				Power Purchased	
	Hydro-electric <sup>1</sup>		Thermal-electric <sup>1</sup>		kw.	hp.
	kw.	hp.	kw.	hp.		
<b>December 1959—</b>						
Southern Ontario System . . . . .	3,979,700	5,334,718	616,000	825,737	618,000	828,418
Northern Ontario Properties—						
Northeastern Division . . . . .	342,400	458,981	1,800	2,413	1,200	1,609
Northwestern Division . . . . .	593,900	796,112	—	—	1,700	2,279
<b>Totals . . . . .</b>	<b>4,916,000</b>	<b>6,589,811</b>	<b>617,800</b>	<b>828,150</b>	<b>620,900</b>	<b>832,306</b>
<b>December 1960—</b>						
Southern Ontario System . . . . .	3,948,750	5,293,230	994,000	1,332,440	616,000	825,737
Northern Ontario Properties—						
Northeastern Division . . . . .	368,400	493,834	1,900	2,547	1,200	1,609
Northwestern Division . . . . .	593,900	796,113	—	—	2,000	2,681
<b>Totals . . . . .</b>	<b>4,911,050</b>	<b>6,583,177</b>	<b>995,900</b>	<b>1,334,987</b>	<b>619,200</b>	<b>830,027</b>
<b>December 1961—</b>						
Southern Ontario System . . . . .	3,728,750	4,998,324	1,372,000	1,839,142	616,000	825,737
Northern Ontario Properties—						
Northeastern Division . . . . .	417,400	559,517	1,600	2,145	1,500	2,011
Northwestern Division . . . . .	593,500	795,576	—	—	3,000	4,021
<b>Totals . . . . .</b>	<b>4,739,650</b>	<b>6,353,417</b>	<b>1,373,600</b>	<b>1,841,287</b>	<b>620,500</b>	<b>831,769</b>

<sup>1</sup> Dependable peak capacity—the amount of power which resources can be expected to supply at the time of the system primary peak requirements, assuming that all units are available and that the supply of water is normal. This capacity will vary from time to time in accordance with changing conditions. The capacity of a source of purchased power is based on the terms of the purchase contract.