with Atomic Energy of Canada Limited. The Commission and the Canadian General Electric Company Limited, through representatives of their technical personnel, are actively participating in this project and are also contributing financially to the undertaking. The nuclear power plant will be located close to the Des Joachims Generating Station on the Ottawa River and its output will be fed into the Southern Ontario System. This joint enterprise, as well as being a productive undertaking, will provide a significant demonstration of the application of nuclear science for constructive and peaceful purposes.

The balance sheets of The Ontario Hydro-Electric Commission show that fixed assets at cost at Dec. 31, 1954 amounted to \$1,468,558,729 including rural assets of \$182,467,127. The accumulated reserve for depreciation of fixed assets was \$154,975,237. Total assets of the Commission, allowing for the deduction of accumulated depreciation, amounted to \$1,653,063,771.

In 1954 a total of 338 municipal electrical utilities purchased power from the Commission under cost or fixed-rate contracts for retail distribution to their customers. These utilities had fixed assets at cost amounting to \$243,525,699 against which there was an accumulated reserve for depreciation of \$58,973,785. Municipal assets after deduction of this depreciation reserve amounted to \$382,710,021, of which \$152,461,822 represented the equity acquired in the Commission's systems by those utilities operating under cost-contracts.

19.—Resources of The Hydro-Electric Power Commission of Ontario Generated and Purchased (All Systems), December 1953 and 1954

Year and System	Commission's Generating Stations				Power Purchased	
	Hydro-electric <sup>1</sup>		Fuel-electric <sup>1</sup>		rower rurchased	
	kw.	h.p.	kw.	h.p.	kw.	h.p.
Becember 1953 — Southern Ontario System Northern Ontario Properties—	1,671,150	2,240,147	652,000	873,995	681,100	913,003
Northeastern Division	297,700 261,100	399,062 350,000	500	670	1,800	 2,413
Totals, Resources	2, 229, 950	2,989,209	652, 500	874, 665	682,900	915, 416
December 1954 Southern Ontario System Northern Ontario Properties—	2,413,150	3,234,785	450,000	603,217	681,100	913,003
Northeastern Division	297,700 290,500	399,062 389,410		670	2,100	2,815
Totals, Resources	3,001,350	4,023,257	450,500	603, 887	683, 200	915, 818

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 the Power Development Program of The Hydro-Electric Power Commission of Ontario as at Dec. 31, 1954

System and Development	In Service	Dependable Peak Capacity
Robert H. Saunders-St. Lawrence—St. Lawrence River (16 units)	Sept. 1948. Nov. 1948. Jan. 1949-Apr. 1950. July 1950-Feb. 1951. Nov. 1950-Sept. 1951. Oct. 1951-June 1953. Jan. 1952-Apr. 1953. Jan. 1952-Apr. 1954. 1955. 1955.	22,000 20,000 380,000 120,000 400,000 <sup>1</sup> 264,000 <sup>1</sup> 210,000 525,000 <sup>1</sup> 375,000 <sup>2</sup>
For footnotes, see end of table, p. 576.		