

13.—Current Power Development Program of The Hydro-Electric Power Commission of Ontario, as at Dec. 31, 1965

System and Development	Units	In Service	Installed Capacity
	No.		
Lakeview—near Toronto.....	8	1961-68	2,400,000
Douglas Point Nuclear Power—near Kincardine.....	1	1966	200,000
Kipling—Mattagami River.....	2	1966	125,400
Mountain Chute—Madawaska River.....	2	1967	139,500
Lambton—14 miles south of Sarnia.....	4	1968-71	2,000,000
Pickering (nuclear)—20 miles east of Toronto.....	2	1970-71	1,080,000
Barrett Chute (extension)—Madawaska River.....	2	1968	120,000 ¹
Stewartville (extension)—Madawaska River.....	2	1969	100,000 ¹
Combustion turbine units—various sites.....	25	1965-67	290,700

¹ Tentative capacity.

14.—Resources of The Hydro-Electric Power Commission of Ontario Generated and Purchased (All Systems), December 1963-65

Year and System	Hydro-Electric Stations ¹	Thermal-Electric Stations ¹	Power Purchased
	kw.	kw.	kw.
December 1963—			
East System.....	4,437,250	2,015,000	617,500
West System.....	593,500	93,000	—
Totals.....	5,030,750	2,108,000	617,500
December 1964—			
East System.....	4,445,250	2,027,000	617,000
West System.....	593,500	93,000	—
Totals.....	5,038,750	2,120,000	617,000
December 1965—			
East System.....	4,391,350	2,600,000	521,300
West System.....	593,500	93,000	—
Totals.....	4,984,850	2,693,000	521,300

¹ 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.

15.—Distribution of Power to Systems of The Hydro-Electric Power Commission of Ontario, Years Ended Dec. 31, 1960-65

NOTE.—Peak load generated and purchased, primary and secondary, in terms of generation.

System	1960	1961	1962	1963	1964	1965
	kw.	kw.	kw.	kw.	kw.	kw.
East System.....	5,583,206	5,915,484	6,362,585	6,884,726	7,107,600	7,765,107
West System.....	574,328	548,448	606,200	615,570	581,100	583,300
Totals.....	6,157,534	6,463,932	6,968,785	7,500,296	7,688,700	8,348,407