

14.—Current Power Development Program of The Hydro-Electric Power Commission of Ontario, as at Dec. 31, 1966

Development	Units	In Service	Installed Capacity
	No.		
Lakeview—near Toronto.....	8	1961-68	2,400,000
Douglas Point Nuclear Power—near Kincardine.....	1	1967	200,000
Mountain Chute—Madawaska River.....	2	1967	139,500
Lambton—14 miles south of Sarnia.....	4	1968-70	2,000,000
Pickering—20 miles east of Toronto— Nuclear.....	2	1970-71	1,080,000
Diesel.....	3	1970-71	15,000
Barrett Chute (extension)—Madawaska River.....	2	1968	111,600
Aubrey Falls—Mississagi River.....	2	1969	130,000 ¹
Stewartville (extension)—Madawaska River.....	2	1969	91,800
Nanticoke—near Port Dover.....	2	1971-72	2,000,000
	2	Not established	
Combustion turbine units—various sites.....	19	1967	184,780

¹ Tentative capacity.

15.—Resources of The Hydro-Electric Power Commission of Ontario Generated and Purchased (All Systems), December 1964-66

Year and System	Hydro-Electric Stations ¹	Thermal-Electric Stations ¹	Power Purchased
	kw.	kw.	kw.
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
December 1966— East System.....	4,526,350	2,737,000	521,500
West System.....	585,800	93,000	—
Totals.....	5,112,150	2,830,000	521,500

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.

16.—Distribution of Power to Systems of The Hydro-Electric Power Commission of Ontario, Years Ended Dec. 31, 1962-66

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

System	1962	1963	1964	1965	1966
	kw.	kw.	kw.	kw.	kw.
East System.....	6,362,585	6,684,726	7,107,690	7,765,107	8,259,355
West System.....	606,300	615,570	581,100	583,300	580,100
Totals.....	6,968,885	7,300,296	7,688,790	8,348,407	8,839,455