

13.10 Installed generating capacity, as at Dec. 31, 1973 and 1974 (megawatts)

Year and province or territory	Steam		Internal combustion	Gas turbine	Total thermal	Hydro	Total
	Conventional	Nuclear					
1973 ^f							
Newfoundland (incl. Labrador)	354	—	61	28	443	4,300	4,743
Prince Edward Island	71	—	7	41	119	—	119
Nova Scotia	1,012	—	6	25	1,043	160	1,203
New Brunswick	621	—	8	23	652	680	1,332
Quebec	676	266	62	36	1,040	13,799	14,839
Ontario	7,892	2,400	35	473	10,800	7,008	17,808
Manitoba	447	—	20	28	495	2,169	2,664
Saskatchewan	1,086	—	33	89	1,208	567	1,775
Alberta	2,446	—	42	198	2,686	718	3,404
British Columbia	1,149	—	138	224	1,511	4,803	6,314
Yukon Territory	—	—	36	—	36	26	62
Northwest Territories	1	—	75	1	77	36	113
Canada, 1973	15,755	2,666	523	1,166	20,110	34,266	54,376
Net additions, 1973	1,955	540	15	171	2,681	1,766	4,447
Percentage increase, 1972-73	14.2	25.4	3.0	17.2	15.4	5.4	8.9
1974 ^P							
Newfoundland (incl. Labrador)	354	—	61	28	443	5,966	6,409
Prince Edward Island	71	—	7	41	119	—	119
Nova Scotia	1,012	—	6	25	1,043	160	1,203
New Brunswick	621	—	8	23	652	680	1,332
Quebec	676	266	62	—	1,004	13,799	14,803
Ontario	8,392	2,400	35	473	11,300	7,008	18,308
Manitoba	447	—	20	28	495	2,475	2,970
Saskatchewan	1,086	—	33	89	1,208	567	1,775
Alberta	2,446	—	42	198	2,686	718	3,404
British Columbia	1,149	—	146	264	1,559	5,078	6,637
Yukon Territory	—	—	38	—	38	26	64
Northwest Territories	1	—	87	2	90	35	125
Canada, 1974	16,255	2,666	545	1,171	20,637	36,512	57,149
Net additions, 1974	500	—	22	5	527	2,246	2,773
Percentage increase, 1973-74	3.2	—	4.2	0.4	2.6	6.6	5.1

13.11 Capability and firm power peak-load requirements, actual 1963 and 1970-73, and forecast 1974-78 (megawatts)

Item	Actual					Forecast				
	1963	1970	1971	1972	1973	1974	1975	1976	1977	1978
NET GENERATING CAPABILITY										
Hydro-electric	19,241	27,392	29,593	31,455	34,807	37,200	37,586	39,613	40,946	42,027
Steam, conventional	5,194	12,494	12,568	12,725	15,161	15,841	17,371	21,054	22,724	23,340
nuclear	—	194	1,320	1,753	2,284	2,539	2,539	3,268	3,997	4,726
Internal combustion	236	328	350	376	375	417	417	422	439	436
Gas turbine	382	914	985	1,098	1,180	1,298	1,540	1,835	2,015	2,040
Total, net generating capability	25,053	41,322	44,816	47,407	53,807	57,295	59,453	66,192	70,121	72,569
Receipts of firm power from United States										
Deliveries of firm power to United States	2	93	3	5	1	1	1	1	1	1
Total, net capability	24,933	41,245	44,366	46,985	53,392	56,905	59,290	65,684	69,612	72,060
PEAK LOADS										
Firm power peak loads within Canada										
Indicated shortages	20,755	34,447	35,720	38,823	42,699	46,540	49,391	52,932	56,758	60,625
Total, indicated peak loads within Canada	20,783	34,592	35,720	38,921	42,699	46,540	49,391	52,932	56,758	60,625
Indicated reserve	4,150	6,653	8,646	8,064	10,693	10,365	9,899	12,752	12,854	11,435