

13.11 Installed generating capacity, as at Dec. 31, 1972 and 1973 (megawatts)

Year and province or territory	Steam		Internal combustion	Gas turbine	Total thermal	Hydro	Total
	Conventional	Nuclear					
1972							
Newfoundland (incl. Labrador)	347	—	55	28	430	2,875	3,305
Prince Edward Island	71	—	7	15	93	—	93
Nova Scotia	863	—	7	25	895	160	1,055
New Brunswick	619	—	8	23	650	680	1,330
Quebec	676	266	56	36	1,034	13,764	14,798
Ontario	6,897	1,860	35	357	9,149	7,008	16,157
Manitoba	423	—	23	28	474	1,863	2,337
Saskatchewan	936	—	33	89	1,058	567	1,625
Alberta	1,831	—	41	198	2,070	718	2,788
British Columbia	1,136	—	146	195	1,477	4,803	6,280
Yukon Territory	—	—	34	—	34	26	60
Northwest Territories	1	—	64	2	67	35	102
Canada, 1972	13,800	2,126	509	996	17,431	32,499	49,930
Net additions, 1972	784	556	4	10	1,354	1,898	3,252
Percentage increase, 1971-72	6.0	35.4	0.8	1.0	8.4	6.2	7.0
1973							
Newfoundland (incl. Labrador)	347	—	56	28	431	4,300	4,731
Prince Edward Island	71	—	7	40	118	—	118
Nova Scotia	1,013	—	7	25	1,045	160	1,205
New Brunswick	619	—	8	23	650	680	1,330
Quebec	676	266	62	36	1,040	13,800	14,840
Ontario	7,897	2,400	35	364	10,696	7,008	17,704
Manitoba	423	—	23	28	474	2,169	2,643
Saskatchewan	1,086	—	33	89	1,208	567	1,775
Alberta	2,446	—	43	198	2,687	718	3,405
British Columbia	1,136	—	142	265	1,543	4,803	6,346
Yukon Territory	—	—	36	—	36	26	62
Northwest Territories	1	—	74	2	77	35	112
Canada, 1973	15,715	2,666	526	1,098	20,005	34,266	54,271
Net additions, 1973	1,915	540	17	102	2,574	1,749	4,323
Percentage increase, 1972-73	13.9	25.4	3.3	10.2	14.8	5.4	8.7

13.12 Capability and firm power peak-load requirements, actual 1961 and 1969-72, and forecast 1973-77 (megawatts)

Item	Actual					Forecast				
	1961	1969	1970	1971	1972	1973	1974	1975	1976	1977
NET GENERATING CAPABILITY										
Hydro-electric	18,389	26,134	27,392	29,593	31,455	32,876	34,431	35,729	38,675	39,686
Steam, conventional	3,773	10,019	12,494	12,568	12,725	15,100	15,855	17,446	21,141	22,698
nuclear	—	208	194	1,320	1,753	2,536	2,536	2,536	3,281	4,026
Internal combustion	240	321	328	350	376	385	378	388	387	401
Gas turbine	351	870	914	985	1,098	1,195	1,307	1,489	1,603	1,603
Total, net generating capability	22,753	37,552	41,322	44,816	47,407	52,092	54,507	57,588	65,087	68,414
Receipts of firm power from United States	2	3	93	3	5	5	5	5	5	5
Deliveries of firm power to United States	146	111	170	453	427	397	390	162	507	507
Total, net capability	22,609	37,444	41,245	44,366	46,985	51,700	54,122	57,431	64,585	67,912
PEAK LOADS										
Firm power peak loads within Canada	18,353	32,022	34,447	35,720	38,823	42,367	45,080	47,999	50,987	54,198
Indicated shortages	—	70	145	—	98	—	—	—	—	—
Total, indicated peak loads within Canada	18,353	32,092	34,592	35,720	38,921	42,367	45,080	47,999	50,987	54,198
Indicated reserve	4,256	5,352	6,653	8,646	8,064	9,333	9,042	9,432	13,598	13,714