

**13.10 Installed generating capacity, as at Dec. 31, 1974 and 1975 (megawatts)**

Year and province or territory	Steam		Internal combustion	Gas turbine	Total thermal	Hydro	Total
	Conventional	Nuclear					
<b>1974</b>							
Newfoundland (incl. Labrador)	355	—	66	36	456	6 206	6 662
Prince Edward Island	70	—	7	41	118	—	118
Nova Scotia	1 012	—	6	25	1 043	160	1 203
New Brunswick	621	—	9	23	653	680	1 333
Quebec	675	266	74	—	1 014	13 800	14 814
Ontario	8 417	2 400	26	509	11 353	7 008	18 361
Manitoba	447	—	23	28	498	2 475	2 973
Saskatchewan	1 085	—	33	89	1 207	567	1 774
Alberta	2 491	—	37	189	2 718	718	3 436
British Columbia	1 122	—	135	264	1 522	5 103	6 625
Yukon Territory	—	—	40	—	40	26	66
Northwest Territories	1	—	76	2	79	35	114
Canada, 1974	16 296	2 666	534	1 206	20 701	36 779	57 480
Net additions, 1974	590	—	10	40	640	2 513	3 153
Percentage increase, 1973-74	3.8	—	1.9	3.4	3.2	7.3	5.8
<b>1975P</b>							
Newfoundland (incl. Labrador)	355	—	66	36	456	6 206	6 662
Prince Edward Island	70	—	7	41	118	—	118
Nova Scotia	1 012	—	6	55	1 073	160	1 233
New Brunswick	621	—	9	23	653	680	1 333
Quebec	675	266	74	—	1 014	13 831	14 845
Ontario	8 917	2 400	26	509	11 853	7 008	18 861
Manitoba	447	—	23	28	498	2 475	2 973
Saskatchewan	1 085	—	33	159	1 277	567	1 844
Alberta	2 641	—	37	195	2 874	718	3 592
British Columbia	1 274	—	135	293	1 703	5 353	7 056
Yukon Territory	—	—	40	—	40	56	96
Northwest Territories	1	—	86	2	89	35	124
Canada, 1975	17 098	2 666	544	1 340	21 648	37 090	58 738
Net additions, 1975	802	—	10	134	947	311	1 258
Percentage increase, 1974-75	4.9	—	1.9	11.1	4.6	0.8	2.2

**13.11 Capability and firm power peak-load requirements, actual 1965 and 1972-75, and forecast 1976-80 (megawatts)**

Item	Actual					Forecast				
	1965	1972	1973	1974	1975	1976	1977	1978	1979	1980
<b>NET GENERATING CAPABILITY</b>										
Hydro-electric	20 779	31 455	34 807	36 624	37 318	39 427	40 683	42 095	42 855	45 748
Steam, conventional	6 354	12 725	15 161	13 694	16 484	19 782	22 167	23 243	24 030	24 382
nuclear	—	1 753	2 284	1 775	2 284	2 284	3 776	4 522	5 905	6 535
Internal combustion	243	376	375	393	410	403	425	447	441	436
Gas turbine	460	1 098	1 180	1 156	1 437	1 988	2 040	2 146	2 580	2 650
Total, net generating capability	27 836	47 407	53 807	53 642	57 933	63 884	69 091	72 453	75 811	79 751
Receipts of firm power from United States	—	5	1	2	1	52	2	2	2	2
Deliveries of firm power to United States	89	427	416	394	228	623	634	538	541	545
Total, net capability	27 747	46 985	53 392	53 250	57 706	63 313	68 459	71 917	75 272	79 208
<b>PEAK LOADS</b>										
Firm power peak loads within Canada	24 167	38 823	42 699	42 528	45 995	49 708	53 564	57 553	61 579	66 025
Indicated shortages	—	98	—	—	192	—	—	—	—	—
Total, indicated peak loads within Canada	24 167	38 921	42 699	42 528	46 187	49 708	53 564	57 553	61 579	66 025
Indicated reserve	3 580	8 064	10 693	10 722	11 519	13 605	14 895	14 364	13 693	13 183