

**13.14 Capability and firm power peak-load requirements, actual 1961 and 1968-71, and forecast 1972-76**  
 (thousand kilowatts)

Item	Actual					Forecast				
	1961	1968	1969	1970	1971	1972	1973	1974	1975	1976
<b>NET GENERATING CAPABILITY</b>										
Hydro-electric	18,389	24,161	26,134	27,392	29,593	30,878	32,563	34,010	35,213	38,371
Steam, conventional	3,773	8,877	10,019	12,494	12,568	13,512	14,987	16,025	17,306	20,170
nuclear	—	200	208	194	1,320	1,230	2,480	2,480	2,480	3,209
Internal combustion	240	310	321	328	350	370	364	369	378	384
Gas turbine	351	875	870	914	985	1,107	1,224	1,368	1,552	1,566
Total, net generating capability	22,753	34,423	37,552	41,322	44,816	47,097	51,618	54,252	56,929	63,700
Receipts of firm power from United States	2	110	3	93	3	3	3	3	3	3
Deliveries of firm power to United States	146	105	111	170	453	391	383	353	159	513
Total, net capability	22,609	34,428	37,444	41,245	44,366	46,709	51,238	53,902	56,773	63,190
<b>PEAK LOADS</b>										
Firm power peak loads within Canada	18,353	30,151	32,022	34,447	35,720	39,785	42,351	44,926	47,788	50,763
Indicated shortages	—	149	70	145	—	—	—	—	—	—
Total, indicated peak loads within Canada	18,353	30,300	32,092	34,592	35,720	39,785	42,351	44,926	47,788	50,763
Indicated reserve	4,256	4,128	5,352	6,653	8,646	6,924	8,887	8,976	8,985	12,427

**13.15 Electrical energy generated, by type of station, 1961 and 1968-71, and by province 1970 and 1971**  
 (thousand kilowatt hours)

Year and province or territory	Generated by		Total	Year and province or territory	Generated by		Total
	Water power	Thermal power			Water power	Thermal power	
1961	103,919,241	9,794,077	113,713,318	1970	156,708,854	48,014,043	204,722,897
1968	134,972,933	41,405,342	176,378,275	1971	160,984,485	55,487,718	216,472,203
1969	149,246,787	41,855,443	191,102,230				
1970				1971			
Newfoundland	4,658,605	195,371	4,853,976	Newfoundland	4,723,275	308,146	5,031,421
Prince Edward Island	—	250,413	250,413	Prince Edward Island	—	274,026	274,026
Nova Scotia	592,110	2,918,954	3,511,064	Nova Scotia	782,885	3,332,121	4,115,006
New Brunswick	2,665,709	2,476,114	5,141,823	New Brunswick	2,070,619	3,609,076	5,679,695
Quebec	74,499,170	1,377,466	75,876,636	Quebec	75,355,311	891,995	76,247,306
Ontario	39,084,487	24,771,963	63,856,450	Ontario	38,110,708	30,528,819	68,639,527
Manitoba	7,765,716	683,025	8,448,741	Manitoba	9,122,313	615,887	9,738,200
Saskatchewan	2,610,087	3,401,292	6,011,379	Saskatchewan	2,568,339	3,507,029	6,075,368
Alberta	1,216,600	8,818,694	10,035,294	Alberta	1,201,099	9,896,465	11,097,564
British Columbia	23,206,455	3,002,495	26,208,950	British Columbia	26,645,584	2,392,698	29,038,282
Yukon Territory	182,980	41,407	224,387	Yukon Territory	191,325	47,329	238,654
Northwest Territories	226,935	76,849	303,784	Northwest Territories	213,027	84,127	297,154
Canada, 1970	156,708,854	48,014,043	204,722,897	Canada, 1971	160,984,485	55,487,718	216,472,203

**13.16 Summary electric power statistics, by province, 1970 and 1971**

Year and province or territory	Installed generating capacity kw	Energy made available in Canada '000 kwh	Exported to United States '000 kwh	Ultimate customers <sup>1</sup>	Total revenue from ultimate customers <sup>2</sup> \$'000	Electrical utilities employees	Salaries and wages \$'000
1970							
Newfoundland	1,248,018	4,770,008	—	117,141	35,414	1,502	9,396
Prince Edward Island	77,391	250,413	—	31,311	6,308	181	1,251
Nova Scotia	931,311	3,705,787	—	244,788	52,931	2,186	15,572
New Brunswick	1,200,850	4,221,354	756,822	186,320	48,174	1,285	10,582
Quebec	14,047,038	69,729,472	50,976	1,937,005	481,282	12,625	123,210
Ontario	13,700,161	69,488,172	3,598,358 <sup>3</sup>	2,449,858	618,821	19,575	191,262
Manitoba	1,794,010	8,766,836	293,555 <sup>4</sup>	319,500	79,508	2,527	21,062
Saskatchewan	1,532,860	5,235,920	—	318,311	76,520	1,678	15,773
Alberta	2,674,139	9,879,891	—	494,530	117,310	2,528	22,797
British Columbia	5,473,387	25,760,604	931,679 <sup>5</sup>	767,426	189,476	3,103	29,512
Yukon Territory	57,900	224,387	—	4,719	4,064	114	944
Northwest Territories	88,580	303,784	—	6,463	5,817	294	2,846
Canada, 1970	42,825,645	202,336,628	5,631,390	6,877,372	1,715,625	47,598	444,207