

4.—Capability and Firm Power Peak Load Requirements, Actual 1951 and 1960-66 and Forecast 1967-71

(Thousand kilowatts)

Item	Actual								Forecast				
	1951	1960	1961	1962	1963*	1964*	1965*	1966	1967	1968	1969	1970	1971
Net Generating Capability—													
Hydro-electric.....	9,044	18,516	18,389	18,651	19,241	19,493	20,779	21,459	22,539	23,837	26,023	26,882	28,598
Steam—Conventional.....			3,773	4,596	5,194	5,422	6,354	6,634	8,573	9,068	10,861	11,702	12,806
Nuclear.....			—	—	—	—	—	—	200	200	200	700	1,200
Internal combustion.....	1,032	3,824	240	251	236	255	243	257	260	266	267	277	289
Gas turbine.....			351	371	382	384	460	583	872	851	851	857	857
Totals, Net Generating Capability.....	10,076	22,340	22,753	23,869	25,053	25,554	27,836	28,933	32,444	34,222	38,202	40,418	43,750
Receipts of firm power from United States.....	—	—	2	4	2	2	—	100	—	—	—	—	—
Deliveries of firm power to United States.....	175	166	146	121	122	127	89	87	88	89	91	93	79
Totals, Net Capability.....	9,901	22,174	22,609	23,752	24,933	25,429	27,747	28,946	32,356	34,133	38,111	40,325	43,671
Peak Loads—													
Firm power peak loads within Canada.....	8,989	17,264	18,353	18,972	20,755	22,503	24,199	25,973	28,351	30,300	32,146	34,329	36,667
Indicated shortages.....	321	—	—	—	28	13	—	—	—	—	—	—	—
Totals, Indicated Peak Loads within Canada	9,310	17,264	18,353	18,972	20,783	22,516	24,199	25,973	28,351	30,300	32,146	34,329	36,667
Indicated Reserve.....	591	4,910	4,256	4,780	4,150	2,913	3,548	2,973	4,005	3,833	5,965	5,996	7,004