

5.—Capability and Firm Power Peak Load Requirements, Actual 1951 and 1958-64 and Forecast 1965-69

(Thousand kilowatts)

Item	Actual								Forecast				
	1951	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Net Generating Capability—													
Hydro-electric.....	9,044	15,912	17,086	18,516	18,389	18,651	19,666	19,964	21,293	22,259	22,886	25,058	26,551
Steam—Conventional.....					3,773	4,596	5,194	5,422	6,348	6,976	8,146	8,869	10,096
Nuclear.....	1,032	2,716	3,119	3,824	—	—	—	—	—	—	200	200	200
Internal combustion.....					240	251	236	255	260	268	271	275	279
Gas turbine.....					351	371	382	384	384	441	441	442	442
Totals, Net Generating Capability.....	10,076	18,628	20,205	22,340	22,753	23,869	25,478	26,025	28,285	29,944	31,944	34,844	37,568
Receipts of firm power from United States.....	—	—	—	—	2	4	2	2	2	2	2	2	2
Deliveries of firm power to United States.....	175	152	152	166	146	121	122	129	92	94	96	100	104
Totals, Net Capability.....	9,901	18,476	20,053	22,174	22,609	23,752	25,356	25,898	28,195	29,852	31,850	34,746	37,466
Peak Loads—													
Firm power peak loads within Canada.....	8,989	15,568	16,201	17,264	18,353	18,972	20,757	22,506	24,392	26,176	27,926	29,681	31,440
Indicated shortages.....	321	—	—	—	—	—	28	13	30	45	53	59	67
Totals, Indicated Peak Loads within Canada	9,310	15,568	16,201	17,264	18,353	18,972	20,785	22,519	24,422	26,221	27,979	29,740	31,507
Indicated Reserve.....	591	2,908	3,852	4,910	4,256	4,780	4,573	3,379	3,773	3,631	3,871	5,006	5,959

POWER GENERATING CAPABILITY