

5.—Capability and Firm Power Peak Load Requirements, Actual 1951 and 1958-63 and Forecast 1964-68  
(Thousand kilowatts)

Item	Actual							Forecast				
	1951	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
<b>Net Generating Capability—</b>												
Hydro-electric.....	9,044	15,912	17,086	18,516	18,389	18,651	19,666	20,319	21,211	22,058	22,378	23,496
Steam—Conventional.....					3,648	4,596	5,194	5,813	6,356	6,856	7,623	8,251
Nuclear.....	1,032	2,716	3,119	3,824	—	—	—	—	—	—	218	218
Internal combustion.....					240	251	236	244	250	254	256	258
Gas turbine.....					351	371	382	383	384	384	385	415
<b>Totals, Net Generating Capability.....</b>	<b>10,076</b>	<b>18,628</b>	<b>20,205</b>	<b>22,340</b>	<b>22,628</b>	<b>23,869</b>	<b>25,478</b>	<b>26,759</b>	<b>28,201</b>	<b>29,552</b>	<b>30,860</b>	<b>32,638</b>
Receipts of firm power from United States.....	—	—	—	—	2	4	2	2	3	3	3	3
Deliveries of firm power to United States.....	175	152	152	166	146	121	122	127	90	91	97	101
<b>Totals, Net Capability.....</b>	<b>9,901</b>	<b>18,476</b>	<b>20,053</b>	<b>22,174</b>	<b>22,484</b>	<b>23,752</b>	<b>25,358</b>	<b>26,634</b>	<b>28,114</b>	<b>29,464</b>	<b>30,766</b>	<b>32,540</b>
<b>Peak Loads—</b>												
Firm power peak load within Canada.....	8,989	15,568	16,201	17,264	18,353	18,972	20,759	22,265	23,605	24,953	26,338	27,789
Indicated shortages.....	321	—	—	—	—	—	28	—	28	70	86	88
<b>Totals, Indicated Peak Load within Canada.....</b>	<b>9,310</b>	<b>15,568</b>	<b>16,201</b>	<b>17,264</b>	<b>18,353</b>	<b>18,972</b>	<b>20,787</b>	<b>22,265</b>	<b>23,633</b>	<b>25,023</b>	<b>26,424</b>	<b>27,877</b>
<b>Indicated Reserve.....</b>	<b>591</b>	<b>2,908</b>	<b>3,852</b>	<b>4,910</b>	<b>4,131</b>	<b>4,780</b>	<b>4,571</b>	<b>4,369</b>	<b>4,481</b>	<b>4,441</b>	<b>4,342</b>	<b>4,663</b>