

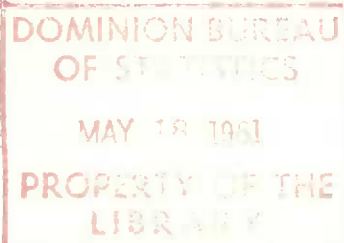
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CANADA



*Seventh*

**ANNUAL ELECTRIC POWER SURVEY  
OF CAPABILITY AND LOAD**

**1960 Actual**

**1961 - 1964 Forecast**

**DOMINION BUREAU OF STATISTICS**

Public Finance and Transportation Division

Public Utilities Section



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## Introduction

This report presents the results of the seventh annual Electric Power Survey of Capability and Load which was conducted in March 1961 by the Dominion Bureau of Statistics in cooperation with the Canadian Electrical Association. The Electric Power Survey embraces all producers of electric energy in Canada which generate 10,000,000 kilowatt hours or more per annum. The 1961 report is based on returns from 145 companies, half of which are utilities and the other half industrial establishments which generate power primarily for own use. As these 145 producers account for approximately 99 per cent of total generation in Canada, figures presented in this report may be regarded as being representative of the entire industry.

The statistics presented are for the years 1950, and 1955 - 1964 inclusive, the latter four years on a forecast basis. Capability and load figures are based on the situation as it existed at the time of each company's annual firm power peak load.

Net generating capability is the output that can be maintained at the time of annual firm power peak load after power used in station service is deducted. It is calculated on the basis of actual operating experience assuming all equipment in working order and available for use. Net generating capability should not be construed as representing installed capacity, a term used in reference to the name plate ratings of generating equipment as designated by the manufacturers.

The power situation in any province or for the country as a whole can be presented in several ways. Two of these are contained in the report and are based on the demand within the province (Table 1) and the demand on the province (Table 3). In each case the appropriate capability is also shown. Demand within the province is related to net capability which means net generating capability plus purchases less deliveries outside the province.

Statistics of the power situation within Canada and within the individual provinces provide a measure of the growth of the industry within geographic areas and indicate the contribution of the industry to the economic growth of the country as a whole. Demand on the province, however, is related to gross capability which is generating capability plus purchases outside the province and is of interest primarily from a utility point of view.

Some care must be exercised in the interpretation of these data. For example, the difference between gross capability and total firm demand is an indication of available reserves of power. Since power producers are not, however, all fully interconnected, reserves of power cannot always be completely utilized.

### Review of Survey Results

Net generating capability: Net generating capability in Canada rose 10.6 per cent in 1960 to 22,340,000 kilowatts from the 1959 total of 20,205,000. The increase was just under the 9.2 per cent annual growth rate over the ten-year period covered since the survey was inaugurated and compares with an increase of 13.1 per cent forecast for 1960. Greatly below-average increases of 3.7, 4.7, 5.6 and 3.9 per cent are planned for 1961, 1962, 1963 and 1964 because of the substantial reserves which have been built up since 1956. In 1964, net generating capability at 26,530,000 kilowatts will have advanced some 18.8 per cent over the current level.

The generating capability increase planned for the next four years will be 65 per cent thermal compared with less than 20 per cent in the four-year period ended 1959. Thermal generating capability will account for 24.6 per cent of the total in 1964, against 17.2 per cent in 1960.

Since 1950, thermal generating capability has had an annual growth rate of 17.1 per cent; additions between 1960 and 1964 are expected to average 14.4 per cent. The Annual rate of increase in hydro generating capability, which has been 8.0 per cent, between 1950 and 1960, is forecast to decline sharply to 2.8 per cent during the next four years.

Firm power peak load: Firm power peak load within Canada in 1960 amounted to 17,264,000 kilowatts, an increase of 6.6 per cent over the 1959 total of 16,201,000. The forecast for 1964 is 21,989,000 kilowatts, an estimated rise of 27.4 per cent. Annual rates of increase have averaged 7.4 per cent since 1950, slightly higher than the 6.9 per cent forecast for the next four years. The forecast rate of increase, however, is somewhat higher than the 6.3 per cent achieved in the last four years.

During the eight-year period 1956-1964, a growth in firm power peak load of 183.3 per cent is indicated in Prince Edward Island, and 131.5 per cent in Alberta and 123.4 per cent in Saskatchewan. The increase for all Canada during this period is expected to approximate 61 per cent.

Indicated Reserve: The indicated reserve for Canada rose sharply in 1960 to 4,910,000 kilowatts from the revised total of 3,852,000 in 1959. By 1964 it will decrease slightly to 4,419,000 kilowatts, and represent only 20.0 per cent of firm demand as compared with this year's 28.2 per cent. From a low of 7.8 per cent in 1956 the margin of reserve reached a peak of 28.2 per cent in 1960 and will slowly subside to the 1964 level of 20.0 per cent.

Reserves for individual provinces varied in 1960 from a high of 49.4 per cent in Saskatchewan to a low of 13.2 per cent in Manitoba.

Firm Energy Requirement: Firm energy requirement rose 8.9 per cent in 1960 to 101,982,000,000 kilowatt hours from 93,656,000,000 in 1959. The annual rate of increase of 6.3 per cent over the next four years is expected to result in a firm energy requirement of 130,256,000,000 kilowatt hours by 1964. The comparative stability of the rate of growth in firm energy requirement is evidenced by the fact that annual increments during the period 1950-1959 was 7.3 per cent.



Firm energy requirement within provinces showed much wider variations. During the eight-year period 1956-1964, firm energy requirement will increase 147.8 per cent in Saskatchewan, 125.8 per cent in Alberta and 122.6 per cent in Prince Edward Island. The comparable rate of growth for all Canada is 59.9 per cent.

Chart A - Net Generating Capability Within Canada (Page 10): This chart graphically portrays the rapid growth in ability to produce power and shows the extent to which thermal generation is becoming increasingly important.

Chart B - Net Capability and Firm Demand Within Canada (Page 11): Chart B provides an indication of the reserves available to meet firm demand for electric power within Canada.

Chart C - Net Generating Capability Within Provinces (Pages 12-13): Chart C illustrates the growth in capability and the comparative importance of hydro and thermal generation within provinces.

Chart D - Net Capability and Firm Demand Within Provinces (Pages 14-15): This chart provides a graphic indication of the year to year ability of each of the provinces to meet its firm demand for electric power.

Chart E - Firm Energy Requirement Within Canada (Page 16): Chart E shows the growth in Canadian firm energy requirement during the period 1950 - 1964.

Table 1 - Summary (Pages 17-28): This table summarizes capability, firm power peak load, indicated reserve and firm energy requirement for Canada and for each of the provinces.

Table 2 - Net Generating Capability Within Provinces (Page 29): This table compares provincial rates of growth in net generating capability.

Table 3 - Firm Power Peak Load Within Provinces (Page 30): This table compares rates of growth of firm power peak load within provinces.

Table 4 - Indicated Firm Energy Requirement Within Provinces (Page 31): This table compares rates of growth of firm energy requirement within provinces.

Table 5 - Indicated Reserve (Pages 32-34): This table shows the relationship between the demand for power and the ability to meet it in each of the provinces and in Canada as a whole. Demand on the province consists of firm power peak load within the province plus any indicated shortage or rejected load plus firm power deliveries outside the province. Gross capability consists of net generating capability (hydro and thermal) within the province plus purchases of firm power under firm obligation from sources outside the province. The difference between gross capability and firm demand is the indicated reserve, and this, expressed as a percentage of total firm demand, can be used as a measurement of the industry's ability to satisfy demand and meet contingencies. Since not all systems are fully interconnected it should be remembered that reserves of power cannot always be completely utilized.

DEFINITIONS

FIRM ENERGY REQUIREMENT

Energy required to meet firm obligations, or for use in own industrial plant other than in electric boilers.

FIRM POWER

Maximum power always to be available, short of major outages caused by storm, explosion, strikes, etc.

FIRM POWER PEAK LOAD

The annual FIRM POWER maximum average net kilowatt load of one hour duration within the UTILITY, SYSTEM or INDUSTRIAL ESTABLISHMENT.

FIRM OBLIGATIONS

Shall include only maximum commitments under contract agreements to accept or deliver power on an irrevocable basis.

INDICATED DEMAND

The sum of firm power peak load and indicated shortage.

INDICATED RESERVE

Net capability less indicated demand (+ or -).

INDUSTRIAL ESTABLISHMENT

A firm which generates power primarily for use in own plants.

NET GENERATING CAPABILITY

The maximum net kilowatt output (after station service) available from the generating facilities of the UTILITY, SYSTEM or INDUSTRIAL ESTABLISHMENT with all equipment available, at the time of the annual FIRM POWER PEAK LOAD, determined as the average kilowatt output for one hour with no allowance for outages of generating units.

NET CAPABILITY

The sum of net generating capability and purchases of firm power under firm obligation from other utilities less deliveries of firm power under firm obligation to other utilities.

SYSTEM

Two or more UTILITIES, having interconnections for the exchange of power, which although they may be separately incorporated, are controlled, managed or operated by one principal UTILITY.

UTILITY

The Company, Commission, or UTILITY reporting or included in a SYSTEM report under Section IV (which generates at least part of its own power).



CHART-A

### NET GENERATING CAPABILITY WITHIN CANADA 1950-1964

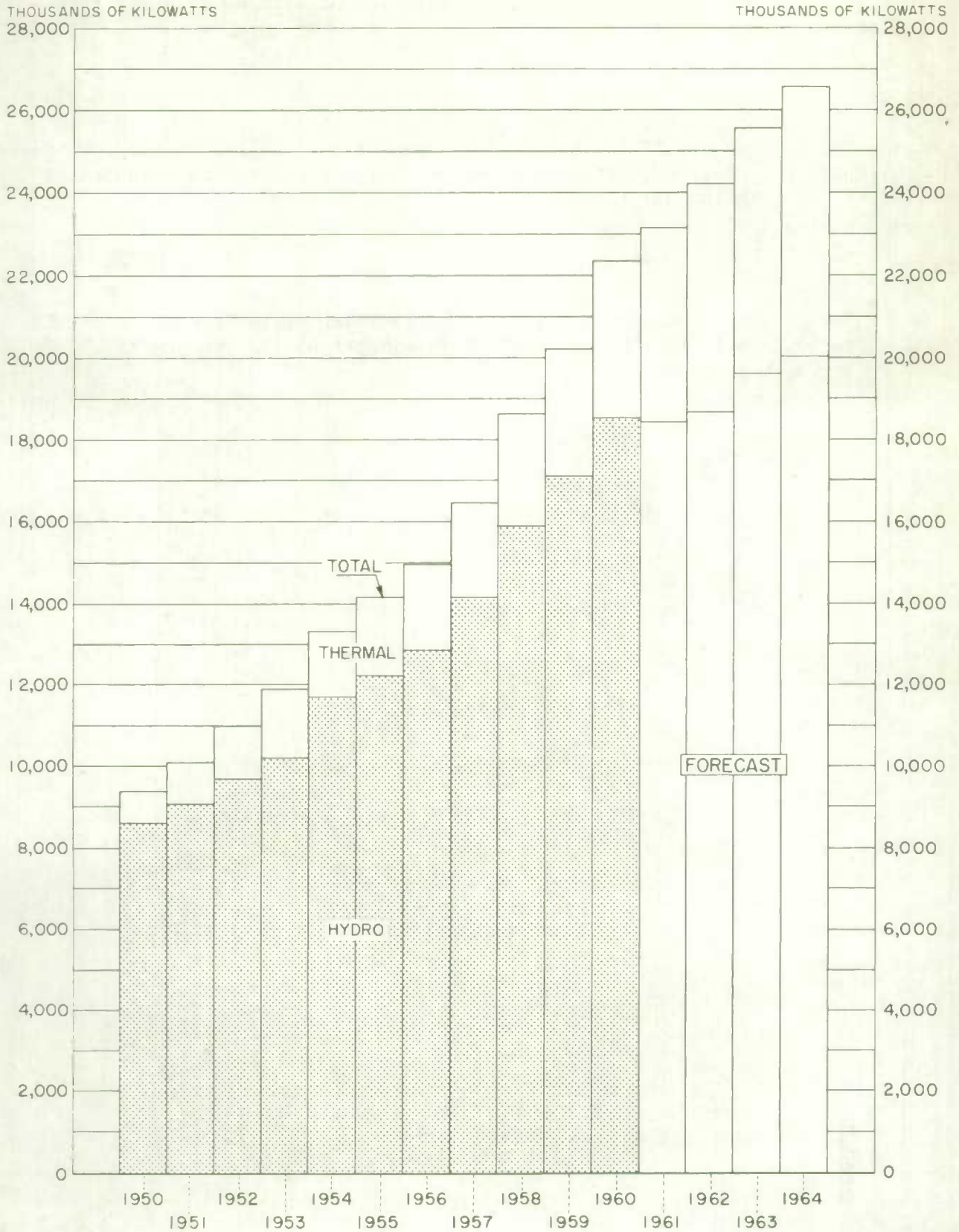


CHART - B

### NET CAPABILITY AND FIRM DEMAND WITHIN CANADA 1950-1964

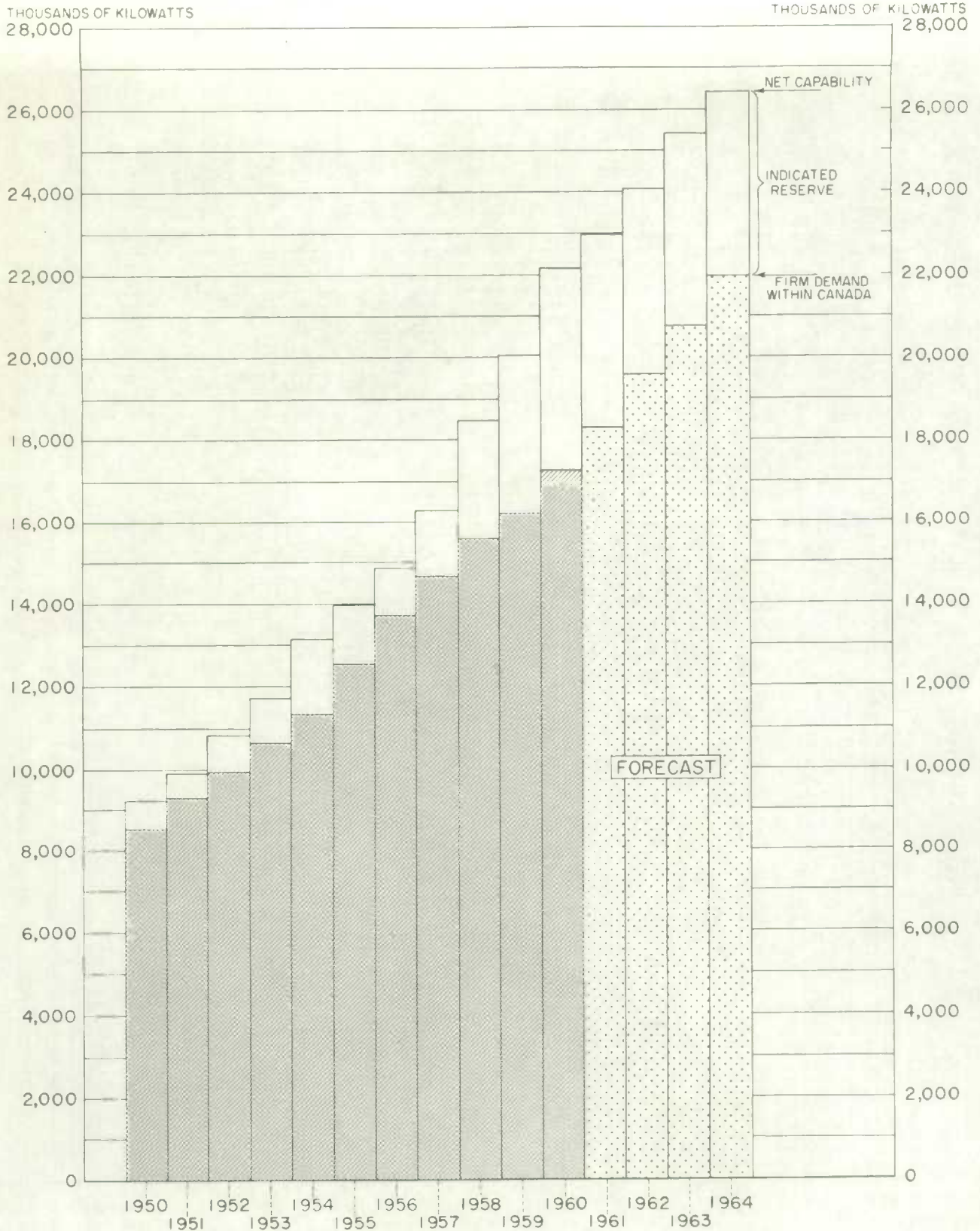




CHART-C

### NET GENERATING CAPABILITY WITHIN PROVINCES 1950-1964

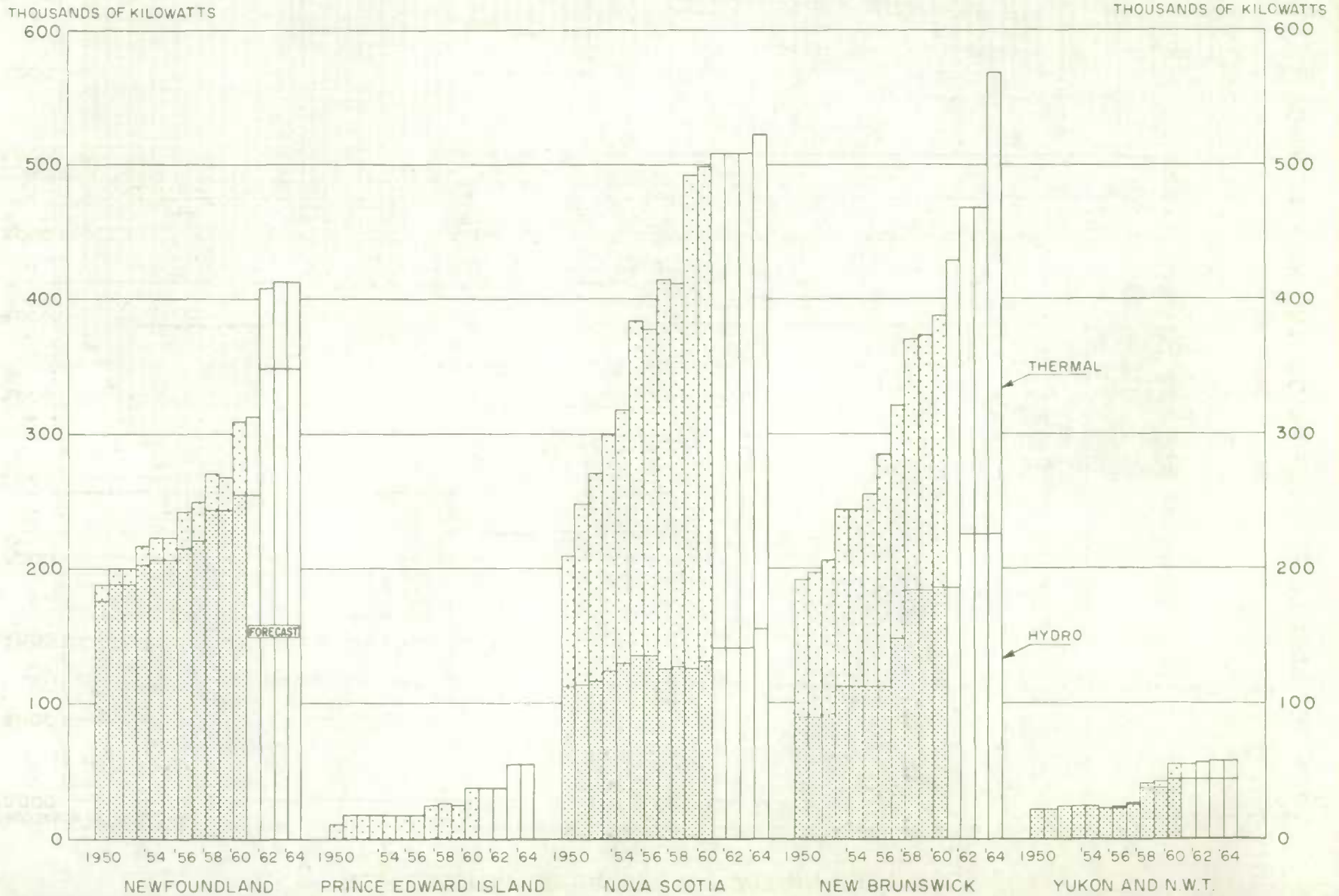


CHART - C

### NET GENERATING CAPABILITY WITHIN PROVINCES 1950-1964

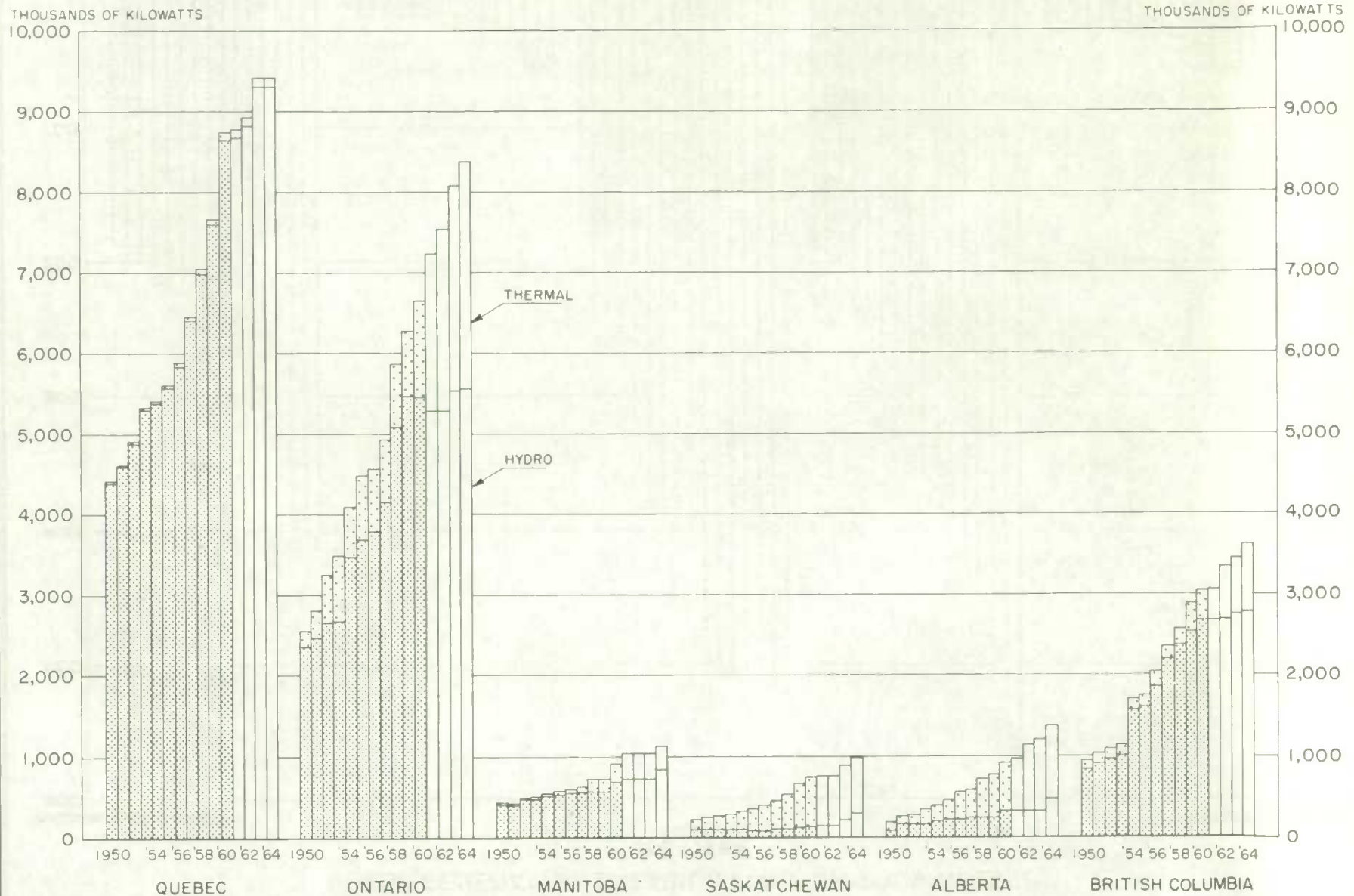


CHART-D

## NET CAPABILITY AND FIRM DEMAND WITHIN PROVINCES 1950-1964

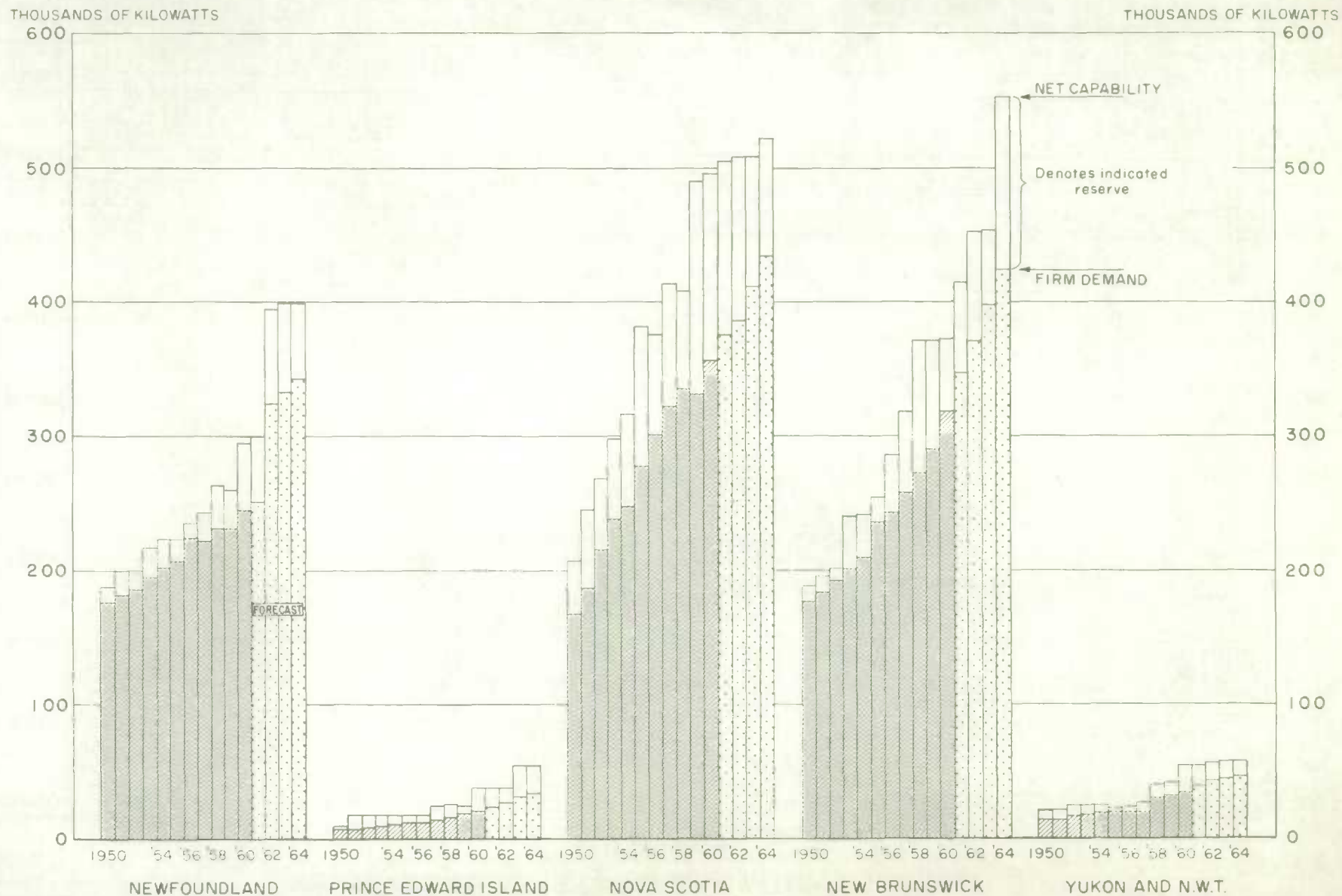




CHART - D

### NET CAPABILITY AND FIRM DEMAND WITHIN PROVINCES 1950 - 1964

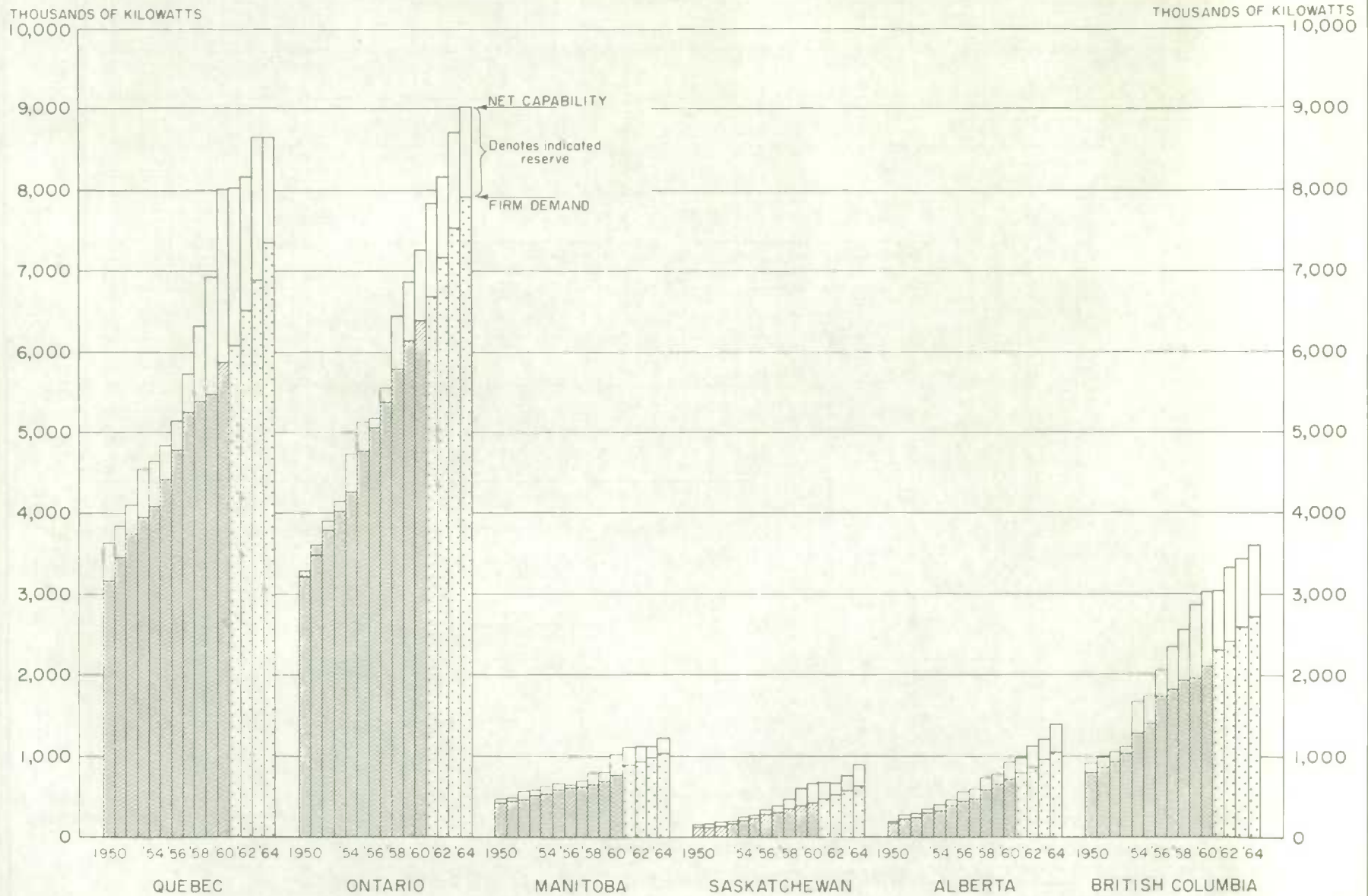


CHART-E

### FIRM ENERGY REQUIREMENT WITHIN CANADA 1950-1964

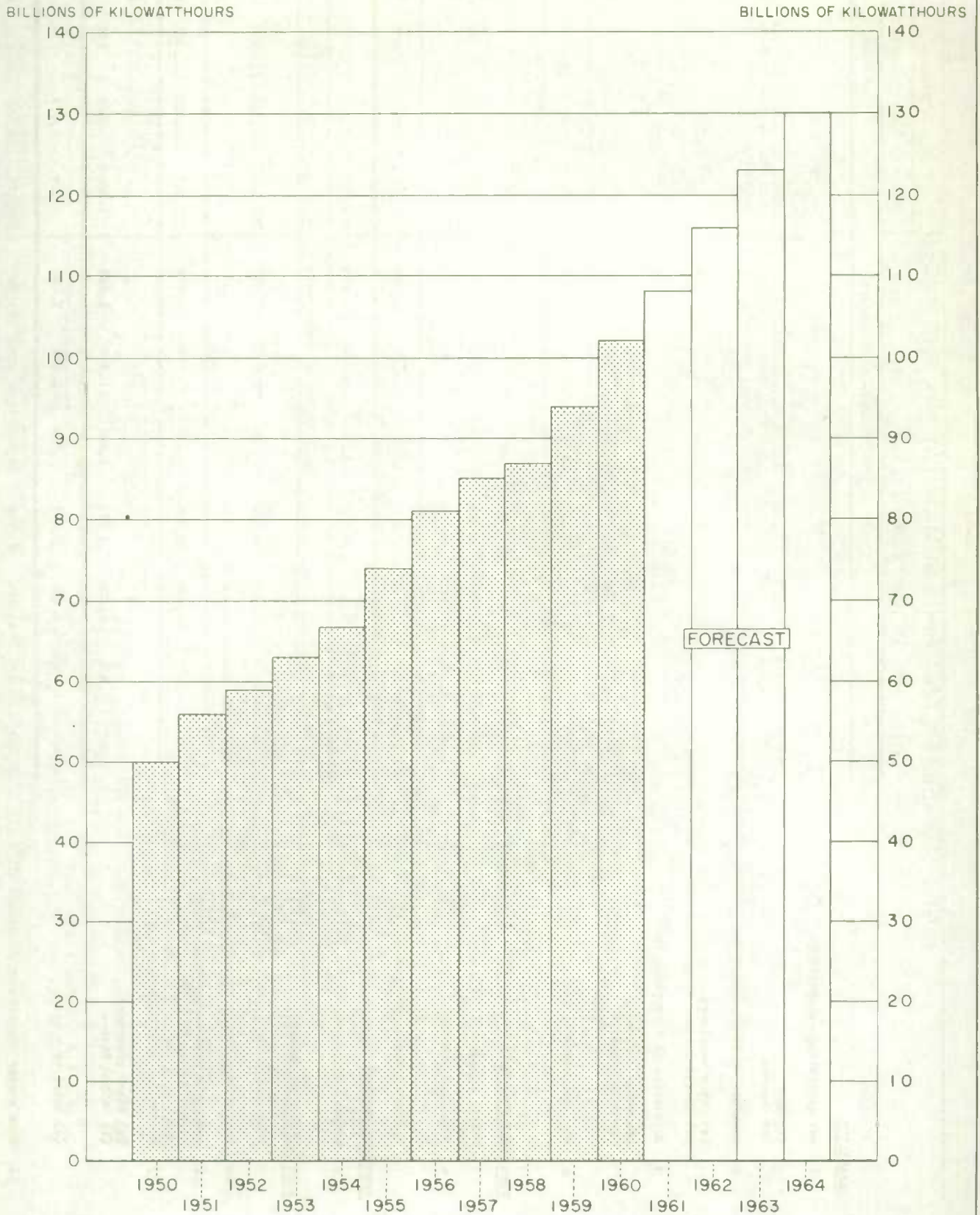




TABLE 1. Summary - Canada

	1950	1955	1956	1957	1958	1959	1960	FORECAST			
								1961	1962	1963	1964
Thousands of kilowatts											
<b>CAPABILITY:</b>											
1. Net generating capability:											
(a) Hydro	8,596	12,211	12,841	14,143	15,912	17,086	18,516	18,405	18,677	19,619	20,022
(b) Thermal	788	1,936	2,142	2,326	2,716	3,119	3,824	4,758	5,519	5,934	6,508
2. Receipts of firm power from:											
(a) Other provinces	-	-	-	-	-	-	-	-	-	-	-
(b) United States	-	5	56	-	-	-	-	-	-	-	-
3. Deliveries of firm power to:											
(a) Other provinces	-	-	-	-	-	-	-	-	-	-	-
(b) United States	176	166	147	150	152	152	166	168	123	125	122
4. Net capability (1 + 2 - 3)	9,208	13,986	14,892	16,319	18,476	20,053	22,174	22,995	24,073	25,428	26,408
ACTUAL								FORECAST			
<b>FIRM POWER PEAK LOAD:</b>											
5. Within Canada	8,313	12,472	13,668	14,664	15,568	16,201	17,264	18,292	19,587	20,757	21,989
6. Indicated shortage	217	64	47	2	-	-	-	-	-	-	-
7. Indicated demand within Canada (5 + 6)	8,530	12,536	13,715	14,666	15,568	16,201	17,264	18,292	19,587	20,757	21,989
<b>INDICATED RESERVE:</b>											
8. Difference (4 - 7)	+ 678	+1,450	+1,177	+1,653	+2,908	+3,852	+ 4,910	+ 4,703	+ 4,486	+ 4,671	+ 4,419
Millions of kilowatt-hours											
<b>FIRM ENERGY REQUIREMENT:</b>											
9. Firm energy requirement within Canada	49,627	73,748	79,913	84,222	87,102	93,656	101,982	107,865	115,522	122,688	130,256
10. Indicated shortage	378	378	1,546	554	-	-	-	-	-	-	-
11. Indicated firm energy requirement within Canada (9 + 10)	50,005	74,126	81,459	84,776	87,102	93,656	101,982	107,865	115,522	122,688	130,256
12. Deliveries of firm energy to:											
(a) Other provinces	-	-	-	-	-	-	-	-	-	-	-
(b) United States	1,418	1,332	1,226	1,172	1,264	1,253	1,283	1,306	1,028	935	938
(c) Total (a + b)	1,418	1,332	1,226	1,172	1,264	1,253	1,283	1,306	1,028	935	938
13. Firm energy requirement on Canada (11 + 12)	51,423	75,458	82,685	85,948	88,366	94,909	103,265	108,171	116,550	123,623	131,194

TABLE 1. Summary - Newfoundland (including Labrador)

	1950	1955	1956	1957	1958	1959	1960	FORECAST			
								1961	1962	1963	1964
Thousands of kilowatts											
<b>CAPABILITY:</b>											
1. Net generating capability:											
(a) Hydro	176	207	215	220	243	243	255	255	348	348	348
(b) Thermal	12	16	27	29	28	24	54	58	60	64	64
2. Receipts of firm power from:											
(a) Other provinces	-	-	-	-	-	-	-	-	-	-	-
(b) United States	-	-	-	-	-	-	-	-	-	-	-
3. Deliveries of firm power to:											
(a) Other provinces	-	-	6	6	8	7	14	13	13	13	13
(b) United States	-	-	-	-	-	-	-	-	-	-	-
4. Net capability (1 + 2 - 3)	188	223	236	243	263	260	295	300	395	399	399
ACTUAL								FORECAST			
<b>FIRM POWER PEAK LOAD:</b>											
5. Within Province	177	206	222	222	231	231	245	251	324	332	342
6. Indicated shortage	-	1	2	-	-	-	-	-	-	-	-
7. Indicated demand within Province (5 + 6)	177	207	224	222	231	231	245	251	324	332	342
<b>INDICATED RESERVE:</b>											
8. Difference (4 - 7)	+11	+16	+12	+21	+32	+29	+50	+49	+71	+67	+57
Millions of kilowatt-hours											
<b>FIRM ENERGY REQUIREMENT:</b>											
9. Firm energy requirement within Province	1,058	1,289	1,374	1,333	1,320	1,369	1,429	1,462	1,674	1,715	1,788
10. Indicated shortage	-	10	-	-	-	-	-	-	-	-	-
11. Indicated firm energy requirement within Province (9 + 10)	1,058	1,299	1,374	1,333	1,320	1,369	1,429	1,462	1,674	1,715	1,788
12. Deliveries of firm energy to:											
(a) Other provinces	-	-	31	46	44	33	49	49	49	49	49
(b) United States	-	-	-	-	-	-	-	-	-	-	-
(c) Total (a + b)	-	-	31	46	44	33	49	49	49	49	49
13. Firm energy requirement on Province (11 + 12)	1,058	1,299	1,405	1,379	1,364	1,402	1,478	1,511	1,723	1,764	1,837

TABLE 1. Summary - Prince Edward Island

	1950	1955	1956	1957	1958	1959	1960	FORECAST			
								1961	1962	1963	1964
Thousands of kilowatts											
<b>CAPABILITY:</b>											
1. Net generating capability:											
(a) Hydro	-	-	-	-	-	-	-	-	-	-	-
(b) Thermal	10	18	18	25	26	25	38	38	38	55	55
2. Receipts of firm power from:											
(a) Other provinces	-	-	-	-	-	-	-	-	-	-	-
(b) United States	-	-	-	-	-	-	-	-	-	-	-
3. Deliveries of firm power to:											
(a) Other provinces	-	-	-	-	-	-	-	-	-	-	-
(b) United States	-	-	-	-	-	-	-	-	-	-	-
4. Net capability (1 + 2 - 3)	10	18	18	25	26	25	38	38	38	55	55
ACTUAL								FORECAST			
<b>FIRM POWER PEAK LOAD:</b>											
5. Within Province	8	12	12	14	16	19	21	24	27	31	34
6. Indicated shortage	-	-	-	-	-	-	-	-	-	-	-
7. Indicated demand within Province (5 + 6)	8	12	12	14	16	19	21	24	27	31	34
<b>INDICATED RESERVE:</b>											
8. Difference (4 - 7)	+ 2	+ 6	+ 6	+11	+10	+ 6	+17	+14	+11	+24	+21
Millions of kilowatt-hours											
<b>FIRM ENERGY REQUIREMENT:</b>											
9. Firm energy requirement within Province	31	51	53	60	69	81	85	90	98	108	118
10. Indicated shortage	-	-	-	-	-	-	-	-	-	-	-
11. Indicated firm energy requirement within Province (9 + 10)	31	51	53	60	69	81	85	90	98	108	118
12. Deliveries of firm energy to:											
(a) Other provinces	-	-	-	-	-	-	-	-	-	-	-
(b) United States	-	-	-	-	-	-	-	-	-	-	-
(c) Total (a + b)	-	-	-	-	-	-	-	-	-	-	-
13. Firm energy requirement on Province (11 + 12)	31	51	53	60	69	81	85	90	98	108	118

TABLE 1. Summary - Nova Scotia

	1950	1955	1956	1957	1958	1959	1960	FORECAST			
								1961	1962	1963	1964
	Thousands of kilowatts										
<b>CAPABILITY:</b>											
1. Net generating capability:											
(a) Hydro	113	136	136	126	127	126	132	141	141	141	155
(b) Thermal	96	248	242	289	284	367	367	367	367	367	367
2. Receipts of firm power from:											
(a) Other provinces	-	-	-	-	-	-	-	-	-	-	-
(b) United States	-	-	-	-	-	-	-	-	-	-	-
3. Deliveries of firm power to:											
(a) Other provinces	2	2	2	2	3	3	3	3	-	-	-
(b) United States	-	-	-	-	-	-	-	-	-	-	-
4. Net capability (1 + 2 - 3)	207	382	376	413	408	490	496	505	508	508	522
	ACTUAL							FORECAST			
<b>FIRM POWER PEAK LOAD:</b>											
5. Within Province	163	278	301	322	335	330	356	375	386	411	434
6. Indicated shortage	4	-	-	-	-	-	-	-	-	-	-
7. Indicated demand within Province (5 + 6)	167	278	301	322	335	330	356	375	386	411	434
<b>INDICATED RESERVE:</b>											
8. Difference (4 - 7)	+ 40	+ 104	+ 75	+ 91	+ 73	+ 160	+ 140	+ 130	+ 122	+ 97	+ 88
	Millions of kilowatt-hours										
<b>FIRM ENERGY REQUIREMENT:</b>											
9. Firm energy requirement within Province	874	1,340	1,464	1,447	1,551	1,634	1,707	1,828	1,923	2,027	2,137
10. Indicated shortage	-	-	-	-	-	-	-	-	-	-	-
11. Indicated firm energy requirement within Province (9 + 10)	874	1,340	1,464	1,447	1,551	1,634	1,707	1,828	1,923	2,027	2,137
12. Deliveries of firm energy to:											
(a) Other provinces	6	8	8	8	10	14	79	6	-	-	-
(b) United States	-	-	-	-	-	-	-	-	-	-	-
(c) Total (a + b)	6	8	8	8	10	14	79	6	-	-	-
13. Firm energy requirement on Province (11 + 12)	880	1,348	1,472	1,455	1,561	1,648	1,786	1,834	1,923	2,027	2,137



TABLE 1. Summary - New Brunswick

	1950	1955	1956	1957	1958	1959	1960	FORECAST			
								1961	1962	1963	1964
Thousands of kilowatts											
<b>CAPABILITY:</b>											
1. Net generating capability:											
(a) Hydro	90	112	112	148	185	185	186	186	226	226	226
(b) Thermal	102	144	174	173	187	188	202	243	243	243	343
2. Receipts of firm power from:											
(a) Other provinces	2	4	5	5	8	7	7	7	5	5	5
(b) United States	-	-	-	-	-	-	-	-	-	-	-
3. Deliveries of firm power to:											
(a) Other provinces	-	-	-	-	-	-	-	-	-	-	-
(b) United States	5	5	5	8	9	9	23	22	22	21	21
4. Net capability (1 + 2 - 3)	189	255	286	318	371	371	372	414	452	453	553
ACTUAL								FORECAST			
<b>FIRM POWER PEAK LOAD:</b>											
5. Within Province	177	235	243	258	273	291	319	347	371	398	424
6. Indicated shortage	-	1	-	-	-	-	-	-	-	-	-
7. Indicated demand within Province (5 + 6)	177	236	243	258	273	291	319	347	371	398	424
<b>INDICATED RESERVE:</b>											
8. Difference (4 - 7)	+ 12	+ 19	+ 43	+ 60	+ 98	+ 80	+ 53	+ 67	+ 81	+ 55	+ 129
Millions of kilowatt-hours											
<b>FIRM ENERGY REQUIREMENT:</b>											
9. Firm energy requirement within Province	970	1,248	1,275	1,347	1,402	1,523	1,667	1,888	2,014	2,182	2,292
10. Indicated shortage	-	-	-	-	-	-	-	-	-	-	-
11. Indicated firm energy requirement within Province (9 + 10)	970	1,248	1,275	1,347	1,402	1,523	1,667	1,888	2,014	2,182	2,292
12. Deliveries of firm energy to:											
(a) Other provinces	-	-	-	-	-	-	-	-	-	-	-
(b) United States	41	33	32	29	63	51	58	136	135	139	142
(c) Total (a + b)	41	33	32	29	63	51	58	136	135	139	142
13. Firm energy requirement on Province (11 + 12)	1,011	1,281	1,307	1,376	1,465	1,574	1,725	2,024	2,149	2,321	2,434



TABLE 1. Summary - Quebec

	1950	1955	1956	1957	1958	1959	1960	FORECAST			
								1961	1962	1963	1964
Thousands of kilowatts											
<b>CAPABILITY:</b>											
1. Net generating capability:											
(a) Hydro	4,391	5,583	5,854	6,406	6,992	7,612	8,658	8,678	8,816	9,311	9,311
(b) Thermal	26	36	36	55	61	69	106	106	111	111	111
2. Receipts of firm power from:											
(a) Other provinces	1	1	7	7	9	9	16	15	15	15	15
(b) United States	-	5	4	-	-	-	-	-	-	-	-
3. Deliveries of firm power to:											
(a) Other provinces	732	729	691	694	673	696	698	700	703	707	708
(b) United States	56	56	56	56	57	57	57	56	56	57	56
4. Net capability (1 + 2 - 3)	3,630	4,840	5,154	5,718	6,332	6,937	8,025	8,043	8,183	8,673	8,673
ACTUAL								FORECAST			
<b>FIRM POWER PEAK LOAD:</b>											
5. Within Province	3,174	4,367	4,749	5,256	5,375	5,466	5,871	6,103	6,521	6,911	7,353
6. Indicated shortage	-	44	44	2	-	-	-	-	-	-	-
7. Indicated demand within Province (5 + 6)	3,174	4,411	4,793	5,258	5,375	5,466	5,871	6,103	6,521	6,911	7,353
<b>INDICATED RESERVE:</b>											
8. Difference (4 - 7)	+ 456	+ 429	+ 361	+ 460	+ 957	+1,471	+2,154	+1,940	+1,662	+1,762	+1,320
Millions of kilowatt-hours											
<b>FIRM ENERGY REQUIREMENT:</b>											
9. Firm energy requirement within Province	20,442	29,479	30,331	30,572	31,763	33,303	38,323	39,958	42,932	45,874	49,048
10. Indicated shortage	123	362	1,546	540	-	-	-	-	-	-	-
11. Indicated firm energy requirement within Province (9 + 10)	20,565	29,841	31,877	31,112	31,763	33,303	38,323	29,958	42,932	45,874	49,048
12. Deliveries of firm energy to:											
(a) Other provinces	4,425	4,260	4,117	4,075	4,205	4,211	4,193	4,202	4,220	4,234	4,240
(b) United States	490	490	491	485	490	492	496	491	491	491	491
(c) Total (a + b)	4,915	4,750	4,608	4,560	4,695	4,703	4,689	4,693	4,711	4,725	4,731
13. Firm energy requirement on Province (11 + 12)	25,480	34,591	36,485	35,672	36,458	38,006	43,012	44,651	47,643	50,599	53,779

TABLE 1. Summary - Ontario

	1950	1955	1956	1957	1958	1959	1960	FORECAST			
								1961	1962	1963	1964
Thousands of kilowatts											
<b>CAPABILITY:</b>											
1. Net generating capability:											
(a) Hydro	2,367	3,688	3,778	4,145	5,081	5,467	5,464	5,286	5,286	5,543	5,557
(b) Thermal	199	800	787	787	800	808	1,186	1,956	2,254	2,537	2,819
2. Receipts of firm power from:											
(a) Other provinces	741	741	702	705	668	692	694	696	699	702	703
(b) United States	-	-	-	-	-	-	-	-	-	-	-
3. Deliveries of firm power to:											
(a) Other provinces	1	1	1	1	1	2	2	2	2	2	2
(b) United States	85	85	86	86	86	86	86	90	45	47	45
4. Net capability (1 + 2 - 3)	3,221	5,143	5,180	5,550	6,462	6,879	7,256	7,846	8,192	8,733	9,032
ACTUAL								FORECAST			
<b>FIRM POWER PEAK LOAD:</b>											
5. Within Province	3,078	4,757	5,064	5,369	5,794	6,154	6,391	6,690	7,166	7,533	7,939
6. Indicated shortage	213	18	-	-	-	-	-	-	-	-	-
7. Indicated demand within Province (5 + 6)	3,291	4,775	5,064	5,369	5,794	6,154	6,391	6,690	7,166	7,533	7,939
<b>INDICATED RESERVE:</b>											
8. Difference (4 - 7)	- 70	+ 368	+ 116	+ 181	+ 668	+ 725	+ 865	+1,156	+1,026	+1,200	+1,093
Millions of kilowatt-hours											
<b>FIRM ENERGY REQUIREMENT:</b>											
9. Firm energy requirement within Province	18,016	26,376	28,875	30,768	31,401	34,844	36,216	37,700	40,423	42,383	44,750
10. Indicated shortage	255	6	-	-	-	-	-	-	-	-	-
11. Indicated firm energy requirement within Province (9 + 10)	18,271	26,382	28,875	30,768	31,401	34,844	36,216	37,700	40,423	42,383	44,750
12. Deliveries of firm energy to:											
(a) Other provinces	2	3	4	4	5	5	6	6	6	6	6
(b) United States	703	687	703	658	711	710	727	677	400	303	303
(c) Total (a + b)	705	690	707	662	716	715	733	683	406	309	309
13. Firm energy requirement on Province (11 + 12)	18,976	27,072	29,582	31,430	32,117	35,559	36,949	38,383	40,829	42,692	45,059

TABLE 1. Summary - Manitoba

	1950	1955	1956	1957	1958	1959	1960	FORECAST				
								1961	1962	1963	1964	
	Thousands of kilowatts											
<b>CAPABILITY:</b>												
1. Net generating capability:												
(a) Hydro	418	547	556	561	566	566	701	735	735	735	840	
(b) Thermal	10	46	46	78	168	168	231	294	294	294	294	
2. Receipts of firm power from:												
(a) Other provinces	68	79	64	69	68	72	86	86	87	137	87	
(b) United States	-	-	-	-	-	-	-	-	-	-	-	
3. Deliveries of firm power to:												
(a) Other provinces	9	14	14	14	-	-	-	-	-	-	-	
(b) United States	-	-	-	-	-	-	-	-	-	-	-	
4. Net capability (1 + 2 - 3)	487	658	652	694	802	806	1,018	1,115	1,116	1,116	1,221	
	ACTUAL							FORECAST				
<b>FIRM POWER PEAK LOAD:</b>												
5. Within Province	419	594	605	608	646	690	772	898	944	989	1,029	
6. Indicated shortage	-	-	-	-	-	-	-	-	-	-	-	
7. Indicated demand within Province (5 + 6)	419	594	605	608	646	690	772	898	944	989	1,029	
<b>INDICATED RESERVE:</b>												
8. Difference (4 - 7)	+ 68	+ 64	+ 47	+ 86	+ 156	+ 116	+ 246	+ 217	+ 172	+ 177	+ 192	
	Millions of kilowatt-hours											
<b>FIRM ENERGY REQUIREMENT:</b>												
9. Firm energy requirement within Province	2,218	3,122	3,414	3,435	3,557	3,828	4,086	5,026	5,325	5,607	5,908	
10. Indicated shortage	-	-	-	-	-	-	-	-	-	-	-	
11. Indicated firm energy requirement within Province (9 + 10)	2,218	3,122	3,414	3,435	3,557	3,828	4,086	5,026	5,325	5,607	5,908	
12. Deliveries of firm energy to:												
(a) Other provinces	79	114	94	136	-	-	-	-	-	-	-	
(b) United States	-	-	-	-	-	-	-	-	-	-	-	
(c) Total (a + b)	79	114	94	136	-	-	-	-	-	-	-	
13. Firm energy requirement on Province (11 + 12)	2,297	3,236	3,508	3,571	3,557	3,828	4,086	5,026	5,325	5,607	5,908	

TABLE 1. Summary - Saskatchewan

	1950	1955	1956	1957	1958	1959	1960	FORECAST			
								1961	1962	1963	1964
Thousands of kilowatts											
<b>CAPABILITY:</b>											
1. Net generating capability:											
(a) Hydro	85	82	82	87	87	88	99	103	103	203	304
(b) Thermal	129	257	320	376	451	583	653	653	653	683	683
2. Receipts of firm power from:											
(a) Other provinces	-	-	-	-	1	1	1	-	-	-	-
(b) United States	-	-	-	-	-	-	-	-	-	-	-
3. Deliveries of firm power to:											
(a) Other provinces	68	79	64	69	68	72	86	86	87	137	87
(b) United States	-	-	-	-	-	-	-	-	-	-	-
4. Net capability (1 + 2 - 3)	146	260	338	394	471	600	667	670	669	749	900
ACTUAL								FORECAST			
<b>FIRM POWER PEAK LOAD:</b>											
5. Within Province	128	227	278	299	353	377	418	470	517	567	621
6. Indicated shortage	-	-	-	-	-	-	-	-	-	-	-
7. Indicated demand within Province (5 + 6)	128	227	278	299	353	377	418	470	517	567	621
<b>INDICATED RESERVE:</b>											
8. Difference (4 - 7)	+ 18	+ 33	+ 60	+ 95	+ 118	+ 223	+ 249	+ 200	+ 152	+ 182	+ 279
Millions of kilowatt-hours											
<b>FIRM ENERGY REQUIREMENT:</b>											
9. Firm energy requirement within Province	405	877	1,047	1,276	1,422	1,527	1,698	1,915	2,116	2,353	2,594
10. Indicated shortage	-	-	-	-	-	-	-	-	-	-	-
11. Indicated firm energy requirement within Province (9 + 10)	405	877	1,047	1,276	1,422	1,527	1,698	1,915	2,116	2,353	2,594
12. Deliveries of firm energy to:											
(a) Other provinces	500	571	554	503	504	517	575	572	614	614	614
(b) United States	-	-	-	-	-	-	-	-	-	-	-
(c) Total (a + b)	500	571	554	503	504	517	575	572	614	614	614
13. Firm energy requirement on Province (11 + 12)	905	1,448	1,601	1,779	1,926	2,044	2,273	2,521	2,730	2,967	3,208



TABLE 1. Summary - Alberta

	1950	1955	1956	1957	1958	1959	1960	FORECAST			
								1961	1962	1963	1964
Thousands of kilowatts											
<b>CAPABILITY:</b>											
1. Net generating capability:											
(a) Hydro	83	220	220	238	238	238	318	318	318	318	468
(b) Thermal	108	238	338	350	496	530	607	655	809	878	915
2. Receipts of firm power from:											
(a) Other provinces	-	-	4	4	4	3	3	3	5	7	9
(b) United States	-	-	-	-	-	-	-	-	-	-	-
3. Deliveries of firm power to:											
(a) Other provinces	3	3	-	-	1	1	1	-	-	-	-
(b) United States	-	-	-	-	-	-	-	-	-	-	-
4. Net capability (1 + 2 - 3)	188	455	562	592	737	770	927	976	1,132	1,203	1,392
ACTUAL											
<b>FIRM POWER PEAK LOAD:</b>											
5. Within Province	176	391	451	476	580	649	714	792	870	955	1,044
6. Indicated shortage	-	-	-	-	-	-	-	-	-	-	-
7. Indicated demand within Province (5 + 6)	176	391	451	476	580	649	714	792	870	955	1,044
<b>INDICATED RESERVE:</b>											
8. Difference (4 - 7)	+ 12	+ 64	+ 111	+ 116	+ 157	+ 121	+ 213	+ 184	+ 262	+ 248	+ 348
Millions of kilowatt-hours											
<b>FIRM ENERGY REQUIREMENT:</b>											
9. Firm energy requirement within Province	1,023	1,859	2,180	2,424	2,760	3,156	3,481	3,778	4,125	4,508	4,923
10. Indicated shortage	-	-	-	-	-	-	-	-	-	-	-
11. Indicated firm energy requirement within Province (9 + 10)	1,023	1,859	2,180	2,424	2,760	3,156	3,481	3,778	4,125	4,508	4,923
12. Deliveries of firm energy to:											
(a) Other provinces	14	-	-	-	-	5	3	-	-	-	-
(b) United States	-	-	-	-	-	-	-	-	-	-	-
(c) Total (a + b)	14	-	-	-	-	5	3	-	-	-	-
13. Firm energy requirement on Province (11 + 12)	1,037	1,859	2,180	2,424	2,760	3,161	3,484	3,778	4,125	4,508	4,923



TABLE 1. Summary - British Columbia

	1950	1955	1956	1957	1958	1959	1960	FORECAST			
								1961	1962	1963	1964
Thousands of kilowatts											
<b>CAPABILITY:</b>											
1. Net generating capability:											
(a) Hydro	852	1,614	1,866	2,187	2,356	2,524	2,659	2,659	2,660	2,750	2,769
(b) Thermal	96	133	153	163	212	353	369	377	678	689	844
2. Receipts of firm power from:											
(a) Other provinces	3	3	-	-	-	-	-	-	-	-	-
(b) United States	-	-	52	-	-	-	-	-	-	-	-
3. Deliveries of firm power to:											
(a) Other provinces	-	-	4	4	4	3	3	3	5	7	9
(b) United States	30	20	-	-	-	-	-	-	-	-	-
4. Net capability (1 + 2 - 3)	921	1,730	2,067	2,346	2,564	2,874	3,025	3,033	3,333	3,432	3,604
ACTUAL								FORECAST			
<b>FIRM POWER PEAK LOAD:</b>											
5. Within Province	799	1,386	1,724	1,821	1,935	1,963	2,123	2,303	2,418	2,586	2,724
6. Indicated shortage	-	-	1	-	-	-	-	-	-	-	-
7. Indicated demand within Province (5 + 6)	799	1,386	1,725	1,821	1,935	1,963	2,123	2,303	2,418	2,586	2,724
<b>INDICATED RESERVE:</b>											
8. Difference (4 - 7)	+ 122	+ 344	+ 342	+ 525	+ 629	+ 911	+ 902	+ 730	+ 915	+ 846	+ 880
Millions of kilowatt-hours											
<b>FIRM ENERGY REQUIREMENT:</b>											
9. Firm energy requirement within Province	4,523	8,011	9,802	11,445	11,726	12,234	13,130	14,029	14,695	15,729	16,494
10. Indicated shortage	-	-	-	14	-	-	-	-	-	-	-
11. Indicated firm energy requirement within Province (9 + 10)	4,523	8,011	9,802	11,459	11,726	12,234	13,130	14,029	14,695	15,729	16,494
12. Deliveries of firm energy to:											
(a) Other provinces	-	10	10	9	6	6	3	3	3	3	4
(b) United States	184	122	-	-	-	-	2	2	2	2	2
(c) Total (a + b)	184	132	10	9	6	6	5	5	5	5	6
13. Firm energy requirement on Province (11 + 12)	4,707	8,143	9,812	11,468	11,732	12,240	13,135	14,034	14,700	15,734	16,500

TABLE 1. Summary - Yukon and Northwest Territories

	1950	1955	1956	1957	1958	1959	1960	FORECAST			
								1961	1962	1963	1964
Thousands of kilowatts											
<b>CAPABILITY:</b>											
1. Net generating capability:											
(a) Hydro	21	22	22	25	37	37	44	44	44	44	44
(b) Thermal	-	-	1	1	3	4	11	11	12	13	13
2. Receipts of firm power from:											
(a) Other provinces	-	-	-	-	-	-	-	-	-	-	-
(b) United States	-	-	-	-	-	-	-	-	-	-	-
3. Deliveries of firm power to:											
(a) Other provinces	-	-	-	-	-	-	-	-	-	-	-
(b) United States	-	-	-	-	-	-	-	-	-	-	-
4. Net capability (1 + 2 - 3)	21	22	23	26	40	41	55	55	56	57	57
ACTUAL								FORECAST			
<b>FIRM POWER PEAK LOAD:</b>											
5. Within Province	14	19	19	19	30	31	34	39	43	44	45
6. Indicated shortage	-	-	-	-	-	-	-	-	-	-	-
7. Indicated demand within Province (5 + 6)	14	19	19	19	30	31	34	39	43	44	45
<b>INDICATED RESERVE:</b>											
8. Difference (4 - 7)	+ 7	+ 3	+ 4	+ 7	+ 10	+ 10	+ 21	+ 16	+ 13	+ 13	+ 12
Millions of kilowatt-hours											
<b>FIRM ENERGY REQUIREMENT:</b>											
9. Firm energy requirement within Province	67	96	98	115	131	157	160	191	197	202	204
10. Indicated shortage	-	-	-	-	-	-	-	-	-	-	-
11. Indicated firm energy requirement within Province (9 + 10)	67	96	98	115	131	157	160	191	197	202	204
12. Deliveries of firm energy to:											
(a) Other provinces	-	-	-	-	-	-	-	-	-	-	-
(b) United States	-	-	-	-	-	-	-	-	-	-	-
(c) Total (a + b)	-	-	-	-	-	-	-	-	-	-	-
13. Firm energy requirement on Province (11 + 12)	67	96	98	115	131	157	160	191	197	202	204

TABLE 2. Net Generating Capability Within Provinces(1)

P R O V I N C E	1950	1955	1956	1957	1958	1959	1960	F O R E C A S T				P E R C E N T A G E C H A N G E			
								1961	1962	1963	1964	1956 1960	1960 1964	1956 1964	
Thousands of kilowatts															
Newfoundland (including Labrador)	188	223	242	249	271	267	309	313	408	412	412	27.7	33.3	70.2	
Prince Edward Island	10	18	18	25	26	25	38	38	38	55	55	111.0	44.7	206.0	
Nova Scotia	209	384	378	415	411	493	499	508	508	508	522	32.0	4.6	38.1	
New Brunswick	192	256	286	321	372	373	388	429	469	469	569	35.7	46.7	99.0	
Quebec	4,417	5,619	5,890	6,461	7,053	7,681	8,764	8,784	8,927	9,422	9,422	48.8	7.5	60.0	
Ontario	2,566	4,488	4,565	4,932	5,881	6,275	6,650	7,242	7,540	8,080	8,376	45.7	26.0	83.5	
Manitoba	428	593	602	639	734	734	932	1,029	1,029	1,029	1,134	54.8	21.7	88.4	
Saskatchewan	214	339	402	463	538	671	752	756	756	886	987	87.1	31.3	145.5	
Alberta	191	458	558	588	734	768	925	973	1,127	1,196	1,383	65.8	49.5	147.8	
British Columbia	948	1,747	2,019	2,350	2,568	2,877	3,028	3,036	3,338	3,439	3,613	50.0	19.3	78.9	
Yukon and N.W.T.	21	22	23	26	40	41	55	55	56	57	57	139.1	3.6	147.8	
<b>CANADA</b>	<b>9,384</b>	<b>14,147</b>	<b>14,983</b>	<b>16,469</b>	<b>18,628</b>	<b>20,205</b>	<b>22,340</b>	<b>23,163</b>	<b>24,196</b>	<b>25,553</b>	<b>26,530</b>	<b>49.1</b>	<b>18.8</b>	<b>77.1</b>	

(1) Hydro plus thermal (Table I, item 1 a + 1 b).

TABLE 3. Firm Power Peak Load Within Provinces(1)

P R O V I N C E	1950	1955	1956	1957	1958	1959	1960	F O R E C A S T				P E R C E N T A G E C H A N G E			
								1961	1962	1963	1964	1956 1960	1960 1964	1956 1964	
	Thousands of kilowatts														
Newfoundland (including Labrador)	177	206	222	222	231	231	245	251	324	332	342	10.4	39.6	54.1	
Prince Edward Island	8	12	12	14	16	19	21	24	27	31	34	75.0	61.9	183.3	
Nova Scotia	163	278	301	322	335	330	356	375	386	411	434	18.3	21.9	44.2	
New Brunswick	177	235	243	258	273	291	319	347	371	398	424	31.3	32.9	74.5	
Quebec	3,174	4,367	4,749	5,256	5,375	5,466	5,871	6,103	6,521	6,911	7,353	23.6	25.2	54.8	
Ontario	3,078	4,757	5,064	5,369	5,794	6,154	6,391	6,690	7,166	7,533	7,939	26.2	24.2	56.8	
Manitoba	419	594	605	608	646	690	772	898	944	989	1,029	27.6	33.3	70.1	
Saskatchewan	128	227	278	299	353	377	418	470	517	567	621	50.4	48.6	123.4	
Alberta	176	391	451	476	580	649	714	792	870	955	1,044	58.3	46.2	131.5	
British Columbia	799	1,386	1,724	1,821	1,935	1,963	2,123	2,303	2,418	2,586	2,724	23.1	28.3	58.0	
Yukon and N.W.T.	14	19	19	19	30	31	34	39	43	44	45	78.9	32.4	136.8	
CANADA	8,313	12,472	13,668	14,664	15,568	16,201	17,264	18,292	19,587	20,757	21,989	26.3	27.4	60.9	

(1) Indicated Firm Demand (Table I, item 7).



TABLE 4. Indicated Firm Energy Requirement Within Provinces(1)

P R O V I N C E	1950	1955	1956	1957	1958	1959	1960	F O R E C A S T				P E R C E N T A G E C H A N G E			
								1961	1962	1963	1964	1956 1960	1960 1964	1956 1964	
Millions of Kilowatt Hours															
Newfoundland (including Labrador)	1,058	1,299	1,374	1,333	1,320	1,369	1,429	1,462	1,674	1,715	1,788	4.0	25.1	30.1	
Prince Edward Island	31	51	53	60	69	81	85	90	98	108	118	60.4	38.8	122.6	
Nova Scotia	874	1,340	1,464	1,447	1,551	1,634	1,707	1,828	1,923	2,027	2,137	16.6	25.2	46.0	
New Brunswick	970	1,248	1,275	1,347	1,402	1,523	1,667	1,888	2,014	2,182	2,292	30.7	37.5	79.8	
Quebec	20,565	29,841	31,877	31,112	31,763	33,303	38,323	39,958	42,932	45,874	49,048	20.2	28.0	53.9	
Ontario	18,271	26,382	28,875	30,768	31,401	34,844	36,216	37,700	40,423	42,383	44,750	25.4	23.6	55.0	
Manitoba	2,218	3,122	3,414	3,435	3,557	3,828	4,086	5,026	5,325	5,607	5,908	19.7	44.6	73.1	
Saskatchewan	405	877	1,047	1,276	1,422	1,527	1,698	1,915	2,116	2,353	2,594	62.2	52.8	147.8	
Alberta	1,023	1,859	2,180	2,424	2,760	3,156	3,481	3,778	4,125	4,508	4,923	59.7	41.4	125.8	
British Columbia	4,523	8,011	9,802	11,459	11,726	12,234	13,130	14,029	14,695	15,729	16,494	34.0	25.6	68.3	
Yukon and N.W.T.	67	96	98	115	131	157	160	191	197	202	204	63.3	27.5	108.2	
CANADA	50,005	74,126	81,459	84,776	87,102	93,656	101,928	107,865	115,522	122,688	130,256	25.1	27.8	59.9	

(1) Table I, item 11.

TABLE 5. Indicated Reserve(l)

P R O V I N C E	1950	1955	1956	1957	1958	1959	1960	F O R E C A S T				P E R C E N T A G E C H A N G E		
								1961	1962	1963	1964	1956	1960	1956-
												1960	1964	1964
Thousands of Kilowatts														
<u>Newfoundland</u> (including Labrador)														
1. Gross capability	188	223	242	249	271	267	309	313	408	412	412	27.7	33.3	70.2
2. Total firm demand on the province	177	207	230	228	239	238	259	264	337	345	355	26.1	37.1	54.3
3. Indicated reserve (1 - 2)	11	16	12	21	32	29	50	49	71	67	57	...	...	...
4. Indicated reserve expressed as a % of total firm demand	6.2	7.7	5.2	9.2	13.4	12.2	19.3	18.6	21.1	19.4	16.1	...	...	...
<u>Prince Edward Island</u>														
1. Gross capability	10	18	18	25	26	25	38	38	38	55	55	111.1	44.7	205.6
2. Total firm demand on the province	8	12	12	14	16	19	21	24	27	31	34	75.0	61.9	183.3
3. Indicated reserve (1 - 2)	2	6	6	11	10	6	17	14	11	24	21	...	...	...
4. Indicated reserve expressed as a % of total firm demand	25.0	50.0	50.0	78.6	62.5	31.6	18.1	58.3	40.7	77.4	61.8	...	...	...
<u>Nova Scotia</u>														
1. Gross capability	209	384	378	415	411	493	499	508	508	508	522	32.0	4.6	38.1
2. Total firm demand on the province	169	280	303	324	338	333	359	378	386	411	434	18.5	20.9	43.2
3. Indicated reserve (1 - 2)	40	104	75	91	73	160	140	130	122	97	88	...	...	...
4. Indicated reserve expressed as a % of total firm demand	23.7	37.1	24.8	28.1	21.6	48.0	39.0	34.4	31.6	23.6	20.3	...	...	...
<u>New Brunswick</u>														
1. Gross capability	194	260	291	326	380	380	395	436	474	474	574	35.7	45.3	97.3
2. Total firm demand on the province	182	241	248	266	282	300	342	369	393	419	465	37.9	36.0	87.5
3. Indicated reserve (1 - 2)	12	19	43	60	98	80	53	67	81	55	109	...	...	...
4. Indicated reserve expressed as a % of total firm demand	6.6	7.9	17.3	22.6	34.8	26.7	15.5	18.2	20.6	13.1	23.4	...	...	...

See footnotes at end of table.

TABLE 5. Indicated Reserve(1) - Continued

P R O V I N C E	1950	1955	1956	1957	1958	1959	1960	F O R E C A S T				P E R C E N T A G E C H A N G E			
								1961	1962	1963	1964	1956	1960	1956	
												1960	1964	1964	
Thousands of Kilowatts															
<u>Quebec</u>															
1. Gross capability	4,418	5,625	5,901	6,468	7,062	7,690	8,780	8,799	8,942	9,437	9,437	48.8	7.5	59.9	
2. Total firm demand on the province	3,962	5,196	5,540	6,008	6,105	6,219	6,626	6,859	7,281	7,675	8,117	19.6	25.0	46.5	
3. Indicated reserve (1 - 2)	456	429	361	460	957	1,471	2,154	1,940	1,661	1,762	1,320	...	...	...	
4. Indicated reserve expressed as a % of total firm demand	11.2	8.3	6.5	7.7	15.7	23.6	32.5	28.3	22.8	23.0	16.3	...	...	...	
<u>Ontario</u>															
1. Gross capability	3,307	5,229	5,267	5,637	6,549	6,967	7,344	7,938	8,239	8,782	9,079	39.4	23.6	72.4	
2. Total firm demand on the province	3,377	4,861	5,151	5,456	5,881	6,242	6,479	6,782	7,213	7,582	7,986	25.8	23.3	55.0	
3. Indicated reserve (1 - 2)	- 70	368	116	181	668	725	865	1,156	1,026	1,200	1,093	...	...	...	
4. Indicated reserve expressed as a % of total firm demand	-	7.7	2.3	3.3	11.4	11.6	13.4	17.0	14.2	15.8	13.7	...	...	...	
<u>Manitoba</u>															
1. Gross capability	496	672	666	708	802	806	1,018	1,115	1,116	1,166	1,221	52.9	19.9	83.3	
2. Total firm demand on the province	428	608	619	622	646	690	772	898	944	989	1,029	12.5	33.3	66.2	
3. Indicated reserve (1 - 2)	68	64	47	86	156	116	246	217	172	177	192	...	...	...	
4. Indicated reserve expressed as a % of total firm demand	15.9	10.5	7.6	13.8	24.1	16.8	13.2	24.2	18.2	12.8	18.7	...	...	...	
<u>Saskatchewan</u>															
1. Gross capability	214	339	402	463	539	672	753	756	756	886	987	87.3	31.1	145.5	
2. Total firm demand on the province	196	306	342	368	421	449	504	556	604	704	708	47.4	40.5	107.0	
3. Indicated reserve (1 - 2)	18	33	60	95	118	223	249	200	152	182	279	...	...	...	
4. Indicated reserve expressed as a % of total firm demand	20.0	12.0	17.5	25.8	28.0	49.7	49.4	36.0	25.2	25.9	39.4	...	...	...	

See footnotes at end of table.

TABLE 5. Indicated Reserve(1) - Concluded

P R O V I N C E	1950	1955	1956	1957	1958	1959	1960	F O R E C A S T				P E R C E N T A G E C H A N G E		
								1961	1962	1963	1964	1956 1960	1960 1964	1956 1964
Thousands of Kilowatts														
<u>Alberta</u>														
1. Gross capability	191	458	562	592	738	771	928	976	1,132	1,203	1,392	65.1	50.0	147.7
2. Total firm demand on the province	179	394	451	476	581	650	715	792	870	955	1,044	58.5	46.0	131.5
3. Indicated reserve (1 - 2)	12	64	111	116	157	121	213	184	262	248	348	...	...	...
4. Indicated reserve expressed as a % of total firm demand	6.7	16.2	24.6	24.4	27.0	18.6	29.8	23.2	13.0	26.0	33.3	...	...	...
<u>British Columbia</u>														
1. Gross capability	951	1,750	2,071	2,350	2,568	2,877	3,028	3,036	3,338	3,439	3,613	46.2	19.3	74.5
2. Total firm demand on the province	829	1,406	1,729	1,825	1,939	1,966	2,126	2,306	2,423	2,593	2,733	23.0	28.6	58.1
3. Indicated reserve (1 - 2)	122	344	342	525	629	911	902	730	915	846	880	...	...	...
4. Indicated reserve expressed as a % of total firm demand	14.7	24.5	19.8	28.8	32.4	46.3	42.4	31.7	37.8	32.6	32.2	...	...	...
<u>Yukon and N.W.T.</u>														
1. Gross capability	21	22	23	26	40	41	55	55	56	57	57	139.1	3.6	147.8
2. Total firm demand on the province	14	19	19	19	30	31	34	39	43	44	45	78.9	32.4	136.8
3. Indicated reserve (1 - 2)	7	3	4	7	10	10	21	16	13	13	12	...	...	...
4. Indicated reserve expressed as a % of total firm demand	50.0	15.8	21.1	36.8	33.3	32.2	61.8	41.0	30.2	29.5	26.7	...	...	...
<u>CANADA</u>														
1. Gross capability	9,384	14,152	15,039	16,469	18,628	20,205	22,340	23,163	24,196	25,553	26,530	48.5	18.8	76.4
2. Total firm demand on Canada	8,706	12,702	13,862	14,816	15,720	16,353	17,430	18,460	19,760	20,882	22,111	25.7	26.9	59.5
3. Indicated reserve (1 - 2)	678	1,450	1,177	1,653	2,908	3,852	4,910	4,703	4,436	4,671	4,419	...	...	...
4. Indicated reserve expressed as a % of total firm demand	7.8	11.4	8.5	11.2	18.5	23.5	28.2	25.5	22.4	22.4	20.0	...	...	...

(1) Gross capability (Table 1, item 1 + 2) less total firm demand on the provinces (Table 1, item 7 + 3).

... Figures not appropriate or not applicable.



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The Policy Sub-Committee serves as an over-all co-ordinating agency for these surveys, the connecting link between the Dominion Bureau of Statistics, The Canadian Electrical Association and the interests of the electric power utility industry-at-large.

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