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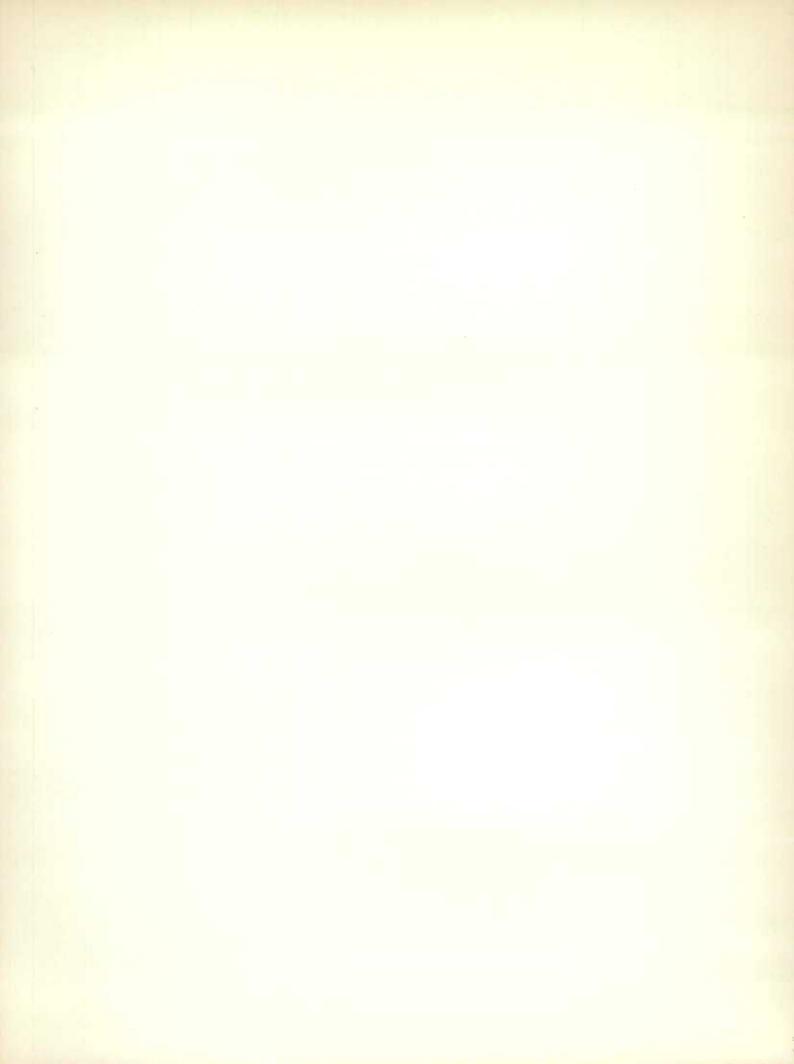
Fourth ANNUAL ELECTRIC POWER SURVEY OF CAPABILITY AND LOAD

March, 1958

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Fourth

ANNUAL ELECTRIC POWER SURVEY OF CAPABILITY AND LOAD

March, 1958

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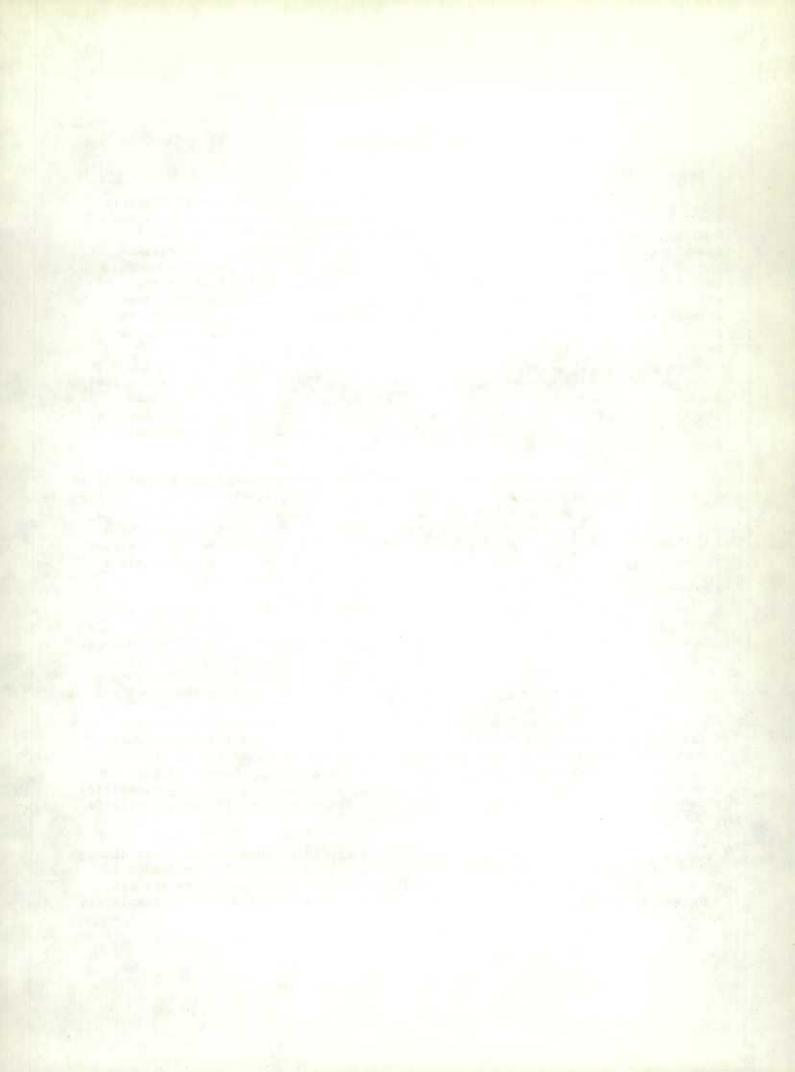
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TABLE OF CONTENTS

		Page
Introduction	on	1
Review of S	Survey Results	2
Definitions	s	5
Chart A:	Net Generating Capability within Canada, 1950 through 1961	6
Chart B:	Net Capability and Firm Demand within Canada, 1950 through 1961	7
Chart C:	Net Generating Capability within Provinces, 1950 through 1961	9
Chart D:	Net Capability and Firm Demand within Provinces, 1950 through 1961	10
Chart E:	Firm Energy Requirement within Canada, 1950 through 1961	12
Table 1:	Summary by Provinces and Canada, 1950, 1952 through 1961	13
Table II:	Net Generating Capability within Provinces, 1950, 1952 through 1961	25
Table III:	Firm Power Peak Load Within Provinces, 1950, 1952 through 1961	26
Table IV:	Firm Energy Requirement within Provinces 1950, 1952 through 1961	27
Table V:	Indicated Reserve, 1950, 1952 through 1961	28
Canadian E	lectrical Association Policy Sub-Committee	31
Surveys Sul	o-Committee	32



Introduction

This report presents the results of the fourth annual Electric Power Survey of Capability and Load which was conducted in March 1958 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 1958 report is based on returns from 128 companies, half of which are utilities and the other half industrial establishments which generate power primarily for own use. As these 128 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 1952 - 1961 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, load being calculated in terms of contractual commitments for firm power.

Generating capability is the maximum output that can be maintained at time of annual firm power peak load. Net generating capability refers to the amount left 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 V). 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.

Presenting the power situation within Canada and within the individual provinces provides a measure of the growth of the industry within geographic areas and is of interest in measuring 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: Total net generating capability in Canada rose 9.9 per cent between 1956 and 1957 to 16,469,000 kilowatts from 14,983,000. Further annual increases totalling 42.6 per cent over the next four years are expected to result in a net generating capability in 1961 of 23,484,000 kilowatts, The proportion of thermal generation to the total is expected to rise from 14.1 per cent in 1957 to 21.1 per cent in 1961.

Companies reporting for the first time this year accounted for 134,000 kilowatts or .8 per cent of total 1957 net generating capability.

Firm Power Peak Load: Firm power peak load within Canada stood at 14,925,000 kilowatts in 1957, an increase of 7.2 per cent over the 1956 total of 13,917,000. The forecast for 1961 is 19,526,000 kilowatts, an estimated rise of 30.8 per cent.

Indicated Reserve: The indicated reserve for Canada rose to 1,394,000 kilowatts from 975,000 in 1956. By 1961, it will have risen to 3,851,000 kilowatts, a reserve equivalent to 16.4 per cent of net capability as compared with this year's 8.5 per cent.

Firm Energy Requirement: The increase over 1956 was not as large as forecast one year ago. A gain of 5.0 per cent raised the firm energy requirement to 86,-333,000,000 kilowatt hours, an amount considerably less than the 91,834,000,000 kilowatt hours forecast. Firm energy requirement is now expected to increase to 114,478,000,000 kilowatt hours by 1961, a level approximating that forecast for 1960 one year ago.

Table 1 - Summary (Pages 13 to 24): This table presents capability, firm power peak load, indicated reserve and firm energy requirement summarized for Canada and for each of the provinces.

Table 2 - Net Generating Capability Within Provinces (Page 25): Net generating capability is presented in this table by province. The growth over the last four years for most provinces has been quite impressive, the gain of 107.8 per cent in British Columbia being the largest. Between 1953 and 1957 the growth in Canada as a whole amounted to 4,566,000 kilowatts, a gain of 38.4 per cent. During the next four years an indicated growth of 42.6 per cent will add 7,015,000 kilowatts to net generating capability resulting in an overall increase for the period 1953-1961 of 97.3 per cent. Growth in the individual provinces will during the period vary from a low of 41.5 per cent in Newfoundland to 198.1 per cent in British Columbia.

Table III - Firm Power Peak Load Within Provinces (Page 26): Actual and forecast data on firm power peak load indicate an increase within Canada between 1953 and 1961 of 8,896,000 kilowatts or 83.7 per cent. Whereas the increase in demand between 1953 and 1957 amounted to 4,292,000 kilowatts or 40.4 per cent the increase estimated for the next four years is 4,604,000 kilowatts or 30.8 per cent.

Table IV - Firm Energy Requirement Within Provinces (Page 27): Kilowatt hours needed to meet the firm energy requirement within the country totalled

86,333,000,000 in 1957, an increase of 22,893,000,000 or 36.1 per cent over the 1953 total of 63,440,000,000. By 1961 the firm energy requirement is expected to reach 114,478,000,000 kilowatt hours following a further four-year increase of 32.6 per cent.

Table V - Indicated Reserve (Page 28): 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.

For Canada as a whole the reserve is expected to rise from a low of 6.9 per cent in 1956 to a high of 23.2 per cent in 1960. In 1957 it was 1,394,000 kilowatts or 9.2 per cent. Reserves for individual provinces in 1957 varied from a high of 78.6 per cent in Prince Edward Island to a low of 2.5 per cent in Ontario. Since not all systems are fully interconnected, it should be remembered that reserves of power cannot always be completely utilized.

Charts: On pages 6 to 12, five charts are presented to show results of the survey of the electric power industry in Canada in graphic form.

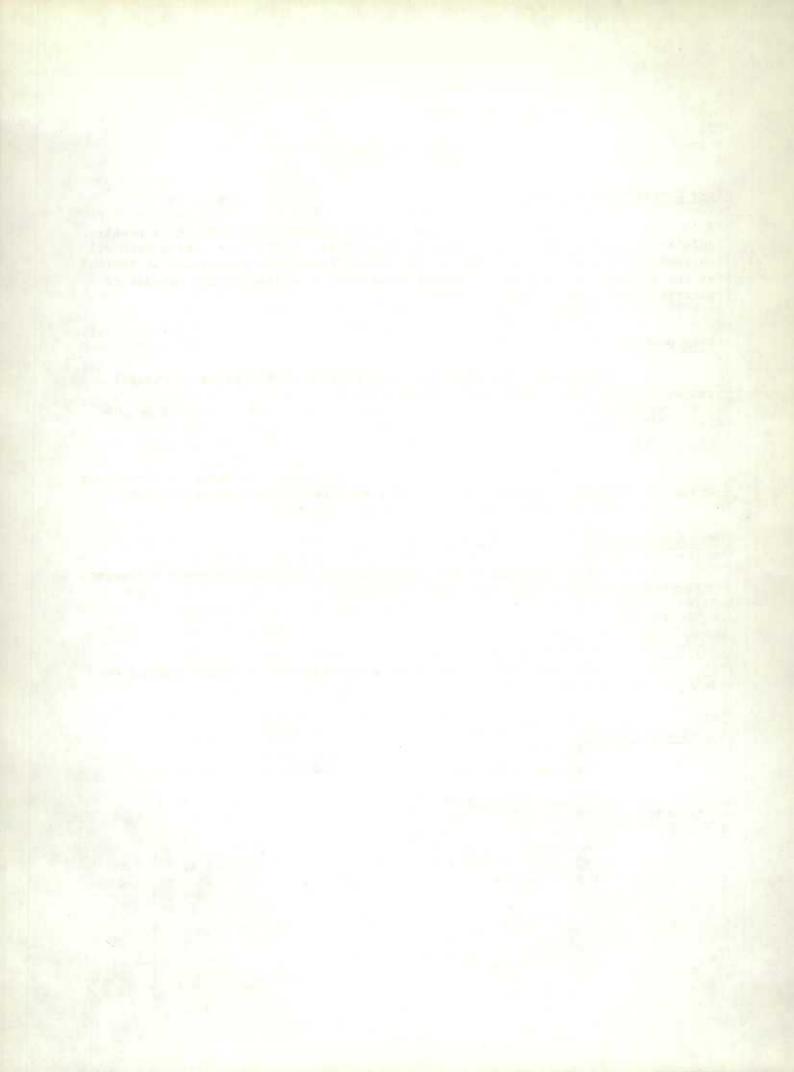
Chart A - Net Generating Capability Within Canada (Page 6): This chart portrays the rapid growth in ability to produce power and shows the extent to which thermal generation is becoming increasingly important. Total thermal generation is expected to increase from 1,720,000 kilowatts or 14.5 per cent of the net generating capability within Canada in 1953 to 4,959,000 kilowatts or 21.1 per cent in 1961.

Chart B - Net Capability and Firm Demand Within Canada (Page 7): 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 8 - 9): This chart presents for each of the provinces, the information contained in Chart A. It illustrates the comparative importance of thermal and hydro generation within provinces.

Chart D - Net Capability and Firm Demand Within Provinces (Pages 10 - 11): The fourth 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 12): This is an illustration of the growth in Canadian firm energy requirements by years for the period 1950 to 1961.



DEFINITIONS

NET GENERATING CAPABILITY

The maximum net kilowatt output (after station service) available from the generating facilities of the company, utility or system 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.

FIRM POWER

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

NET CAPABILITY

The sum of net generating capability and purchases of firm power under firm obligation less deliveries of firm power under firm obligation.

FIRM OBLIGATIONS

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

FIRM POWER PEAK LOAD

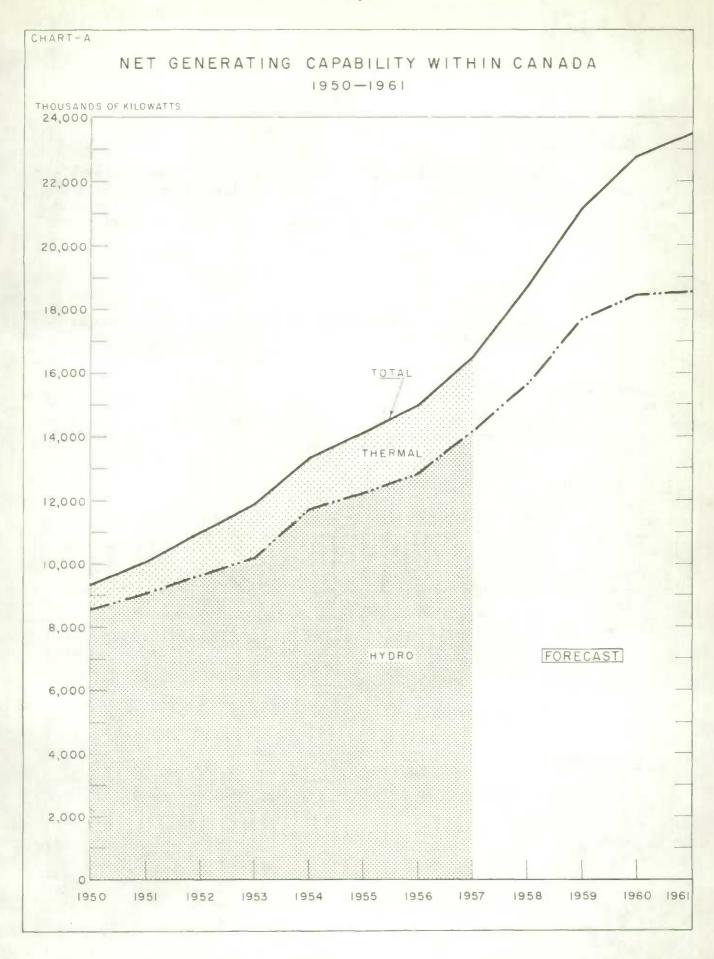
The annual firm power maximum average net kilowatt load of one hour duration within the company, utility or system.

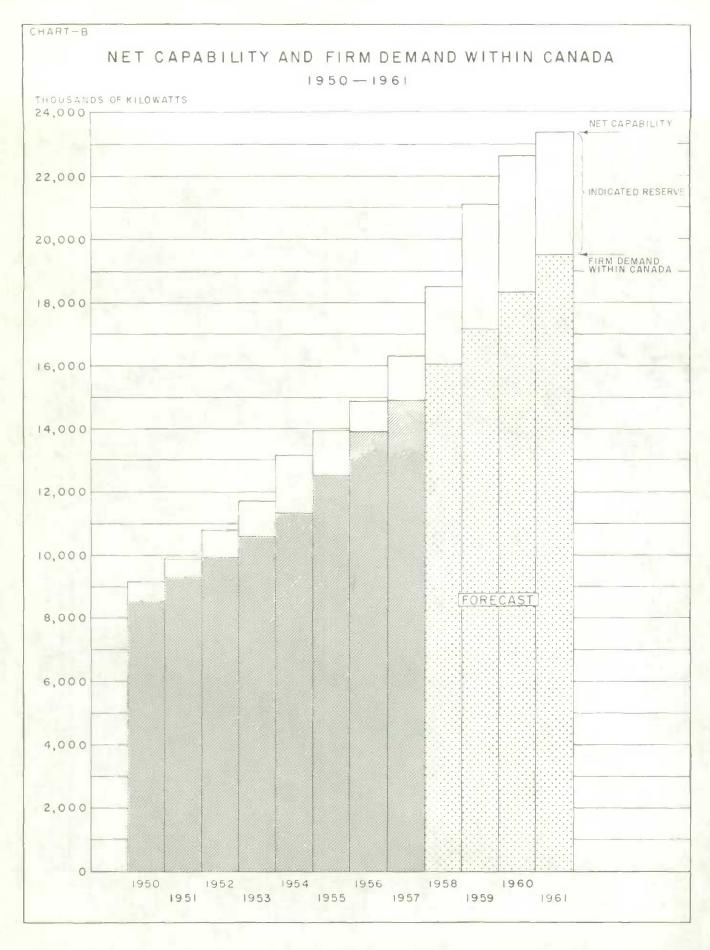
INDICATED DEMAND

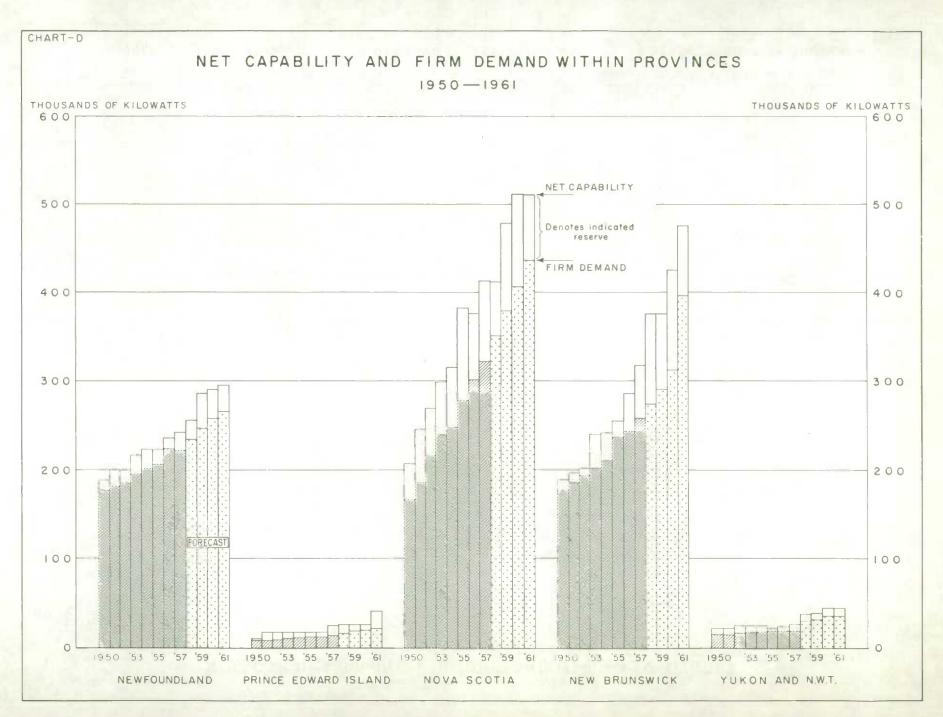
The sum of firm power peak load and indicated shortage.

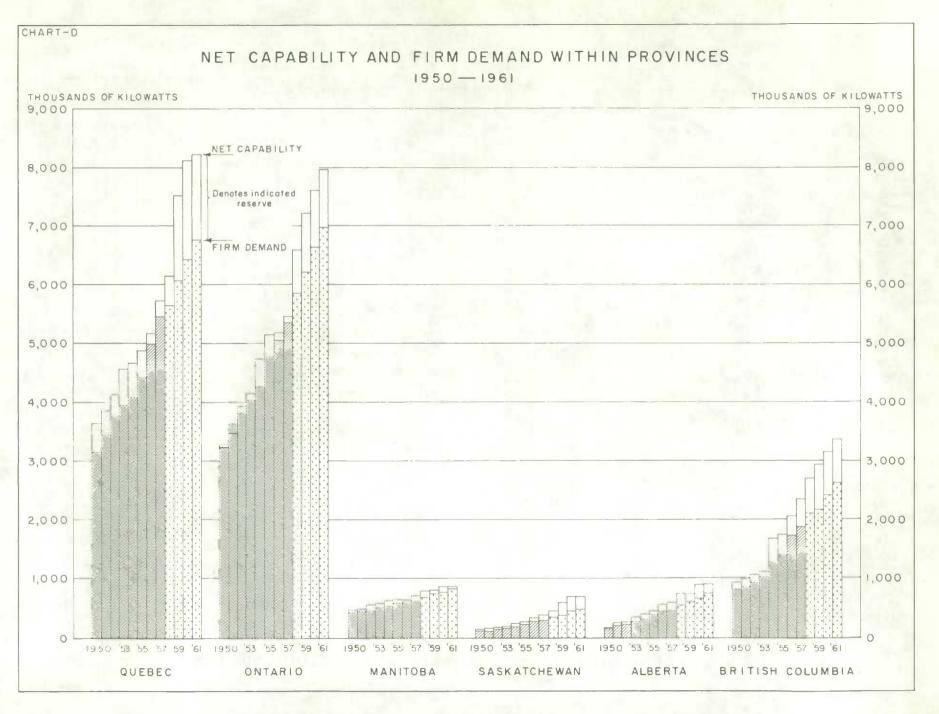
INDICATED RESERVE

Net capability less indicated demand (+ or -).









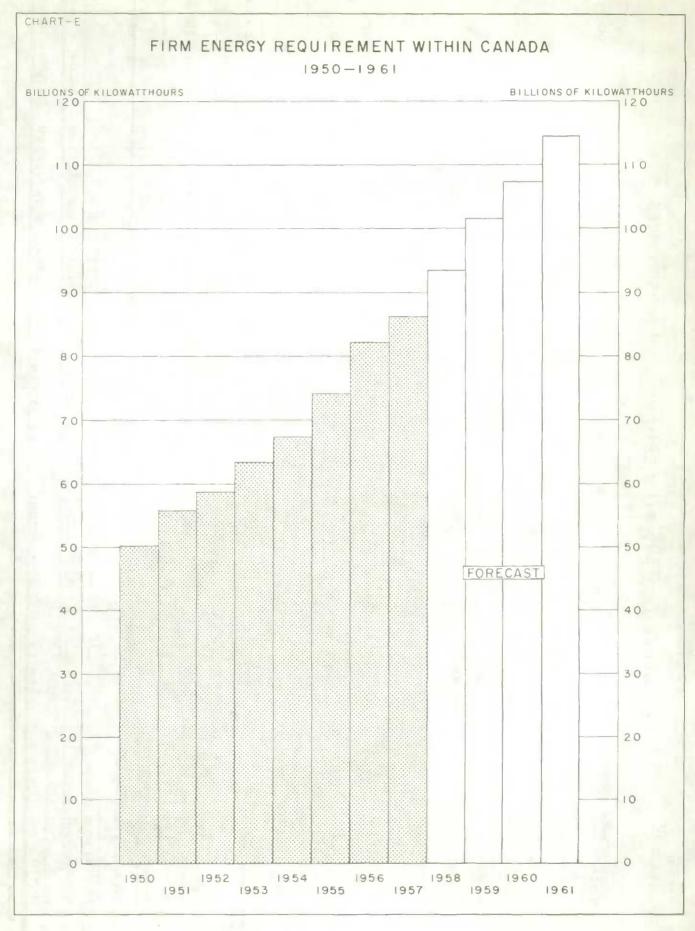


TABLE I

SUMMARY - CANADA*

		1950	1952	1953	1954	1955	1956	1957		FOR	ECAST	
		1750	1774	1,7,3	1934	1933	1930	1937	1958	1959	1960	1961
	BILITY:											
1.	Net generating capability:											
	(a) Hydro (b) Thermal	8,575 788	9,673 1,331	10,183	11,719	12,211	12,841 2,142	14,143 2,326	15,653 3,052	17,702 3,464	18,465 4,323	18,525 4,959
2.	Receipts of firm power from:											
	(a) Other provinces (b) United States	-	-	7	- 4	5	56	-	-	-		-
3.	Deliveries of firm power to:											
	(a) Other provinces (b) United States	176	178	177	176	166	147	150	150	150	149	104
4.	Net capability (1 + 2 - 3)	9,187	10,826	11,726	13,156	13,986	14,892	16,319	18,555	21,016	22,639	23,380
						ACTU	A L			FOR	ECAST	
FIRM	POWER PEAK LOAD:											
5.	Within Canada	8,313	9,941	10,553	11,355	12,472	13,870	14,923	16,043	17,146	18,345	19,529
6.	Indicated shortage	217	3	80	4	64	47	2	-	-	III -	-
7.	Indicated demand within Canada (5 + 6)	8,530	9,944	10,633	11,359	12,536	13,917	14,925	16,043	17,146	18,345	19,529
INDI	CATED RESERVE:											
8.	Difference (4 - 7)	+ 657	+ 882	+ 1,093	+ 1,797	+ 1,450	+ 975	+ 1,394	+ 2,512	+ 3,870	+ 4,294	+ 3,851
					MI	LLIONS	OF KI	LOWATT	HOURS			
FIRM	ENERGY REQUIREMENT:											
9.	Firm energy requirement within Canada	49,635	58,760	63,437	67,331	73,754	80,679	85,697	93,682	101,635	108,236	114,478
10.	Indicated shortage	378	46	3	11	378	1,546	636	-	-	-	-
11.	Indicated firm energy requirement within Canada (9 + 10)	50,013	58,806	63,440	67,342	74,132	82,225	86,333	93,682	101,635	108,236	114,478
12.	Deliveries of firm energy to:	-										
	(a) Other provinces (b) United States	1,418	1,398	1,378	1,357	1,332	1,226	1,172	1,160	1,157	1,154	964
	(c) Total (a + b)	1,418	1,398	1,378	1,357	1,332	1,226	1,172	1,160	1,157	1,154	964
13.	Firm energy requirement on Canada (11 + 12)	51,431	60,204	64,818	68,699	75,464	83,451	87,505	94,842	102,792	109,390	115,442

^{*} Revised figures for earlier years are explained on pages 18, 19 and 21.

TABLE I

SUMMARY - NEWFOUNDIAND (including Labrador)

		1950	1952	1953	1954	1955	1956	1957		FORE	CAST	
		1950	1952	1953	1934	1933	1930	1937	1958	1959	1960	1961
CAPAE	LLITY:											
1.	Net generating capability:											
	(a) Hydro (b) Thermal	176 12	188 12	202 15	207 16	207 16	215 27	220 29	233 29	247 45	258 45	261 46
2.	Receipts of firm power from:											
	(a) Other provinces (b) United States	-	-	1	-	-	-	***	-	-		-
3.	Deliveries of firm power to:											
	(a) Other provinces (b) United States	un m	-	en 10	-	-	6 -	6	6	6	13	13
4.	Net capability (1 + 2 - 3)	188	200	217	223	223	236	243	256	286	290	294
					ACTUA	L				FORE	CAST	
IRM	POWER PEAK LOAD:											
5.	Within province	177	186	195	201	206	222	222	234	247	258	260
6.	Indicated shortage	-	-	-	1	1	2	-	-	-		
7.	Indicated demand within province (5 + 6)	177	186	195	202	207	224	222	234	247	258	260
INDIC	CATED RESERVE:											
8.	Difference (4 - 7)	+ 11	+ 14	+ 22	+ 21	+ 16	+ 12	+ 21	+ 22	+ 39	+ 32	+ 21
					MIL	LIONS	OF KIL	OWATT	HOURS			
IRM	ENERGY REQUIREMENT:											
9.	Firm energy requirement within province	1,058	1,157	1,190	1,225	1,289	1,374	1,333	1,461	1,526	1,616	1,72
10.	Indicated shortage	-	-	-	9	10	-	-	-	-	-	
11.	Indicated firm energy requirement within province (9 + 10)	1,058	1,157	1,190	1,234	1,299	1,374	1,333	1,461	1,526	1,616	1,72
12.	Deliveries of firm energy to:											
	(a) Other provinces (b) United States	**	-	-	-	-	31	46	51	57	93	9
	(c) Total (a + b)	-	-	-	-	-	31	46	51	57	93	9
13.	Firm energy requirement on the province (11 + 12)	1,058	1,157	1,190	1,234	1,299	1,405	1,379	1,512	1,583	1,709	1,81

TABLE I

SUMMARY - PRINCE EDWARD ISLAND

Thousands of kilowatts

		1000		.053	. 05/	1005	1956	1957		FORE	CAST	
		1950	1952	1953	1954	1955	1936	1937	1958	1959	1960	1961
CAPAI	BILITY:											
1.	Net generating capability:											
	(a) Hydro (b) Thermal	10	18	18	18	18	18	25	26	26	26	41
2.	Receipts of firm power from:											
	(a) Other provinces (b) United States	1, 1	-	-		-	-	-	-	-	-	
3.	Deliveries of firm power to:											
	(a) Other provinces (b) United States	-	-	-	-		-	-		-	-	-
4.	Net capability (1 + 2 - 3)	10	18	18	18	18	18	25	26	26	26	41
					ACTUA	L				FORE	CAST	
FIRM	POWER PEAK LOAD:											
5.	Within province	8	9	10	11	12	12	14	16	18	19	21
6.	Indicated shortage	-			-	-			-	-	-	-
7.	Indicated demand within province (5 + 6)	8	9	10	11	12	12	14	16	18	19	21
INDI	CATED RESERVE:											
8.	Difference (4 - 7)	+ 2	+ 9	+ 8	+ 7	+ 6	+ 6	+ 11	+ 10	+ 8	+ 7	+ 20
					MIL	LIONS	OF KIL	OWATT	HOURS			
FIRM	ENERGY REQUIREMENT:											
9.	Firm energy requirement within province	31	37	41	46	51	53	60	63	67	74	80
10.	Indicated shortage	-	-	-		-	-	-	-	-	-	
11.	Indicated firm energy requirement within province (9 + 10)	31	37	41	46	51	53	60	63	67	74	80
12.	Deliveries of firm energy to:		· · · · · · · · · · · · · · · · · · ·									
	(a) Other provinces (b) United States	-	-	-		-	-	-	-	-	-	
	(c) Total (a + b)		-	-	66	-	-	-	-	-	-	
13.	Firm energy requirement on the province (11 + 12)	31	37	41	46	51	53	60	63	67	74	80

- 15

TABLE I

SUMMARY - NOVA SCOTIA

Thousands of kilowatts

		1950	1952	1953	1954	1955	1956	1957		FORE	CAST	
		1930	1902	1933	1934	1933	1930	1937	1958	1959	1960	1961
CAPAE	BILITY:											
1.	Net generating capability:											
	(a) Hydro (b) Thermal	113 96	117 154	124 176	130 188	136 248	136 242	126 289	126 288	126 355	145 370	145 370
2.	Receipts of firm power from:											
	(a) Other provinces (b) United States	-	-	-			49	-	1 :	-	-	-
3.	Deliveries of firm power to:											
	(a) Other provinces (b) United States	2	2	2	2	2 -	2	2	2 -	3 -	3	4
4.	Net capability (1 + 2 - 3)	207	269	298	316	382	376	413	412	478	512	511
			· · · · · · · · · · · · · · · · · · ·		ACTUA	L				FORE	CAST	
FIRM	POWER_PEAK_LOAD:											
5,	Within province	163	213	235	245	278	301	322	350	379	406	436
6.	Indicated shortage	4	2	4	3		-	_	-	-	-	-
7.	Indicated demand within province (5 + 6)	167	215	239	248	278	301	322	350	379	406	436
INDIC	CATED RESERVE:			- · · -								
	Difference (4 - 7)	+ 40	+ 54	+ 59	+ 68	+ 104	+ 75	+ 91	+ 62	+ 99	+ 106	+ 75
					MIL	LIONS	OF KIL	OWATT	HOURS			
FIRM	ENERGY REQUIREMENT:											
9.	Firm energy requirement within province	891	1,122	1,211	1,277	1,357	1,486	1,466	1,630	1,737	1,844	1,967
10.	Indicated shortage	-			60	_		-	-	-		
II.	Indicated firm energy requirement within province (9 + 10)	891	1,122	1,211	1,277	1,357	1,486	1,466	1,630	1,737	1,844	1,967
12.	Deliveries of firm energy to:	2										
	(a) Other provinces (b) United States	6	7	7 ~	7 -	8	8	8	10	11	12	13
	(c) Total (a + b)	6	7	7	7	8	8	8	10	11	12	13
13.	Firm energy requirement on the province (11 + 12)	897	1,129	1,218	1,284	1,365	1,494	1,474	1,640	1,748	1,856	1,980

- 16

TABLE I

SUMMARY - NEW BRUNSWICK

		1050	1052	1062	1954	1955	1956	1957		FORE	CAST	
		1950	1952	1953	1934	1933	1930	1371	1958	1959	1960	1961
CAPAB	ILITY:											
	Net generating capability:											
	(a) Hydro (b) Thermal	90 102	92 114	112 132	112 132	112 144	112 174	148 173	184 193	184 193	184 243	184 293
2.	Receipts of firm power from:											
	(a) Other provinces (b) United States	2 -	2	2	2	4	5	5	5 -	5	5 -	5
3.	Deliveries of firm power to:											
	(a) Other provinces (b) United States	5	7	6	5	5	5	8	8	8	7	7
4.	Net capability (1 + 2 - 3)	189	201	240	241	255	286	318	374	374	425	475
					ACTUA	L				FORE	CAST	
FIRM	POWER PEAK LOAD:											
5.	Within province	177	193	201	210	235	243	258	273	290	312	395
6.	Indicated shortage	-	-		**	1	-	-	-		-	-
7.	Indicated demand within province (5 + 6)	177	193	201	210	236	243	258	273	290	312	395
INDIC	CATED RESERVE:											
8.	Difference (4 - 7)	+ 12	+ 8	+ 39	+ 31	+ 19	+ 43	+ 60	+ 101	+ 84	+ 113	+ 80
					MIL	LIONS	OF KIL	OWATT	HOURS			
FIRM	ENERGY REQUIREMENT:											
9.	Firm energy requirement within province	961	1,024	1,044	1,189	1,237	1,262	1,333	1,463	1,552	1,695	2,266
10.	Indicated shortage	-		-	-	-	-	56	-	-	-	
11.	Indicated firm energy requirement within province (9 + 10)	961	1,024	1,044	1, 189	1,237	1,262	1,389	1,463	1,552	1,695	2,266
12.	Deliveries of firm energy to:											
	(a) Other provinces (b) United States	41	33	36	59	33	32	29	28	25	22	19
	(c) Total (a + b)	41	33	36	59	33	32	29	28	25	22	19
13.	Firm energy requirement on the province (11 + 12)	1,002	1,057	1,080	1,248	1,270	1,294	1,418	1,491	1,577	1,717	2,285

TABLE I

SUMMARY - QUEBEC

Thousands of kilowatts

		1950	1952	1953	1954	1955	1956	1957		FORE	CAST	
		1930	1932	1933	1934	1933	1930	1937	1958	1959	1960	1961
CAPAI	BILITY:											
1.	Net generating capability:											
	(a) Hydro (b) Thermal	4,370 26	4,877	5,300 35	5,378 35	5,583 36	5,854 36	6,406 55	6,827 58	8,223 60	8,796 60	8,892 70
2.	Receipts of firm power from:											
	(a) Other provinces (b) United States	1 -	1_	1 -	1 4	1 5	7 4	7	7 -	7	14	14
3.	Deliveries of firm power to:											
	(a) Other provinces*(b) United States	732 56	736 56	737 56	719 56	729 56	691 56	694 56	695 56	697 56	700 56	702 56
4.	Net capability (1 + 2 - 3)	3,609	4,114	4, 543	4,643	4,840	5,154	5,718	6,141	7,537	8,114	8,218
					ACTUA	L				FORE	CAST	
FIRM	POWER PEAK LOAD:											
5.	Within province	3,174	3,752	3,951	4,092	4,367	4,951	5,475	5,642	6,072	6,413	6,750
6.	Indicated shortage	-	-	4	-	44	44	2	-	-	49	
7.	Indicated demand within province (5 + 6)	3,174	3,752	3,955	4,092	4,411	4,995	5,477	5,642	6,072	6,413	6,750
INDIC	CATED RESERVE:											
8.	Difference (4 - 7)	+ 435	+ 362	+ 588	+ 551	+ 429	+ 159	+ 241	+ 499	+ 1,465	+ 1,701	+ 1,468
					MIL	LIONS	OF KII	OWATT	HOURS			
FIRM	ENERGY REQUIREMENT:											
9.	Firm energy requirement within province	20,442	24,469	26,711	27,954	29,479	31,088	31,845	35,071	39,159	41,481	43,149
10.	Indicated shortage	123	37	1	1	362	1,546	540	-	-	-	
11.	Indicated firm energy requirement within province (9 + 10)	20,565	24,506	26,712	27,955	29,841	32,634	32,385	35,071	39,159	41,481	43,149
12.	Deliveries of firm energy to:											,
	(a) Other provinces* (b) United States	4,425	4,456 491	4,434 490	4,331 490	4,260 490	4,117 491	4,075 485	4,090 485	4,108 485	4,120 485	4,137 485
	(c) Total (a + b)	4,915	4,947	4,924	4,821	4,750	4,608	4,560	4,575	4,593	4,605	4,622
13.	Firm energy requirement on the province (11 + 12)	25,480	29,453	31,636	32,776	34,591	37,242	36,945	39,646	43,752	46,086	47,771

^{*} Includes deliveries supplied from Cedars on a short term basis. Figures for earlier years revised

TABLE I

SUMMARY - ONTARIO

Thousands of kilowatts

		1950	1952	1953	1954	1955	1956	1957		FORE	CAST	
		2750		1933		1900	1950	1907	1958	1959	1960	1961
CAPA	BILITY:											
1.	Net generating capability:											
	(a) Hydro (b) Thermal	2,367 199	2,672 590	2,684 809	3,481 607	3,688 800	3,778 787	4, 145 787	5,014 992	5,431 1,189	5,431 1,567	5,353 1,960
2.	Receipts of firm power from:								21			
	(a) Other provinces** (b) United States	741	745	746	732	741	702	658	671	696	698	700
3.	Deliveries of firm power to:											
	(a) Other provinces (b) United States	1 85	1 85	1 85	1 85	1 85	1 86	1 86	1 86	1 86	1 86	1 41
4.	Net capability (1 + 2 - 3)	3,221	3,921	4,153	4,734	5,143	5,180	5,503	6,590	7,229	7,609	7,971
					ACTUA	L				FORE	CAST	
FIRM	POWER PEAK LOAD:											
5.	Within province	3,078	3,803	3,969	4,261	4,757	5,064	5,369	5,828	6,209	6,616	6,980
6.	Indicated shortage	213	1	60	-	18			-		-	-
7.	Indicated demand within province (5 + 6)	3,291	3,804	4,029	4,261	4,775	5,064	5,369	5,828	6,209	6,616	6,980
INDI	CATED RESERVE:											
8.	Difference (4 - 7)	- 70	+ 117	+ 124	+ 473	+ 368	+ 116	+ 134	+ 762	+ 1,020	+ 993	+ 991
					MII	LIONS	OF KII	OWATT	HOURS			
FIRM	ENERGY REQUIREMENT:											
9.	Firm energy requirement within province	18,016	21,630	22,985	23,928	26,376	28,875	30,768	33,063	35,196	37,545	39,422
10.	Indicated ahortage	255	9	2	1	6	40		-	_	-	-
11.	Indicated firm energy requirement within province (9 + 10)	18,271	21,639	22,987	23,929	26,382	28,875	30,768	33,063	35,196	37,545	39,422
12.	Deliveries of firm energy to:											
	(a) Other provinces (b) United States	2 703	3 690	3 668	3 624	3 687	4 703	4 658	647	647	4 647	4 460
	(c) Total (a + b)	705	693	671	627	690	707	662	651	651	651	464
13.	Firm energy requirement on the province (11 + 12)	18,976	22,332	23,658	24,556	27,072	29,582	31,430	33,714	35,847	38,196	39,886

^{**} Quebec power sold to the United States but diverted to Ontario at Cedars formerly treated as imported from United States now treated as received from Quebec. Figures for earlier years revised.

- 19 -

TABLE I

SUMMARY - MANITOBA

						10-5	105/	1957		FORE	CAST	
		1950	1952	1953	1954	1955	1956	1937	1958	1959	1960	1961
	ILITY:			T II					-			
1.	Net generating capability: (a) Hydro (b) Thermal	418	487 10	487 23	522 46	547 46	556 46	561 78	561 168	561 168	561 231	56 23
2.	Receipts of firm power from:											
	(a) Other provinces (b) United States	68	79	79 -	80	79	64	69	69	74	74	7
3,	Deliveries of firm power to:											
	(a) Other provinces (b) United States	9	9	9	13	14	14	14	-	-	-	
4.	Net capability (1 + 2 - 3)	487	567	580	635	658	652	694	798	803	866	86
					ACTUA	L				FORE	CAST	
IRM	POWER PEAK LOAD:											
5.	Within province	419	460	512	533	594	605	608	685	730	770	8
6.	Indicated shortage	-	-	-	-	-		-	-	*	-	
7.	Indicated demand within province (5 + 6)	419	460	512	533	594	605	608	685	730	770	8
INDIC	CATED RESERVE:											
8.	Difference (4 - 7)	+ 68	+ 107	+ 68	+ 102	+ 64	+ 47	+ 86	+ 113	+ 73	+ 96	+
			- :: :: :: = = = = = = = = = = = = = = =		MIL	LIONS	OF KIL	OWATT	HOURS			
IRM	ENERGY REQUIREMENT:*											
9.	Firm energy requirement within province	2,218	2,559	2,705	2,886	3,122	3,414	3,435	3,634	3,884	4,084	4,2
10.	Indicated shortage	-	•	-	-	-	-	-	-		-	
11.	Indicated firm energy requirement within province (9 + 10)	2,218	2,559	2,705	2,886	3,122	3,414	3,435	3,634	3,884	4,084	4,2
12.	Deliveries of firm energy to:											
	(a) Other provinces (b) United States	79	79	79 -	114	114	94	136	70	30	30	
	(c) Total (a + b)	79	79	79	114	114	94	136	70	30	30	
13.	Firm energy requirement on the province (11 + 12)	2,297	2,638	2,784	3,000	3,236	3,508	3,571	3,704	3,914	4,114	4,3

^{*} See note on page 21.

- 21

FOURTH ANNUAL ELECTRIC POWER SURVEY OF CAPABILITY AND LOAD

TABLE I

SUMMARY - SASKATCHEWAN

		1950	1952	1953	1954	1955	1956	1957		FORE	CAST	
		1930	1932	1933	1934	1900	1930	1937	1958	1959	1960	1961
CAPAI	BILITY:											
1.	Net generating capability:											
	(a) Hydro (b) Thermal	85 129	85 172	85 197	85 243	82 257	82 320	87 376	87 455	87 587	87 679	87 679
2.	Receipts of firm power from:											
	(a) Other provinces (b) United States	-	-	4:	-	m 46		-	1 -	2	-	-
3.	Deliveries of firm power to:											
	(a) Other provinces (b) United States	68	79	79	80	79	64	7 2 -	72	77	77	77
4.	Net capability (1 + 2 - 3)	146	178	203	248	260	338	391	471	599	689	689
					ACTUA	L				FORE	CAST	
FIRM	POWER PEAK LOAD:											
5.	Within province	128	144	169	196	227	278	299	342	389	440	493
6.	Indicated shortage				-	-		-	-			-
7.	Indicated demand within province (5 + 6)	128	144	169	196	227	278	299	342	389	440	493
INDI	CATED RESERVE:						-				· · · · · · · · · · · · · · · · · · ·	
8.	Difference (4 - 7)	+ 18	+ 34	+ 34	+ 52	+ 33	+ 60	+ 92	+ 129	+ 210	+ 249	+ 196
					MIL	LIONS	OF KIL	OWATT	HOURS			
FIRM	ENERGY REQUIREMENT:*											
9.	Firm energy requirement within province	405	550	629	742	877	1,047	1,276	1,458	1,650	1,859	2,083
10.	Indicated shortage	-	-	~	-	-		-	-	-	-	-
11.	Indicated firm energy requirement within province (9 + 10)	405	550	629	742	877	1,047	1,276	1,458	1,650	1,859	2,083
12.	Deliveries of firm energy to:											
	(a) Other provinces (b) United States	500	542	559	558	571	554	503	503	553	553	553
	(c) Total (a + b)	500	542	559	558	571	554	503	503	553	553	553
13.	Firm energy requirement on the province (11 + 12)	905	1,092	1,188	1,300	1,448	1,601	1,779	1,961	2,203	2,412	2,636

^{*} Figures revised, transferring to Manitoba some energy requirement formerly included with Saskatchewan in error.

TABLE I

SUMMARY - ALBERTA

		1000	1052	1052	1954	1955	1956	1957		FORE	CAST	
		1950	1952	1953	1934	1933	1330	1937	1958	1959	1960	1961
CAPAE	ILITY:											
1.	Net generating capability:											
	(a) Hydro (b) Thermal	83 108	162 119	162 187	202 194	220 238	220 338	238 350	238 494	238 500	318 575	318 578
2.	Receipts of firm power from:											
	(a) Other provinces (b) United States	-	-	1	4 -	-	4 -	<i>L</i> _b =	4 -		-	-
3.	Deliveries of firm power to:											
	(a) Other provinces (b) United States	3 -	7	8 -	-	3	-	-	-	-	-	6
4.	Net capability (1 + 2 - 3)	188	274	341	400	455	562	592	736	736	893	896
					ACTUA	L				FORE	CAST	
FIRM	POWER PEAK LOAD:											
5.	Within province	176	233	284	313	391	451	476	544	602	665	730
6.	Indicated shortage	ale	-	-	-			-	-	~	-	**
7.	Indicated demand within province (5 + 6)	176	233	284	313	391	451	476	544	602	665	730
INDI	CATED RESERVE:											
8.	Difference (4 - 7)	+ 12	+ 41	+ 57	+ 87	+ 64	+ 111	+ 116	+ 192	+ 136	+ 228	+ 166
					MIL	LIONS	OF KIL	OWATT	HOURS			
FIRM	ENERGY REQUIREMENT:											
9.	Firm energy requirement within province	1,023	1,167	1,372	1,581	1,859	2,180	2,424	2,638	2,857	3,126	3,426
10.	Indicated shortage	-		-	-	-	-		-	-	-	-
11.	Indicated firm energy requirement within province (9 + 10)	1,023	1,167	1,372	1,581	1,859	2,180	2,424	2,638	2,857	3,126	3,426
12.	Deliveries of firm energy to:											
	(a) Other provinces (b) United States	14	30	6	-	-	490 80	in	-	-		-
	(c) Total (a + b)	14	30	6	-	-		-	-	-	-	-
13.	Firm energy requirement on the province (11 + 12)	1,037	1,197	1,378	1,581	1,859	2,180	2,424	2,638	2,857	3,126	3,426

TABLE I

SUMMARY - BRITISH COLUMBIA

Thousands of kilowatts

		1000	1050	1053	1954	1955	1956	1957		FORE	CAST	
		1950	1952	1953	1954	1900	1956	1957	1958	1959	1960	1961
CAPAR	ILITY:											
1.	Net generating capability:											
	(a) Hydro (b) Thermal	852 96	969 114	1,003	1,578 130	1,614	1,866 153	2,187 163	2,347	2,569 339	2,644 524	2,683 688
2.	Receipts of firm power from:											
	(a) Other provinces (b) United States	3	7	8 -	-	3	52	**	_	= -	-	-
3.	Deliveries of firm power to:											
	(a) Other provinces (b) United States	30	30	30	30	20	4	4	4 -	-	-	
4.	Net capability (1 + 2 - 3)	921	1,060	1,109	1,674	1,730	2,067	2,346	2,691	2,908	3,168	3,371
					ACTUA	L				FORE	CAST	
FIRM	POWER PEAK LOAD:											
5.	Within province	799	932	1,010	1,275	1,386	1,724	1,861	2,100	2,178	2,411	2,613
6.	Indicated shortage		-	12	-	-	1	-	-	-		-
7.	Indicated demand within province (5 + 6)	799	932	1,022	1,275	1,386	1,725	1,861	2,100	2,178	2,411	2,613
INDI	CATED RESERVE:											
8.	Difference (4 - 7)	+ 122	+ 128	+ 87	+ 399	+ 344	+ 342	+ 485	+ 591	+ 730	+ 757	+ 758
					MIL	LIONS	OF KII	LOWATT	HOURS			
FIRM	ENERGY REQUIREMENT:											
9.	Firm energy requirement within province	4,523	4,979	5,466	6,414	8,011	9,802	11,642	13,076	13,836	14,735	15,890
10.	Indicated shortage	_	-	-	-	-	~	40	-	4-	da	-
11.	Indicated firm energy requirement within province (9 + 10)	4,523	4,979	5,466	6,414	8,011	9,802	11,682	13,076	13,836	14,735	15,890
12.	Deliveries of firm energy to:											
	(a) Other provinces (b) United States	184	184	184	10 184	10 122	10	9	9	9	9 -	9
	(c) Total (a + b)	184	184	184	194	132	10	9	9	9	9	9
13.	Firm energy requirement on the province (11 + 12)	4,707	5,163	5,650	6,608	8,143	9,812	11,691	13,085	13,845	14,744	15,899

23 -

TABLE I

SUMMARY - YUKON AND NORTH WEST TERRITORIES

		1950	1952	1953	1954	1955	1956	1957		FORE	CAST	
									1958	1959	1960	1961
CAPA	BILITY:								}			
1.	Net generating capability:											
	(a) Hydro (b) Thermal	21	24	24	24	22	22	25 1	36 1	36 2	41 3	41
2.	Receipts of firm power from:											
	(a) Other provinces (b) United States	-	-		_	-	-	-		-	-	-
3.	Deliveries of firm power to:											
	(a) Other provinces (b) United States	-	-	-	-	5	-	-	-	-		-
4.	Net capability (1 + 2 - 3)	21	24	24	24	22	23	26	37	38	44	44
					ACTUA	L				FORE	CAST	
FIRM	POWER PEAK LOAD:											
5,	Within province	14	16	17	18	19	19	19	29	32	35	35
6.	Indicated shortage	-	-	60	-	-	-	_	_	_	-	
7.	Indicated demand within province (5 + 6)	14	16	17	18	19	19	19	29	32	35	35
INDI	CATED RESERVE:						-					
8.	Difference (4 - 7)	+ 7	+ 8	+ 7	+ 6	+ 3	+ 4	+ 7	+ 8	+ 6	+ 9	+ 9
					MILLI	ONS OF	KILOW	ATT HO	URS			
FIRM	ENERGY REQUIREMENT:											
9.	Firm energy requirement within province	67	66	83	89	96	98	115	125	171	177	186
10.	Indicated shortage	-	-		-	**		-	-		-	_
11.	Indicated firm energy requirement within province (9 + 10)	67	66	83	89	96	98	115	125	171	177	186
12.	Deliveries of firm energy to:	·- <u>-</u>									·	
	(a) Other provinces (b) United States	-	-	-		-	-		-		-	_
	(c) Total (a + b)	-	-	-	-	**	-	_	-	-	-	44
13.	Firm energy requirement on the province (11 + 12)	67	66	83	89	96	98	115	125	171	177	186

TABLE II

NET GENERATING CAPABILITY WITHIN PROVINCES*

									FOREC	AST		PE	RCENTAGE CHA	NGE
PROVINCE	1950	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1953- 1957	1957- 1961	1953- 1961
Newfoundland (including Labrador)	188	200	217	223	223	242	249	262	292	303	307	14.7	23.3	41.5
Prince Edward Island	10	18	18	18	18	18	25	26	26	26	41.	38.9	64.0	127.8
Nova Scotia	209	271	300	318	384	378	415	414	481	515	515	38.3	24.1	71.7
New Brunswick	192	206	244	244	256	286	321	377	377	427	477	31.6	48.6	95.5
Quebec	4,396	4,905	5,335	5,413	5,619	5,890	6,461	6,885	8,283	8,856	8,962	21.1	38.7	68.0
Ontario	2,566	3,262	3,493	4,088	4,488	4,565	4,932	6,006	6,620	6,998	7,313	41.2	48.3	109.4
Manitoba	428	497	510	568	593	602	639	729	729	792	792	25.3	23.9	55.3
Saskatchewan	214	257	282	328	339	402	463	542	674	766	766	64.2	65.4	171.6
Alberta	191	281	349	396	458	558	588	732	738	893	896	68.5	52.4	156.7
British Columbia	948	1,083	1,131	1,708	1,747	2,019	2,350	2,695	2,908	3,168	3,371	107.8	43.4	198.1
Yukon and N.W.T.	21	24	24	24	22	23	26	37	38	44	44	8.3	69.2	83.3
Canada	9,363	11,004	11,903	13,328	14,147	14,983	16,469	18,705	21,166	22,788	23,484	38.4	42.6	97.3

^{*} Hydro plus thermal (Table I, item la + lb)

TABLE III

FIRM POWER PEAK LOAD WITHIN PROVINCES*

									FOREC	AST		PE	REENTAGE CHAI	IGE	
PROVINCE	1950	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1953- 1957	1957- 1961	1953- 1961	
lewfoundland (including Labrador)	177	186	195	202	207	224	222	234	247	258	266	13.8	19.8	36.4	
Prince Edward Island	8	9	10	11	12	12	14	16	18	19	21	40.0	50.0	110.0	
lova Scotia	167	215	239	248	278	301	322	350	379	406	436	34.7	35.4	82.4	
ew Brunswick	177	193	201	210	236	243	258	273	290	312	395	28.4	53.1	96.5	
uebec	3,174	3,752	3,955	4,092	4,411	4,995	5,477	5,642	6,072	6,413	6,750	38.5	23.2	70.7	
ntario	3,291	3,804	4,029	4,261	4,775	5,064	5,369	5,828	6,209	6,616	6,980	33.3	30.0	73.2	
lanitoba	419	460	512	533	594	605	608	685	730	770	810	18.8	33.2	58.2	
askatchewan	128	144	169	196	227	278	299	342	389	440	493	76.9	64.9	191.7	
lberta	176	233	284	313	391	451	476	544	602	665	730	67.6	53.4	157.0	
oritish Columbia	799	932	1,022	1,275	1,386	1,725	1,861	2,100	2,178	2,411	2,613	82.1	40.4	155.7	
Yukon and N.W.T.	14	16	17	18	19	19	19	29	32	35	35	11.8	84.2	105.9	
Canada	8,530	9,944	10,633	11,359	12,536	13, 917	14,925	16,043	17,146	18,345	19,529	40.4	30.8	83.7	

^{*} Indicated Firm Demand (Table I, item 7)

TABLE IV

FIRM ENERGY REQUIREMENT WITHIN PROVINCES*

Millions of Kilowatt Hours

									FOREC	AST		PE	RCENTAGE CHA!	NGE
PROVINCE	1950	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1953- 1957	1957- 1961	1953- 1961
Newfoundland (including Labrador)	1,058	1,157	1,190	1,234	1,299	1,374	1,333	1,461	1,526	1,616	1,725	12.0	29.4	45.0
Prince Edward Island	31	37	41	46	51	53	60	63	67	74	80	46.3	33.3	95.1
Nova Scotia	891	1,122	1,211	1,277	1,357	1,486	1,466	1,630	1,737	1,844	1,967	21.1	34.2	62.4
New Brunswick	961	1,024	1,044	1,189	1,237	1,262	1,389	1,463	1,552	1,695	2,266	33.0	63.1	117.0
Quebec	20,565	24,506	26,712	27,955	29,841	32,634	32,385	35,071	39,159	41,481	43,149	21.2	33.2	61.5
Ontario	18,271	21,639	22,987	23,929	26,382	28,875	30,768	33,063	35,196	37,545	39,422	33.8	28.1	71.5
Manitoba**	2,218	2,559	2,705	2,886	3,122	3,414	3,435	3,634	3,884	4,084	4,284	27.0	24.7	58.4
Saskatchewan**	405	550	629	742	877	1,047	1,276	1,458	1,650	1,859	2,083	102.9	63.2	231.2
Alberta	1,023	1,167	1,372	1,581	1,859	2,180	2,424	2,638	2,857	3,126	3,426	76.7	41.3	149.7
British Columbia	4,523	4,979	5,466	6,414	8,011	9,802	11,682	13,076	13,836	14,735	15,890	113.7	36.0	190.7
Yukon and N.W.T.	67	66	83	89	96	9B	115	125	171	177	186	38.6	61.7	124.1
										3				
Canada	50,013	58,806	63,440	67,342	74,132	82,225	86,333	93,682	101,635	108,236	114,478	36.1	32.6	80.5

^{*} Table I item 11. ** Revised

TABLE V

INDICATED RESERVE*

									FOREC	AST		PE	RCENTAGE CHA	NGE
	1950	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1953- 1957	1957- 1961	1953- 1961
lewfoundland (including Labrador)														
 Gross capability Total firm demand on 	188	200	217	223	223	242	249	262	292	303	307	14.7	23.3	41.5
the province	177	186	195	202	207	230	228	240	253	271	279	16.9	22.4	43.1
3. Indicated reserve (1-2) 4. Indicated reserve expressed as a % of total	11	14	22	21	16	12	21	22	39	32	28	XXX	жж	жжж
firm demand	6.2	7.5	11.2	10.4	7.7	5.2	9.2	9.2	15.4	11.8	10.0	xxx	xxx	xxx
Prince Edward Island														
1. Gross capability 2. Total firm demand on	10	18	18	18	18	18	25	26	26	26	41	38.9	64.0	127.8
the province	8	9	10	11	12	12	14	16	18	19	21	40.0	50.0	110.0
3. Indicated reserve (1-2) 4. Indicated reserve expressed as a % of total	2	9	8	7	6	6	11	10	8	7	20	xxx	xxx	xxx
firm demand	25.0	100.0	80.0	63.6	50.0	50.0	78.6	62.5	44.4	36.8	95.2	xxx	xxx	xxx
lova Scotia 1. Gross capability 2. Total firm demand on	209	271	300	318	384	378	415	414	481	515	515	38.3	24.1	71.7
the province	169	217	241	250	280	303	324	352	382	409	440	34.4	35.8	82.6
 Indicated reserve (1-2) Indicated reserve expressed as a % of total 	40	54	59	68	104	75	91	62	99	106	75	xxx	ххх	жж
firm demand	23.7	24.9	24.5	27.2	37.1	24.8	28.1	17.6	25.9	26.0	17.0	ххх	xxx	xxx
New Brunswick														
1. Gross capability 2. Total firm demand on	194	208	246	246	260	291	326	382	382	432	482	32.5	47.9	95.9
the province	182	200	207	215	241	248	266	281	298	319	402	28.5	51.1	94.2
3. Indicated reserve (1-2) 4. Indicated reserve expressed as a % of total	12	8	39	31	19	43	60	101	84	113	80	xxx	XXX	xxx
firm demand	6.6	4.0	18.8	14.4	7.9	17.3	22.6	36.0	28.2	35.4	19.9	xxx	xxx	XXX

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

TABLE V

INDICATED RESERVE*

									FOREC	AST		PE	RCENTAGE CHAI	NGE
	1950	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1953- 1957	1957- 1961	1953- 1961
uebec											0.007		20.0	60.0
1. Gross capability 2. Total firm demand on	4,397	4,906	5,336	5,418	5,625	5,901	6,468	6,892	8,290	8,870	8,976	21.2	38.8	68.2
the province	3,962	4,544	4,748	4,867	5,196	5,742	6,227	6,393	6,825	7,169	7,508	31.1	20.6	58.1
 Indicated reserve (1-2) Indicated reserve expressed as a % of total 	435	362	588	551	429	159	241	499	1,465	1,701	1,468	жж	xxx	жж
firm demand	11.0	8.0	12.4	11.3	8.3	2.8	3.9	7.8	21.5	23.7	19.6	XXX	xxx	XXX
Ontario														
1. Gross capability 2. Total firm demand on	3,307	4,007	4,239	4,820	5,229	5,267	5,590	6,677	7,316	7,696	8,013	31.9	43.3	89.0
the province	3,377	3,890	4,115	4,347	4,861	5,151	5,456	5,915	6,296	6,703	7,022	32.6	28.7	70,6
 Indicated reserve (1-2) Indicated reserve expressed as a % of total 	- 70	117	124	473	368	116	134	762	1,020	993	991	xxx	xxx	xxx
firm demand		3.1	3.1	11.1	7.7	2.3	2.5	12.9	16.2	14.8	14.1	xxx	xxx	жжж
fani toba														
1. Gross capability 2. Total firm demand on	496	576	589	648	672	666	708	798	803	866	866	20.2	22.3	47.0
the province	428	469	521	546	608	619	622	685	730	770	810	19.4	30.2	55.5
3. Indicated reserve (1-2) 4. Indicated reserve expressed as a % of total	68	107	68	102	64	47	86	113	73	96	56	жж	xxx	ххх
firm demand	15.9	22.8	13.1	18.7	10.5	7.6	13.8	16.5	10.0	12.5	6.9	xxx	xxx	xxx
Saskatchewan														
1. Gross capability 2. Total firm demand on	214	257	282	328	339	402	463	543	676	766	766	64.2	65.4	171.6
the province	196	223	248	276	306	342	371	414	466	517	570	49.6	53.6	129.8
3. Indicated reserve (1-2) 4. Indicated reserve expressed as a % of total	18	34	34	52	33	60	92	129	210	249	196	ххх	ххх	ххх
firm demand	20.0	18.8	16.8	21.3	12.0	17.5	24.8	31.2	45.1	48.2	34.4	xxx	xxx	xxx

^{*} Gross capability (Table 1, item 1 + 2) less total firm demand on the provinces (Table 1, item 7 + 3)

TABLE V

INDICATED RESERVE*

									FOREC	AST		PE	RCENTAGE CHAI	NGE
	1950	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1953- 1957	1957- 1961	1953- 1961
Alberta														
1. Gross capability 2. Total firm demand on	191	281	349	400	458	562	592	736	738	893	896	69.6	51.4	156.7
the province	179	240	292	313	394	451	476	544	602	665	730	63.0	53.4	150.0
 Indicated reserve (1-2) Indicated reserve expressed as a % of total 	12	41	57	87	64	111	116	192	136	228	166	XXX	xxx	xxx
firm demand	6.7	17.1	19.5	27.8	16.2	24.6	24.4	35.3	22.6	34.3	22.7	xxx	xxx	xxx
British Columbia														
1. Gross capability	951	1,090	1,139	1,708	1,750	2,071	2,350	2,695	2,908	3,168	3,371	106.3	43.4	196.0
 Total firm demand on the province 	829	962	1,052	1,309	1,406	1,729	1,865	2,104	2,178	2,411	2,613	77.3	40.1	148.4
 Indicated reserve (1-2) Indicated reserve expressed as a % of total 	122	128	87	399	344	342	485	591	730	757	758	xxx	XXX	xxx
firm demand	14.7	13.3	8.3	30.5	24.5	19.8	26.0	28.1	33.5	31.4	29.0	xxx	xxx	xxx
Tukon and N.W.T.														
 Gross capability Total firm demand on 	21	24	24	24	22	23	26	37	38	44	44	8.3	69.2	83.3
the province	14	16	17	18	19	19	19	29	32	35	35	11.8	84.2	105.9
3. Indicated reserve (1-2) 4. Indicated reserve expressed as a 7 of total	7	8	7	6	3	4	7	8	6	9	9	xxx	xxx	жж
firm demand	50.0	50.0	41.2	33.3	15.8	21.1	36.8	27.6	18.8	25.7	25.7	xxx	ххх	ххх
Canada 1. Gross capability	9,363	11,004	11,903	13,332	14,152	15,039	16,469	18,705	21,166	22,788	23,484	38.4	42.6	97.3
2. Total firm demand on Canada	8,706	10,122	10,810	11,535	12,702	14,064	15,075	16,193	17,296	18,494				
3. Indicated reserve (1-2)	657	882	1,093	1,797	1,450	975	1,394	2,512	3,870	4, 294	19,633	39.5	30.2	81.6
 Indicated reserve ex- pressed as a % of total 												xxx	xxx	xxx
firm demand	7.5	8.7	10.1	15.6	11.4	6.9	9.2	15.5	22.4	23.2	19.6	XXX	XXX	xxx

^{*} Gross capability (Table 1, item 1 + 2) less total firm demand on the provinces (Table 1, item 7 + 3)

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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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Members of the Surveys Sub-Committee serve as area representatives. The function of an area representative is primarily to act as the direct liaison between the company representatives in his area and the Dominion Bureau of Statistics on all matters relating to the power survey. For this reason area representatives must have the complete co-operation of company representatives in securing the information required for the power survey.



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