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CONTENTS

	Page
1. Installed Generating Capacity 1967-1968	1
2. Preliminary Electric Energy Statistics, November 1968	3

1. Installed Generating Capacity 1967-1968

Preliminary data indicate that 2,968 megawatts of new generating capacity were installed in Canada during 1968. This is the largest absolute growth of any year in Canada's history. Total capacity at the end of 1968 amounted to 35,934 megawatts, a 9.0% increase over the 1967 year end total of 32,966 megawatts. Hydro installations accounted for 1,609 megawatts of the increase while new thermal capacity amounted to 1,359 megawatts.

The largest increase in capacity was in Ontario where 1,039 megawatts were added. British Columbia added 940 megawatts followed by New Brunswick with 300 megawatts, Saskatchewan with 199 megawatts, Quebec with 192 megawatts, Newfoundland with 137 megawatts and Manitoba with 124 megawatts.

The greatest increases in hydro capacity were in the British Columbia Hydro and Power Authority's Portage Mountain Plant (681 Mw), New Brunswick Electric Power Commission's Mactaquac Plant (300 Mw), Saskatchewan Power Corporation's Coteau Creek Plant (188 Mw), Ontario Hydro's Barrett Chute Plant (112 Mw) and Manitoba Hydro's Grand Rapids Plant (109 Mw)

Notable increases in fossil fuelled steam generating capacity included 900 Mw at Ontario Hydro's Lakeview Plant, 162 Mw at British Columbia Hydro and Power Authority's Burrard Plant and 150 Mw at Hydro Quebec's Tracy Plant.

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Installed Generating Capacity (Preliminary) at End of years 1967 and 1968

	Canada	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	North-west Territories
	nameplate rating in thousands of kilowatts (megawatts)												
<u>1967</u>													
Hydro	23,353	692	-	152	262	11,007	6,302	1,074	399	616	2,786	28	35
Steam	8,396	51	50	535	541	519	3,623	321	566	1,225	964	-	1
Internal combustion	422	33	7	8	10	43	34	18	36	43	164	5	21
Gas turbine	795	14	-	-	-	36	291	16	77	167	192	-	2
Total	32,966	790	57	695	813	11,605	10,250	1,429	1,078	2,051	4,106	33	59
<u>1968</u>													
Hydro	24,962	819	-	163	562	11,035	6,413	1,184	586	616	3,531	18	35
Steam	9,672	51	70	535	541	683	4,523	321	566	1,225	1,156	-	1
Internal combustion	439	33	7	8	10	43	34	20	36	43	167	15	23
Gas turbine	861	28	-	-	-	36	319	28	89	167	192	-	2
Total	35,934	931	77	706	1,113	11,797	11,289	1,553	1,277	2,051	5,046	33	61

2. Preliminary Electric Energy Statistics,
November 1968, Catalogue No. 57-001

Net generation of electric energy increased 5.6 per cent to 15,475,121 thousand kwh. in November 1968 from 14,656,578^r thousand kwh. in November 1967. Nearly all provinces show some increase in generation.

Imports are up 15 per cent while exports continue to show a decrease again this month. Secondary energy is up slightly over last month.

As a result of the increase in generation and imports and the decrease in exports, firm energy made available for use in Canada rose 9.3 per cent over last November.

Total generation for the twelve month period ending November 30, 1968 amounted to 173,969,838 thousand kwh.

Preliminary Electric Energy Statistics
(thousand kwh)

	November		
	1966	1967	1968
Net generation - Hydro	11,416,113 ^r	11,790,232 ^r	11,496,083
Thermal	2,703,813 ^r	2,866,346 ^r	3,979,038
Total net generation	14,119,926 ^r	14,656,578 ^r	15,475,121
Energy imported from U.S.A.	281,921	383,887	442,767
Energy exported to U.S.A.:			
Firm	56,551	56,467	61,997
Secondary	400,687	346,634	256,914
Total exported to U.S.A.	457,238	403,101	318,911
Net energy used in Canada	13,944,609 ^r	14,637,364 ^r	15,598,977
Secondary energy used in Canada	460,877 ^r	425,584 ^r	166,066
Firm energy used in Canada	13,483,732 ^r	14,211,780 ^r	15,432,911

^r Revised figures.



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