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1. Fossil Fuel Production and Value 1966-67
(Preliminary Estimates)

The total value of fossil fuel production for 1967 is estimated to reach an all time high of \$1,276 billion; 11% above last year's \$1,150 billion, Alberta contributed the largest portion with 69.7% of Canadian production value, followed by Saskatchewan with 17.6%, British Columbia with 6.1%, Nova Scotia with 4.1%. The other provinces, Yukon and the Northwest Territories shared the remaining 2.5%.

Crude oil was the leading commodity accounting for over 2/3 of the total value. Natural gas accounted for 15.5% and natural by-products for an additional 8.5%. In coal, Nova Scotia was the leading producer in terms of both volume and value, followed by the western provinces which produced relatively large volumes of low unit value coal.

1967 Fossil Fuel Production and Valuation

	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	N.W.T.	Total
Natural Gas(1) Mcf.	-	104,000	61,000	15,548,000	-	51,817,000	1,180,000,000	217,800,000	-	41,500	1,465,371,500
" " \$	-	88,500	8,000	5,908,000	-	6,217,000	162,031,000	23,958,000	-	17,500	198,228,000
Natural Gas By- Products(4) \$	-	-	-	-	-	2,411,500	102,305,000	3,900,500	-	-	108,617,000
Crude Petroleum Bbl.	-	9,000	-	1,228,000	5,567,000	92,915,500	231,587,000(2,3)	20,530,500(2)	-	689,000	352,526,000
" " \$	-	27,000	-	3,870,000	13,894,500	212,033,500	613,241,500	46,625,500	-	792,500	886,484,500
Coal Tons	3,775,000	857,000	-	-	-	2,071,000	3,626,000	1,225,000	3,000	-	11,557,000
" \$	52,042,000	7,660,000	-	-	-	3,724,000	12,200,000	7,974,000	21,000	-	83,621,000
Total fuels \$	52,042,000	7,775,500	8,000	9,778,000	13,894,500	224,386,000	889,777,500	78,458,000	21,000	810,000	1,276,950,500

1966 Fossil Fuel Production and Valuation

Natural Gas(1) Mcf.	-	97,403	3,000	15,537,395	-	49,867,762	1,090,691,124	185,590,273	-	46,238	1,341,833,195
" " \$	-	92,600	340	5,940,000	-	5,974,000	146,215,000	19,390,000	-	19,400	177,631,340
Natural Gas By- Products(5) \$	-	-	-	-	-	2,417,536	94,116,979	3,373,703	-	-	99,908,218
Crude Petroleum Bbl.	-	6,836	-	1,323,781	5,230,712	93,218,119	203,339,433(2)	16,671,328(2)	-	752,585	320,542,794
" " \$	-	20,508	-	4,236,099	12,956,474	212,723,748	524,005,719	36,726,936	-	842,895	791,512,379
Coal Tons	3,854,534	898,315	-	-	-	2,078,165	3,467,254	1,087,631	5,670	-	11,391,569
" \$	51,518,674	7,892,427	-	-	-	3,717,586	11,947,258	6,437,459	46,390	-	81,559,794
Total fuels \$	51,518,674	8,005,535	340	10,176,099	12,956,474	224,832,870	776,284,956	65,928,098	46,390	862,295	1,150,611,731

(1) Excludes gas for recycling, pressure maintenance and injection.

(2) Excludes amounts returned to formation.

(3) Includes production from the Athabaska sands deposits.

(4) Includes pentanes plus, which for Canada as a whole, were valued at \$77,748,000.

(5) Includes pentanes plus.

2. Installed Generating Capacity 1966-1967

Preliminary statistics indicate that 2,444 megawatts of new generating capacity were installed in Canada during 1967. Total capacity at the end of 1967 amounted to 33,029 megawatts, an increase of 7.3% over the 1966 year end total of 30,785 megawatts. Thermal installations accounted for 1,236 megawatts of the increase while new hydro capacity amounted to 1,008 megawatts.

The largest increase in capacity was in Ontario where 502 megawatts were added. Alberta added 496 megawatts followed by Quebec with 415 megawatts, British Columbia with 317 megawatts, Newfoundland with 233 megawatts and New Brunswick with 195 megawatts.

The greatest increases in hydro capacity were in the Newfoundland and Labrador Power Commission's Bay d'Espoir plant (230 mw), Calgary Power's Big Bend plant (162 mw), Ontario Hydro's Mountain Chute plant (140 mw), Hydro Quebec's Manic 2 plant (127 mw), Alcan's Kemano plant (106 mw) and the New Brunswick Electric Power Commission's Mactaquac plant (100 mw).

Notable increases in fossil fuelled steam generating capacity included 300 mw at Calgary Power's Wabamun plant, 150 mw at Hydro Quebec's Tracy plant, 162 mw at British Columbia Hydro's Burrard plant and 110 mw at the New Brunswick Electric Power Commission's Courtenay Bay plant.

The 200 mw Douglas Point plant was placed in service in 1967. This is Canada's first full scale nuclear fuelled steam plant.

Installed Generating Capacity (Preliminary) at End of Years 1966 and 1967

	Canada	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon & N.W.T.
Nameplate rating in thousands of kilowatts (megawatts)												
1966												
Hydro	22,438	467	-	143	262	10,747	6,198	1,074	360	434	2,689	64
Steam - Fossil Fuel ..	7,318	55	50	516	423	368	3,405	321	557	856	765	1
Nuclear Fuel ..	20	-	-	-	-	-	20	-	-	-	-	-
Internal Combustion ..	400	30	7	8	10	38	33	18	36	43	156	21
Gas Turbine	609	39	-	-	-	36	128	4	53	167	181	2
1966 totals	30,785	591	57	667	695	11,189	9,784	1,417	1,006	1,500	3,791	88
1967												
Hydro	23,446	696	-	152	362	11,008	6,337	1,074	360	596	2,797	64
Steam - Fossil Fuel ..	8,115	55	50	535	518	518	3,405	321	557	1,193	962	1
Nuclear Fuel ..	220	-	-	-	-	-	220	-	-	-	-	-
Internal Combustion ..	416	34	7	8	10	42	33	19	32	40	168	23
Gas Turbine	832	39	-	-	-	36	291	27	89	167	181	2
1967 totals	33,029	824	57	695	890	11,604	10,286	1,441	1,038	1,996	4,108	90

3. Preliminary Electric Energy Statistics - November 1967

Net generation of electric energy increased 3.9% to 14,665,953 thousand Kwh. in September 1967 from 14,113,632 thousand Kwh. in September 1966. This represents the greatest percentage monthly increase in generation since July.

Firm energy consumption in Canada was up 6.1% over November of last year. Following the pattern established by most months of this year, the November increase in firm energy consumption was made possible by increased imports and decreased exports and secondary energy consumption.

Total net generation for the twelve month period ending November 30, 1967 amounted to 164,345,558 thousand Kwh.

Catalogue No. 57-001 which will be released shortly will show further details on monthly electric power statistics.

Preliminary Electric Energy Statistics

(thousand Kwh)

	November		
	1965	1966	1967
Net generation - Hydro	10,677,299	11,421,717 ^r	11,790,231
Thermal	2,309,413 ^r	2,691,915 ^r	2,875,722
Total net generation	12,986,712 ^r	14,113,632 ^r	14,665,953
Energy imported from U.S.A.	246,926	281,921	383,887
Energy exported to U.S.A.:			
Firm	52,163	56,551	56,467
Secondary	246,857	400,687	346,634
Total exported to U.S.A.	299,020	457,238	403,101
Net energy used in Canada	12,934,618 ^r	13,938,315 ^r	14,646,739
Secondary energy used in Canada	533,197 ^r	459,382 ^r	340,585
Firm energy used in Canada	12,401,421 ^r	13,478,933 ^r	14,306,154

^r Revised figures.

4. Crude Oil Requirements 1967 and 1968

Summary of Crude Oil Requirements and New Needs (thousand barrels daily)

	1967		1968			
	Requirements		Requirements		New needs	
	Volume	%	Volume	%	Volume	%
Domestic	621	58	637	57	16	40
Imports	449	42	473	43	24	60
Totals	1,070	100	1,110	100	40	100

Total requirements (domestic and imports) of crude oil for Canadian refineries are estimated to increase from 1,070,000 barrels daily (B/D) in 1967 to 1,110,000 B/D in 1968, an increase of approximately 3.7%.

Canadian crude requirements for refining are expected to increase by 2.6% from 621,000 B/D in 1967 to 637,000 B/D in 1968, while imported crude requirements for refining are expected to rise by 5.3% from 449,000 B/D in 1967 to 473,000 B/D in 1968.

Forecast new needs of crude oil for refining are expected to amount to 40,000 B/D in 1968, with domestic produced crude supplying 40% of these new needs (16,000 B/D) and imports 60% (24,000 B/D).

Crude oil exports for the first quarter of 1968 are estimated to average 427,000 B/D, an increase of 58,000 over the same period in 1967.

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Cambridge



Canadian Crude Oil Requirements

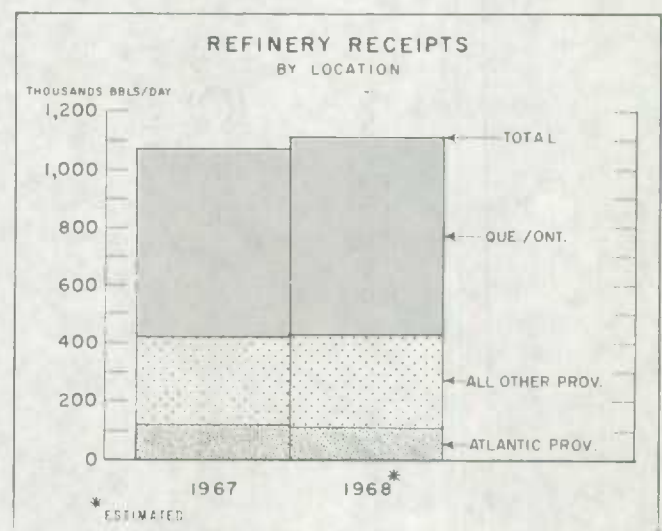
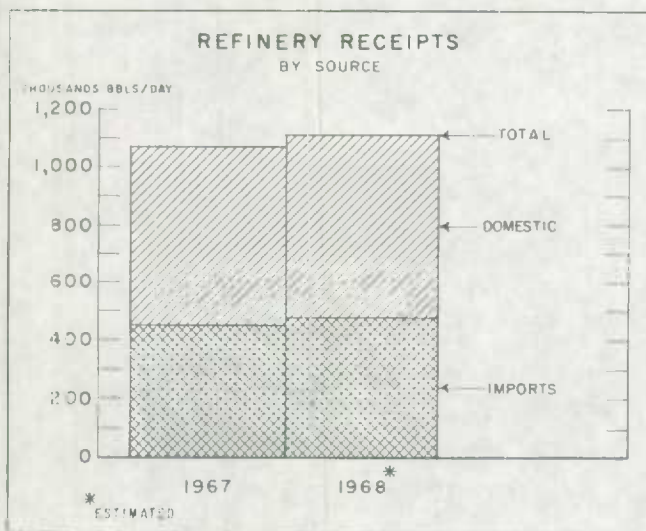
Anticipated and Actual Refinery Receipts of Crude Oil, Condensate and Pentanes Plus

	1966	1967	1967	1967	1968	1968	1968	1968	1968
	Actual Jan. - Dec.	Estimated Jan. - Dec.	Actual Jan.	Actual Feb.	Actual Mar.	Estimated Jan.	Estimated Feb.	Estimated Mar.	Jan. - Dec.
'000 barrels per day									
By source									
Domestic:									
Western	599.6	617.3	634.0	594.7	615.1	654.9	684.2	653.7	633.3
Eastern	3.6	3.5	3.6	3.5	3.7	3.2	3.4	3.2	3.9
Totals	603.2	620.8	637.6	598.2	618.8	658.1	687.6	656.9	637.2
Imported	434.4	448.8	465.3	443.0	462.5	491.8	492.1	466.4	473.0
Total requirements	1,037.6	1,069.6	1,102.9	1,041.2	1,081.3	1,149.9	1,179.7	1,123.3	1,110.2

By location

Atlantic	110.1	112.1	117.9	77.0	135.1	103.3	123.7	104.5	109.5
Quebec	322.8	335.5	347.5	366.0	327.4	388.5	368.4	361.9	362.4
Ontario	312.8	316.7	323.3	289.3	308.4	339.7	359.8	345.7	324.5
Manitoba	40.0	39.9	43.5	41.6	38.2	45.2	47.4	45.1	41.3
Saskatchewan	62.1	63.3	69.4	64.4	62.0	66.3	70.6	62.1	63.1
Alberta	93.4	97.8	100.6	99.6	101.6	94.8	98.2	94.6	100.2
British Columbia	94.4	102.4	98.7	101.3	106.8	109.7	109.3	107.2	107.4
North West Territories	2.0	1.9	2.0	2.0	1.8	2.4	2.3	2.2	1.8
Total requirements	1,037.6	1,069.6	1,102.9	1,041.2	1,081.3	1,149.9	1,179.7	1,123.3	1,110.2
Export requirements(1)	346.8	414.9	383.3	355.6	366.0	424.9	434.4	422.8	..

(1) Reported by the pipeline companies.
.. Figures not available.



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