

S E R V I C E B U L L E T I N

**dbS**

ENERGY STATISTICS

For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

\$5.00 A YEAR

Catalogue No. 57-002  
Vol. 4, No. 78



	<u>Page</u>
1. Preliminary Electric Energy Statistics, October 1969 Cat. No. 57-001 .....	1
2. Oil Pipe Line Transport, 1967 Cat. No. 55-001 .....	3

1. Preliminary Electric Energy Statistics, October 1969  
Catalogue No. 57-001

Net generation of electric energy increased 8.1% to 16,260,703 thousand kwh. in October 1969 from 15,046,589 thousand kwh. in October 1968. There were increases in net generation in all provinces except Nova Scotia, where there was a decrease of 11.7%. The largest increases occurred in Yukon Territory and New Brunswick where they amounted to 33.6% and 25.6% respectively. In October, as has been the case in previous months, favourable water conditions resulted in hydro generation increasing 12.9%, while thermal generation decreased 6.2%.

Imports decreased 44.0% and exports increased 6.1% compared with October 1968. Firm energy consumption increased 7.1%.

Total generation for the twelve month period ending October 31, 1969 amounted to 187,904,254 thousand kwh. compared with 186,690,140<sup>r</sup> thousand kwh. ending in September.

Seasonally adjusted net generation in October amounted to 16,116 million kwh. compared with 16,288 million kwh. in September and 15,894 million kwh. in August. Firm energy consumption amounted to 15,940 million kwh. on a seasonally adjusted basis, up from 15,838 million kwh. in September and 15,428 million kwh. in August.

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DOMINION BUREAU OF STATISTICS



Preliminary Electric Energy Statistics  
(thousand Kwh)

	October		
	1967	1968	1969
Net generation - Hydro .....	10,800,738	11,228,557	12,681,118
Thermal .....	3,157,228	3,818,032	3,579,585
Total net generation .....	13,957,966	15,046,589	16,260,703
Energy imported from U.S.A. .....	348,934	357,672	200,343
Energy exported to U.S.A.:			
Firm .....	65,596	64,645	69,738
Secondary .....	300,840	295,089	312,052
Total exported to U.S.A. .....	366,436	359,734	381,790
Net energy used in Canada .....	13,940,464	15,044,527	16,079,256
Secondary energy used in Canada .....	227,125	148,422	123,006
Firm energy used in Canada .....	13,713,339	14,896,105	15,956,250

r Revised figures.

Oil Pipe Line Transport 1967, Catalogue No. 55-201

Net receipts into pipe lines during 1967 amounted to 573.7 million barrels, up 7.0 per cent from 536.2 million barrels in 1966. Operating revenues, \$176.3 million in 1967, increased 10.0 per cent over 1966 and operating expenses, \$42.6 million, increased 11.8 per cent.

Mileage of oil pipe line systems totalled 14,155 miles, up 1,160 miles from the total for 1966. Barrel miles increased to 255 billion from the previous year's 228 billion.

Oil Pipe Line Transport - Selected Statistics

		1962	1963	1964	1965	1966	1967
<b>Consumption by Canadian refineries of</b>							
Domestic production .....	millions of bbls.	173.6	186.2	199.5	208.6	220.2	224.4
Imports .....	"	135.4	146.6	143.9	144.0	158.5	163.1
Pipe line exports of domestic production	"	86.6	91.2	104.2	110.3	129.8	153.8
<b>Net receipts into pipe lines</b>							
Crude oil (domestic) .....	"	254.9	274.0	297.8	315.4	344.9	376.5
All commodities .....	"	387.5	431.1	459.8	483.6	536.2	573.7
Operating revenues .....	millions of dollars	122.7	128.6	138.5	145.8	160.2	176.3
Operating expenses .....	"	28.1	30.4	32.1	34.5	38.1	42.6
Net income (after income tax) .....	"	35.7	39.3	46.0	55.5	55.6	60.0
Total fixed assets(1) .....	"	557.7	582.7	617.8	654.0	723.0	781.6
Long term debt .....	"	309.8	298.8	291.1	299.2	344.2	333.4
Barrel miles .....	millions of miles	166,208.1	175,488.7	191,241.6	203,999.4	228,125.5	255,065.8
<b>Pipe line mileage</b>							
Gathering .....	miles	3,494.3	3,681.5	3,792.2	4,055.7	4,314.5	4,533.1
Trunk-crude .....	"	5,458.3	5,811.5	6,257.4	6,564.5	6,986.2	7,927.5
Products lines .....	"	1,084.7	1,114.4	1,694.7	1,694.8	1,694.7	1,694.7
Totals .....	"	10,037.3	10,607.4	11,744.3	12,315.0	12,995.4	14,155.3
Average length of haul .....	"	438.6	410.5	421.7	424.6	429.5	448.2
<b>Employees</b>							
Number .....		1,496	1,501	1,492	1,542	1,437	1,543
Earnings .....	thousands of dollars	9,934	10,324	10,665	10,929	11,512	13,068

(1) Before depreciation.



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## Oil Pipe Line Mileage by Provincial Size of Pipe in Service, as at December 31, 1967

	Diameter of pipe in inches				
	0-5.9	6-12.9	13-18.9	19 and over	Total
miles					
<u>Gathering lines</u>					
British Columbia .....	112.4	187.5	-	-	299.9
Alberta .....	1,797.5	902.5	20.4	-	2,720.4
Saskatchewan .....	702.1	661.7	-	-	1,363.8
Manitoba .....	109.9	39.1	-	-	149.0
Canada .....	2,721.9	1,790.8	20.4	-	4,533.1
<u>Trunk lines, crude oil</u>					
British Columbia .....	-	570.0	-	520.9	1,090.9
Alberta .....	162.9	2,121.4	314.9	1,454.2	4,053.4
Saskatchewan .....	22.5	210.8	404.6	927.2	1,565.1
Manitoba .....	-	86.8	264.7	365.0	716.5
Ontario .....	-	66.2	2.1	221.0	289.3
Quebec .....	-	72.9	70.8	68.6	212.3
Canada .....	185.4	3,128.1	1,057.1	3,556.9	7,927.5
<u>Product lines</u>					
Yukon Territory .....	55.5	-	-	-	55.5
British Columbia .....	35.0	-	-	-	35.0
Alberta .....	123.1	2.5	-	-	125.6
Saskatchewan .....	-	384.0	-	-	384.0
Manitoba .....	-	194.5	-	-	194.5
Ontario .....	-	847.1	-	-	847.1
Quebec .....	-	53.0	-	-	53.0
Canada .....	213.6	1,481.1	-	-	1,694.7
<u>Total - All lines</u>					
Yukon Territory .....	55.5	-	-	-	55.5
British Columbia .....	147.4	757.5	-	520.9	1,425.8
Alberta .....	2,083.5	3,026.4	335.3	1,454.2	6,899.4
Saskatchewan .....	724.6	1,256.5	404.6	927.2	3,312.9
Manitoba .....	109.9	320.4	264.7	365.0	1,060.0
Ontario .....	-	913.3	2.1	221.0	1,136.4
Quebec .....	-	125.9	70.8	68.6	265.3
Canada .....	3,120.9	6,400.0	1,077.5	3,556.9	14,155.3