SERVICE BULLETIN
dbs
ENERGY STATISTICS
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1. Coal and Coke Statistics, June 1966

June production of coal amounted to 844,660 tons, a decrease of .2% from the June 1965 production of 846,135 tons. Landed imports increased to 2,194,429 tons compared with 2,159,315 tons in the same period last year. Shipments of coal as reported by mine operators increased to 810,334 tons in June 1966 from 779,443 tons in June 1965. In June 1966, consumption of coal and coke by industrial consumers amounted to 951,695 tons and 457,221 tons respectively compared with 1,016,415 tons and 465,746 tons in June 1965. Stocks of coal and coke held by industrial consumers increased to 4,464,449 tons in June 1966 from 3,476,158 tons in June 1965.

Coke production during the month of June 1966 rose to 366,-130 tons from 359,649 tons in June 1965. During the same period the amount of coke used in blast furnaces decreased to 311,220 tons from 317,103 tons.

Coal and Coke Statistics

June 1966

	Coal					Coke	
	Production	Landed Imports	Shipments by Coal Operators (Producers)	Consumption by Industrial Consumers	Stocks held by Industrial Consumers	Consumption by Industrial Consumers	Stocks held by Industrial Consumers
	tons						
Newfoundland	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	352,606	49,344	378,501	78,468	22,816	30,716	-
New Brunswick	61,107	-	59,808	54,248	70,628	-	-
Quebec	-	161,446	-	99,690	275,538	49,848	96,333
Ontario	-	1,983,352	-	511,866	3,488,280	352,866	115,681
Manitoba	-	190	-	32,539	92,530	156	750
Saskatchewan	128,728	30	115,915	69,111	184,098	-	-
Alberta	206,453	-	184,930	96,235	49,936	311	138
British Columbia and Yukon	95,766	67	71,180	9,538	18,389	23,324	49,332
Total Canada	844,660	2,194,429	810,334	951,695	4,202,215	457,221	262,234

2. Fuel Used to Generate Electricity - 1965 Preliminary data indicates that thermal generation of electric energy by public and private utilities amounted to 23,146,965 thousand Kwh. in 1965 compared with 18,017,595 thousand Kwh. in 1964, an increase of 28.4%. Coal was used to generate 68% of the energy with natural gas and petroleum fuels accounting for 21% and 11% respectively.

The quantity of coal used to generate electricity increased by 23% to 7,721,-714 tons in 1965 from 6,264,520 tons in 1964 accounting for about 30% of the total coal consumption in Canada. During the same period, the amount of natural gas used for electric energy generation increased by 35%, while the amount of petroleum fuels used increase by 40%.

Utilities spent $77,562,670 on fuel compared with $60,530,081 in 1964. Coal accounted for 64% of the cost followed by natural gas and petroleum fuels with 15% and 21% respectively.

In addition to fuel used by utilities to generate electricity, industrial establishments with generating facilities used approximately 710,000 tons of coal, 113,000,000 gallons of petroleum fuels and 51,000,000 Mcf. of manufactured and natural gas to generate approximately 4,045,000 thousand Kwh. of electricity.

Fuel Used to Generate Electricity, 1965

No.			Canada	New-foundland	Prince Edward Island	Nova Scotia
	Electric utilities - Publicly and privately-operated:					
	Quantity of fuel:					
	Coal:					
1	Bituminous - Canadian	short ton	1,461,237	-	-	697,721
2	Imported	"	3,553,936	-	-	-
3	Sub-bituminous	"	1,522,149	-	-	-
4	Saskatchewan lignite	"	1,184,392	-	-	-
5	Other		-	-	-	-
6	Total coal	short ton	7,721,714	-	-	697,721(1)
	Petroleum fuels:					
7	Furnace fuel oil - Light	Imp. gallon	3,358,992	-	-	178,246(1)
8	Heavy	"	159,728,314	12,219,905	11,763,502	42,855,087
9	Diesel fuel oil	"	27,156,473	2,377,335	45,023	1,030,521
10	Other - Crude oil	"	288,085	-	-	-
11	Total petroleum fuels	"	190,531,864	14,597,240	11,808,525	44,063,854
	Gas:					
12	Natural	M. cu. ft.	59,601,324	-	-	-
13	Manufactured		-	-	-	-
14	Total gas	M. cu. ft.	59,601,324	-	-	-
15	Other fuels - Propane	"	14,897	-	-	-
	Cost of fuel:					
	Coal:					
16	Bituminous - Canadian	$	12,884,611	-	-	6,333,938
17	Imported	$	32,023,649	-	-	-
18	Sub-bituminous	$	2,465,608	-	-	-
19	Saskatchewan lignite	$	2,273,835	-	-	-
20	Other		-	-	-	-
21	Total coal	$	49,647,703	-	-	6,333,938(1)
	Petroleum fuels:					
22	Furnace fuel oil - Light	$	446,856	-	-	23,326(1)
23	Heavy	$	10,598,976	837,861	767,821	2,702,922
24	Diesel fuel oil	$	5,120,956	456,090	6,287	167,044
25	Other - Crude oil	$	26,594	-	-	-
26	Total petroleum fuels	$	16,193,382	1,293,951	774,108	2,893,292
	Gas:					
27	Natural	$	11,686,540	-	-	-
28	Manufactured		-	-	-	-
29	Total gas	$	11,686,540	-	-	-
30	Other fuels - Propane	$	35,045	-	-	-
31	Total all fuels	$	77,562,670	1,293,951	774,108	9,227,230
32	Per cent of total for Canada		100.00	1.67	1.00	11.90

(1) See footnotes at end of table.

Fuel Used to Generate Electricity, 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskat-chewan	Alberta	British Columbia	Yukon and N.W.T.	No.
368,092	-	378,323	45	-	17,056	-	-	1
-	-	3,553,936	-	-	-	-	-	2
-	-	-	-	204,363	1,317,786	-	-	3
-	-	-	192,862	991,530	-	-	-	4
-	-	-	-	-	-	-	-	5
368,092(1)	-	3,932,259(1)	192,907(1)	1,195,893	1,334,842	-	-	6
358,341(1)	586,807	1,767,275(1)	376,207(1)	39,158	41,959	10,999	-	7
47,467,420	30,677,500	-	-	9,492,911	2,489,210	2,356,107	406,672	8
660,456	2,856,950	3,981,979(2)	2,431,896	257,695	1,567,863	9,458,386	2,488,369	9
-	-	-	-	-	-	288,085	-	10
48,486,217	34,121,257	5,749,254	2,808,103	9,789,764	4,099,032	12,113,577	2,895,041	11
-	-	223,537(2)	402,338	10,707,602	27,579,163	20,688,684	-	12
-	-	-	-	-	-	-	-	13
-	-	223,537	402,338	10,707,602	27,579,163	20,688,684	-	14
-	-	-	-	-	-	14,897	-	15
3,162,023	-	3,323,509	645	-	64,496	-	-	16
-	-	32,023,649	-	-	-	-	-	17
-	-	-	-	806,655	1,658,953	-	-	18
-	-	-	788,248	1,485,587	-	-	-	19
-	-	-	-	-	-	-	-	20
3,162,023(1)	-	35,347,158(1)	788,893(1)	2,292,242	1,723,449	-	-	21
59,166(1)	72,687	225,805(1)	51,672(1)	4,990	7,155	2,055	-	22
3,009,681	2,391,269	-	-	531,069	94,943	188,576	74,834	23
114,834	434,262	779,995(2)	404,064	43,293	276,716	1,648,035	790,336	24
-	-	-	-	-	-	26,594	-	25
3,183,681	2,898,218	1,005,800	455,736	579,352	378,814	1,865,260	865,170	26
-	-	90,250(2)	109,359	1,271,936	4,489,604	5,725,391	-	27
-	-	-	-	-	-	-	-	28
-	-	90,250	109,359	1,271,936	4,489,604	5,725,391	-	29
-	-	-	-	-	-	35,045	-	30
6,345,704	2,898,218	36,443,208	1,353,988	4,143,530	6,591,867	7,625,696	865,170	31
8.18	3.74	46.98	1.74	5.34	8.50	9.83	1.12	32

Fuel Used to Generate Electricity, 1965 - Concluded

No.			Canada	New-foundland	Prince Edward Island	Nova Scotia
	Electric utilities - Publicly and privately-operated - Concluded:					
	Average B.t.u. content of fuel:					
	Coal:					
1	Bituminous - Canadian	per pound	12,548	-	-	12,561
2	Imported	"	13,211	-	-	-
3	Sub-bituminous	"	8,121	-	-	-
4	Saskatchewan lignite	"	6,722	-	-	-
5	Other		-	-	-	-
	Petroleum fuels:					
6	Furnace fuel oil - Light	per Imp. gal.	166,651	-	-	168,319
7	Heavy	"	180,929	179,936	182,511	181,046
8	Diesel fuel oil	"	164,769	165,363	172,200	163,862
9	Other - Crude oil	"	166,000	-	-	-
	Gas:					
10	Natural	per stand. cu. ft.(3)	1,029	-	-	-
11	Manufactured		-	-	-	-
12	Other fuels - Propane	per stand. cu. ft.(3)	2,500	-	-	-
	Energy generated:(4)					
	By coal:					
13	Bituminous - Canadian	'000 kwh.	3,016,186	-	-	1,308,809
14	Imported	"	9,593,207	-	-	-
15	Sub-bituminous	"	2,012,173	-	-	-
16	Saskatchewan lignite	"	1,067,501	-	-	-
17	Other		-	-	-	-
18	Total coal	'000 kwh.	15,689,067	-	-	1,308,809(1)
	By petroleum fuels:					
19	Furnace fuel oil - Light	"	13,946	-	-	852(1)
20	Heavy	"	2,188,802	148,620	136,039	601,755
21	Diesel fuel oil	"	372,577	41,464	557	15,098
22	Other - Crude oil	"	1,358	-	-	-
23	Total petroleum fuels	"	2,576,683	190,084	136,596	617,705
	By gas:					
24	Natural	"	4,757,966	-	-	-
25	Manufactured		-	-	-	-
26	Total gas	"	4,757,966	-	-	-
27	By other fuels	"	123,249	-	-	-
28	Total all fuels	"	23,146,965	190,084	136,596	1,926,514
29	Per cent of total for Canada		100.00	0.82	0.59	8.32

(1) Fuel oil used in coal-fired stations for initial steam-raising: No resulting generation, (116,312 Imp. gals. in Nova Scotia, 358,341 Imp. gals. in New Brunswick, 1,372,506 Imp. gals. in Ontario and 294,563 Imp. gals. in Manitoba.)
(2) Fuel oil used in gas-fired station as pilot - 86,666 Imp. gals.
(3) Standard cubic foot - 760 mm. mercury 60° F.

Fuel Used to Generate Electricity, 1965 - Concluded

New Brunswick	Quebec	Ontario	Manitoba	Saskat-chewan	Alberta	British Columbia	Yukon and N.W.T.	No.
11,816	-	13,263	13,500	-	12,000	-	-	1
-	-	13,211	-	-	-	-	-	2
-	-	-	-	8,350	8,086	-	-	3
-	-	-	7,143	6,640	-	-	-	4
-	-	-	-	-	-	-	-	5
166,624	169,300	164,742	170,285	172,000	165,000	169,000	-	6
181,427	180,000	-	-	180,810	181,835	178,734	174,640	7
165,071	162,961	163,951	165,556	169,294	164,952	164,915	165,827	8
-	-	-	-	-	-	166,000	-	9
-	-	1,005	1,016	954	1,032	1,064	-	10
-	-	-	-	-	-	-	-	11
-	-	-	-	-	-	2,500	-	12
647,903	-	1,045,984	45	-	13,445	-	-	13
-	-	9,593,207	-	-	-	-	-	14
-	-	-	-	241,082	1,771,091	-	-	15
-	-	-	173,637	893,864	-	-	-	16
-	-	-	-	-	-	-	-	17
647,903(1)	-	10,639,191(1)	173,682(1)	1,134,946	1,784,536	-	-	18
-(1)	7,453	3,928(1)	936(1)	501	227	49	-	19
596,306	522,482	-	-	103,387	38,094	36,077	6,042	20
9,256	40,321	55,393(2)	22,538	3,386	18,719	135,683	30,162	21
-	-	-	-	-	-	1,358	-	22
605,562	570,256	59,321	23,474	107,274	57,040	173,167	36,204	23
-	-	22,590(2)	25,310	684,031	1,929,167	2,096,868	-	24
-	-	-	-	-	-	-	-	25
-	-	22,590	25,310	684,031	1,929,167	2,096,868	-	26
-	-	120,139(5)	-	-	-	3,110(6)	-	27
1,253,465	570,256	10,841,241	222,466	1,926,251	3,770,743	2,273,145	36,204(7)	28
5.42	2.46	46.84	0.96	8.32	16.29	9.82	0.16	29

(4) Net generation after deducting station service.
(5) Nuclear generation.
(6) Propane generstion.
(7) Quantities and costs of fuel unavailable for 2,170,000 kwh generation.