

Table F-2
Missouri Consumption of Energy by the Commercial Sector: 1960-2016
Part I — (trillion BTU)

	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Coal	11.1	9.3	8.7	4.9	3.9	3.0	2.7	1.7	1.3	1.2
Natural Gas ^a	33.8	34.8	40.4	40.9	47.7	41.8	67.0	84.0	81.4	80.6
Total Petroleum ^d	28.6	25.3	22.6	22.7	22.4	26.0	25.7	24.9	27.1	28.2
Distillate Fuel Oil	6.4	7.0	6.2	6.5	6.0	5.1	5.9	6.2	6.6	6.2
Kerosene	8.5	6.4	5.9	4.7	4.4	4.9	4.0	1.3	2.9	2.5
LPG ^b	4.5	4.8	5.3	6.0	5.3	5.9	7.4	7.5	7.6	8.2
Motor Gasoline ^c	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8
Residual Fuel Oil	8.6	6.5	4.6	4.9	6.0	9.5	7.7	9.1	9.2	10.4
Hydroelectric Power ^{e,f}	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Biomass ^{f,g}	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
Geothermal ^f	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Retail Electricity Sales	11.3	11.7	12.7	13.6	14.3	15.3	15.8	16.9	18.5	19.8
Net Energy ^{f,h}	85.2	81.4	84.6	82.2	88.4	86.1	111.3	127.8	128.7	130.1
Electrical System Energy Losses ⁱ	28.0	28.6	30.4	32.6	34.0	36.4	37.9	40.3	44.2	47.2
Total^{f,h}	113.1	110.0	115.0	114.9	122.4	122.6	149.2	168.0	173.0	177.3
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Coal	0.9	0.9	1.1	2.8	3.1	2.3	2.7	1.7	4.1	5.3
Natural Gas ^a	88.3	90.2	98.7	90.8	91.1	91.5	98.9	93.7	99.3	92.7
Total Petroleum ^d	28.0	26.3	24.1	23.8	22.6	22.0	24.2	24.8	24.7	24.8
Distillate Fuel Oil	6.3	6.3	7.4	7.4	6.8	6.9	7.4	7.0	7.9	8.5
Kerosene	2.5	2.8	1.5	1.5	1.3	1.0	1.5	1.3	1.1	1.6
LPG ^b	8.0	8.1	8.5	8.3	8.1	8.4	8.2	8.1	7.8	6.2
Motor Gasoline ^c	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.9
Residual Fuel Oil	10.4	8.3	5.9	5.7	5.6	4.8	6.2	7.5	7.0	7.7
Hydroelectric Power ^{e,f}	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Biomass ^{f,g}	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5
Geothermal ^f	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Retail Electricity Sales	21.0	22.3	24.0	25.8	24.5	26.1	37.8	40.1	40.8	42.6
Net Energy ^{f,h}	138.6	140.1	148.3	143.5	141.9	142.4	164.2	161.0	169.6	166.3
Electrical System Energy Losses ⁱ	50.9	53.9	57.4	61.1	59.3	62.5	90.4	95.7	98.8	101.6
Total^{f,h}	189.5	194.0	205.6	204.7	201.2	204.9	254.6	256.7	268.5	267.9

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 University of Missouri-Columbia

Table F-2(continued)
Missouri Consumption of Energy by the Commercial Sector: 1960-2016
Part I — (trillion BTU)

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Coal	1.4	1.9	1.6	2.4	2.2	2.8	1.8	4.1	3.8	4.4
Natural Gas ^a	77.3	69.5	71.2	67.9	68.4	61.4	62.6	58.9	64.2	63.5
Total Petroleum ^d	15.8	12.5	14.9	17.2	16.9	14.2	15.0	17.9	15.6	12.1
Distillate Fuel Oil	5.8	4.5	6.1	9.4	11.6	8.9	9.1	11.9	10.2	6.3
Kerosene	1.0	2.3	3.3	0.2	0.1	0.2	0.1	(s)	0.1	0.1
LPG ^b	4.4	4.0	4.1	4.9	2.7	3.0	3.4	3.6	3.4	4.4
Motor Gasoline ^c	1.2	1.6	1.2	1.1	1.5	1.4	1.7	1.6	1.3	1.1
Residual Fuel Oil	3.5	0.2	0.2	1.5	1.0	0.8	0.8	0.8	0.6	0.2
Hydroelectric Power ^{e,f}	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Biomass ^{f,g}	0.5	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.7	1.6
Geothermal ^f	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Retail Electricity Sales	44.3	42.2	43.6	45.2	49.7	51.9	54.9	58.9	62.6	64.0
Net Energy ^{f,h}	139.4	126.8	131.4	133.0	137.9	130.9	135.1	140.5	147.1	145.3
Electrical System Energy Losses ⁱ	106.4	98.8	103.0	106.3	113.4	118.8	123.1	130.3	138.6	147.7
Total^{f,h}	245.9	225.6	234.4	239.3	251.3	249.7	258.2	270.8	285.7	293.0
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Coal	5.0	4.5	4.1	4.8	4.2	4.1	4.1	5.4	3.3	4.5
Natural Gas ^a	60.0	63.7	61.1	69.9	66.6	65.5	73.6	70.5	62.7	63.9
Total Petroleum ^d	11.3	12.1	12.3	12.4	12.1	12.5	15.1	14.0	12.1	13.7
Distillate Fuel Oil	6.0	6.5	6.8	6.7	6.3	6.9	7.6	6.8	6.8	6.0
Kerosene	(s)	(s)	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1
LPG ^b	3.6	4.7	4.8	5.0	5.0	5.0	6.7	6.1	4.4	5.9
Motor Gasoline ^c	1.3	0.7	0.6	0.6	0.5	0.5	0.6	0.8	0.6	1.6
Residual Fuel Oil	0.4	0.2	(s)	(s)	0.1	(s)	(s)	0.2	0.2	0.2
Hydroelectric Power ^{e,f}	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass ^{f,g}	1.5	1.5	1.6	1.7	1.6	1.6	1.7	1.7	1.5	1.5
Geothermal ^f	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Retail Electricity Sales	66.0	68.3	67.1	71.0	73.4	76.8	80.1	81.3	85.0	85.8
Net Energy ^{f,h}	143.9	150.4	146.5	160.2	158.1	161.0	174.8	173.2	164.8	169.7
Electrical System Energy Losses ⁱ	150.4	157.6	155.6	169.4	169.8	179.5	185.7	188.9	198.5	203.2
Total^{f,h}	294.3	308.0	302.1	329.6	327.9	340.4	360.5	362.0	363.3	372.8

Table F-2
Missouri Consumption of Energy by the Commercial Sector: 1960-2016
Part I — (trillion BTU)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Coal	3.5	4.3	3.8	3.9	4.0	4.6	4.6	4.1	4.5	3.4
Natural Gas ^a	63.6	65.3	62.7	62.4	63.0	61.6	57.9	60.4	65.4	61.8
Total Petroleum ^d	13.7	19.3	13.8	12.6	12.3	8.1	7.2	6.5	10.1	8.2
Distillate Fuel Oil	6.5	9.1	5.8	4.9	5.0	3.0	2.5	2.1	3.2	3.4
Kerosene	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	(s)	(s)
LPG ^b	5.5	8.2	6.2	5.9	5.9	3.2	4.2	4.0	6.6	4.5
Motor Gasoline ^c	1.4	1.7	1.5	1.5	1.2	1.5	0.3	0.3	0.3	0.3
Residual Fuel Oil	0.2	0.2	0.2	0.1	0.1	0.1	0.1	(s)	(s)	(s)
Hydroelectric Power ^{e,f}	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass ^{f,g}	1.6	1.7	1.7	1.8	1.7	3.0	2.8	2.9	3.1	3.7
Geothermal ^f	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	^R (s)
Retail Electricity Sales	92.0	92.8	95.4	95.5	96.9	101.1	101.7	106.2	106.2	103.7
Net Energy ^{f,h}	174.1	183.5	177.3	175.8	177.7	178.3	174.0	180.1	189.2	180.8
Electrical System Energy Losses ⁱ	214.4	208.9	212.4	211.3	216.5	227.1	226.2	236.2	237.4	229.2
Total^{f,h}	388.5	392.4	389.7	387.1	^R394.3	405.4	400.3	416.3	426.6	410.0
	2010	2011	2012	2013	2014	2015	2016			
Coal	3.6	2.8	2.1	2.3	2.2	1.5	1.3			
Natural Gas ^a	61.5	62.8	55.2	65.4	73.9	61.9	58.3			
Total Petroleum ^d	7.0	6.2	^R 7.3	^R 8.3	^R 9.5	^R 15.7	14.8			
Distillate Fuel Oil	3.0	2.6	3.7	4.0	4.6	5.5	4.9			
Kerosene	(s)	(s)	(s)	(s)	(s)	(s)	(s)			
LPG ^b	3.6	3.3	3.4	4.1	4.3	3.4	N/A			
Motor Gasoline ^c	0.3	0.3	0.3	0.3	0.3	6.6	6.7			
Residual Fuel Oil	(s)	0.0	(s)	0.0	0.0	0.0	0.0			
Hydroelectric Power ^{e,f}	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Biomass ^{f,g}	3.6	3.5	3.1	3.8	4.5	^R 4.6	5.2			
Geothermal ^f	(s)	(s)	0.0	0.0	0.0	0.0	0.0			
Retail Electricity Sales	107.2	105.6	104.0	104.1	104.6	104.2	104.8			
Net Energy ^{f,h}	183.0	180.9	^R 171.7	^R 184.1	^R 195.3	^R 188.8	185.2			
Electrical System Energy Losses ⁱ	237.0	232.6	225.8	227.2	233.6	227.1	228.3			
Total^{f,h}	420.0	413.6	397.6	^R411.3	^R428.8	^R415.9	413.5			

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Table F-2 (continued)
Missouri Consumption of Energy by the Commercial Sector: 1960-2016
Part I — (trillion BTU)

^aNatural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

^bLiquefied petroleum gases.

^cBeginning in 1993, includes fuel ethanol blended into motor gasoline.

^dIncludes small amounts of petroleum coke not shown separately.

^eConventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

^fThere is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^gWood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

^hSmall amounts of solar thermal and photovoltaic energy consumed in the commercial sector cannot be separately identified and are included in residential consumption. From 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

ⁱIncurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

N/A = Not available

R = Revised data

(s) = Physical unit value less than 0.5 or Btu value less than 0.05

Notes: Totals may not equal sum of components due to independent rounding.

The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants.

The continuity of these data series estimates may be affected by changing data sources and estimation methodologies.

Source: Department of Energy, Energy Information Administration, [State Energy Data Consumption Tables](#).