

F L O R I D A
Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2019, Florida
 (Trillion Btu)

Year	Fossil Fuels										Fossil Fuels (as commingled)			
	Coal	Natural Gas excluding Supplemental Gaseous Fuels ^a	Petroleum							Total	Total	Natural Gas including Supplemental Gaseous Fuels ^a	Distillate Fuel Oil including Biodiesel ^a	Motor Gasoline including Fuel Ethanol ^a
			Distillate Fuel Oil excluding Biodiesel ^a	HGL ^b	Jet Fuel ^c	Motor Gasoline excluding Fuel Ethanol ^a	Residual Fuel Oil	Other ^d	Total					
1960	27.2	142.9	50.2	18.9	51.5	226.7	189.9	74.8	611.9	782.0	142.9	50.2	226.7	
1965	55.2	191.7	71.5	21.7	97.2	279.1	272.5	80.7	822.7	1,069.6	191.7	71.5	279.1	
1970	116.7	350.6	91.1	29.9	133.2	400.6	337.2	73.7	1,065.6	1,533.0	350.6	91.1	400.6	
1971	117.2	350.5	95.9	28.8	147.0	426.4	393.2	76.9	1,168.1	1,635.8	350.5	95.9	426.4	
1972	123.6	311.2	113.0	30.0	160.7	473.3	479.7	71.6	1,328.4	1,763.2	311.2	113.0	473.3	
1973	152.6	324.9	132.9	32.0	156.4	522.4	513.4	74.7	1,431.8	1,909.3	324.9	132.9	522.4	
1974	146.6	302.0	131.0	28.1	132.3	515.5	470.6	69.6	1,347.1	1,795.7	302.0	131.0	515.5	
1975	133.5	292.1	136.2	28.3	135.7	528.4	498.7	50.9	1,378.2	1,803.8	292.1	136.2	528.4	
1976	141.8	300.9	142.8	30.7	140.7	546.1	563.9	53.2	1,477.4	1,920.1	300.9	142.8	546.1	
1977	159.9	315.9	169.5	33.5	153.1	566.2	522.4	57.4	1,502.0	1,977.9	315.9	169.5	566.2	
1978	175.5	333.3	177.6	30.9	157.2	595.1	557.6	62.3	1,580.8	2,089.6	333.3	177.6	595.1	
1979	202.3	357.0	169.6	32.3	175.1	584.2	605.4	62.7	1,629.3	2,188.6	357.0	169.6	584.2	
1980	225.5	329.6	171.4	39.5	201.6	574.0	608.3	55.9	1,650.7	2,205.7	329.6	171.4	574.0	
1981	236.5	357.5	174.2	36.6	200.0	587.8	568.4	57.1	1,624.2	2,218.2	357.5	174.2	587.8	
1982	240.2	339.1	133.6	32.5	189.3	599.4	405.4	56.1	1,416.3	1,995.5	339.1	133.6	599.4	
1983	318.9	321.0	162.9	33.0	169.2	621.7	369.2	61.3	1,417.2	2,057.2	321.0	162.9	621.7	
1984	378.7	318.2	172.2	32.6	135.6	638.1	266.8	73.6	1,318.9	2,015.7	318.2	172.2	638.1	
1985	472.4	305.1	185.9	37.1	129.2	658.4	237.5	76.3	1,324.4	2,101.8	305.1	185.9	658.4	
1986	459.4	298.9	191.6	39.7	140.1	688.6	362.2	81.1	1,503.3	2,261.6	298.9	191.6	688.6	
1987	586.6	313.6	203.2	33.1	148.4	723.7	287.2	74.3	1,470.0	2,370.2	313.6	203.2	723.7	
1988	611.5	305.8	210.2	30.1	179.3	744.5	339.1	76.6	1,579.8	2,497.1	305.8	210.2	744.5	
1989	636.6	337.2	207.5	30.2	188.5	747.1	335.6	65.6	1,574.6	2,548.4	337.2	207.5	747.1	
1990	633.4	342.0	205.7	29.1	179.6	747.8	341.3	64.0	1,567.4	2,542.8	342.0	205.7	747.8	
1991	650.3	361.0	191.2	29.9	140.8	743.0	375.0	65.4	1,545.2	2,556.5	361.0	191.2	743.0	
1992	649.4	371.1	210.3	30.0	137.5	752.1	375.0	62.8	1,567.7	2,588.3	371.1	210.3	752.1	
1993	654.5	368.0	140.6	30.2	150.3	783.6	439.3	71.8	1,615.8	2,638.4	368.0	140.6	783.6	
1994	663.4	417.7	199.2	27.9	162.1	793.9	420.2	64.5	1,667.9	2,749.0	417.7	199.2	793.9	
1995	686.9	579.3	231.2	28.8	159.0	820.2	297.0	60.5	1,596.9	2,863.1	579.3	231.2	820.2	
1996	745.8	561.1	223.1	29.7	166.4	828.6	298.1	59.7	1,605.7	2,912.6	561.1	223.1	828.7	
1997	751.3	547.2	242.0	22.0	173.0	842.5	312.4	62.3	1,654.3	2,952.8	547.2	242.0	842.6	
1998	749.5	529.6	254.0	23.7	161.6	880.2	443.8	73.7	1,837.1	3,116.1	529.6	254.0	880.4	
1999	716.3	583.4	267.7	26.8	164.3	902.7	401.9	73.9	1,837.3	3,137.0	583.4	267.7	902.8	
2000	760.4	574.5	277.5	27.5	199.2	927.4	410.2	66.0	1,907.8	3,242.7	574.5	277.5	927.5	
2001	725.9	569.8	286.5	26.5	173.8	941.6	434.4	79.0	1,941.9	3,237.5	569.8	286.5	941.7	
2002	719.7	708.6	291.4	22.7	153.3	977.8	347.1	100.0	1,892.4	3,320.7	708.6	291.4	977.8	
2003	723.8	714.8	321.5	23.4	145.5	995.6	335.9	109.9	1,931.8	3,370.4	714.8	321.5	995.6	
2004	699.1	757.7	335.8	28.3	165.8	1,048.1	392.8	124.3	2,095.1	3,551.8	757.7	335.8	1,048.1	
2005	672.3	805.4	354.8	26.1	158.1	1,072.8	383.7	135.2	2,130.8	3,608.5	805.4	354.8	1,072.2	
2006	696.2	917.5	361.2	26.5	156.7	1,082.6	257.2	134.8	2,019.0	3,632.7	917.5	361.2	1,088.9	
2007	720.8	943.8	323.2	23.3	176.7	1,064.3	243.8	107.1	1,938.4	3,603.1	943.8	323.2	1,073.4	
2008	693.2	970.0	291.6	21.1	219.0	972.9	123.8	89.2	1,717.5	3,380.7	970.0	291.6	1,019.9	
2009	581.5	1,081.7	262.2	20.8	178.5	959.1	86.3	71.8	1,578.6	3,241.9	1,081.7	262.2	1,018.1	
2010	637.4	1,180.5	295.4	21.2	R 245.8	935.8	147.3	76.0	R 1,721.4	R 3,539.3	1,180.5	295.6	995.0	
2011	552.7	1,236.0	274.4	20.0	R 249.3	912.5	100.7	61.3	R 1,618.1	R 3,406.8	1,236.0	275.2	972.6	
2012	483.0	1,348.4	265.4	17.5	R 247.8	906.9	74.7	45.4	R 1,557.8	R 3,389.2	1,348.4	266.1	970.5	
2013	505.2	1,245.3	277.5	16.8	R 254.5	926.5	61.3	59.9	R 1,596.6	R 3,347.0	1,245.3	281.0	991.8	
2014	557.9	1,241.2	283.2	17.7	R 267.9	939.2	59.8	55.5	R 1,623.3	R 3,422.4	1,241.2	286.4	1,003.7	
2015	466.5	1,378.1	301.2	17.4	R 282.6	987.6	55.9	60.4	R 1,705.2	R 3,549.8	1,378.1	305.2	1,054.3	
2016	426.2	1,414.4	304.2	19.4	R 292.7	1,007.9	59.1	67.0	R 1,750.3	R 3,590.9	1,414.4	311.5	1,077.7	
2017	407.5	1,421.3	304.6	19.2	R 302.7	1,022.0	61.3	56.1	R 1,765.9	R 3,594.7	1,421.3	312.4	1,094.9	
2018	327.8	1,511.1	R 331.1	19.8	R 313.9	1,036.5	91.3	R 62.4	R 1,855.0	R 3,694.0	1,511.1	335.4	1,112.9	
2019	233.5	1,578.2	325.4	19.5	323.6	1,035.9	55.0	56.4	1,815.8	3,627.5	1,578.2	328.8	1,111.9	

^a Supplemental gaseous fuels (SGF) and biofuels are consumed with natural gas and petroleum products. In this table, SGF and biofuels are removed from natural gas and petroleum so that a fossil fuel total can be calculated without double-counting. Biofuels are included in "Renewable Energy."

^b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

^c Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."

^d Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum

products" category. See Technical Notes, Section 4.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Notes: Totals may not equal sum of components due to independent rounding. The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2019, Florida (Continued)
(Trillion Btu)

Year	Nuclear Electric Power	Renewable Energy										Net Interstate Flow of Electricity ^k	Electricity Net Imports ^l	Total ^f
		Hydro-electric Power ^{e,f}	Biomass					Geo-thermal ^f	Solar ^{f,j}	Wind	Total ^f			
			Wood and Waste ^{f,g}	Fuel Ethanol ^h	Biodiesel	Losses and Co-products ⁱ	Total ^f							
1960	0.0	3.0	32.7	NA	NA	NA	32.7	0.0	NA	NA	35.7	-8.1	0.0	809.6
1965	0.0	3.1	36.8	NA	NA	NA	36.8	0.0	NA	NA	39.9	2.0	0.0	1,111.5
1970	0.0	3.1	48.0	NA	NA	NA	48.0	0.0	NA	NA	51.0	-6.6	0.0	1,577.4
1971	0.0	2.7	47.3	NA	NA	NA	47.3	0.0	NA	NA	50.0	-11.7	0.0	1,674.1
1972	0.7	2.5	51.9	NA	NA	NA	51.9	0.0	NA	NA	54.4	-14.3	0.0	1,804.0
1973	51.0	2.4	53.8	NA	NA	NA	53.8	0.0	NA	NA	56.3	-21.3	0.0	1,995.3
1974	87.9	2.6	49.8	NA	NA	NA	49.8	0.0	NA	NA	52.4	-7.0	0.0	1,929.0
1975	92.2	2.4	47.6	NA	NA	NA	47.6	0.0	NA	NA	50.0	-6.1	0.0	1,939.8
1976	95.5	2.7	53.8	NA	NA	NA	53.8	0.0	NA	NA	56.5	-10.1	0.0	2,062.0
1977	189.1	2.5	57.4	NA	NA	NA	57.4	0.0	NA	NA	60.0	-9.4	0.0	2,217.5
1978	173.0	2.4	63.0	NA	NA	NA	63.0	0.0	NA	NA	65.4	-0.6	0.0	2,327.3
1979	167.4	2.5	66.9	NA	NA	NA	66.9	0.0	NA	NA	69.4	-3.0	0.0	2,422.5
1980	182.6	2.2	87.8	NA	NA	NA	87.8	0.0	NA	NA	90.0	33.6	0.0	2,511.9
1981	159.4	1.9	81.2	0.6	NA	0.0	81.8	0.0	NA	NA	83.7	20.8	0.0	2,482.0
1982	213.9	2.7	101.9	0.8	NA	0.0	102.8	0.0	NA	NA	105.5	87.2	0.0	2,402.1
1983	161.4	2.3	89.4	2.9	NA	0.0	92.3	0.0	NA	0.0	94.6	144.2	0.0	2,457.3
1984	261.1	2.2	106.5	4.0	NA	0.0	110.5	0.0	0.0	0.0	112.7	161.8	0.0	2,551.3
1985	249.2	2.5	108.1	3.8	NA	0.0	111.9	0.0	0.0	0.0	114.5	233.5	0.0	2,699.0
1986	233.1	2.2	114.1	2.5	NA	0.0	116.7	0.0	0.0	0.0	118.9	168.3	0.0	2,782.0
1987	196.0	2.3	105.3	1.2	NA	0.0	106.5	0.0	0.0	0.0	108.8	195.6	0.0	2,870.6
1988	277.8	2.2	111.6	0.6	NA	0.0	112.3	0.0	0.0	0.0	114.4	152.8	0.0	3,042.1
1989	221.4	2.4	204.5	0.8	NA	0.0	205.3	1.2	24.1	0.0	233.0	245.8	0.0	3,248.5
1990	230.5	1.8	170.3	0.6	NA	0.0	170.9	1.3	25.6	0.0	199.6	316.3	0.0	3,289.2
1991	215.0	2.7	182.4	0.8	NA	0.0	183.2	1.4	26.4	0.0	213.7	264.4	0.0	3,249.7
1992	263.0	2.4	199.3	0.8	NA	0.0	200.1	1.5	27.5	0.0	231.6	233.6	0.0	3,316.5
1993	271.9	2.2	184.7	0.5	NA	0.0	185.2	1.6	28.5	0.0	217.5	219.2	0.0	3,347.0
1994	278.9	2.8	181.8	0.4	NA	0.0	182.2	1.5	29.4	0.0	215.9	223.7	0.0	3,467.5
1995	302.0	2.4	186.3	0.2	NA	0.0	186.5	1.6	29.9	0.0	220.4	229.6	0.0	3,615.1
1996	267.5	2.2	206.0	0.1	NA	0.0	206.1	1.8	30.3	0.0	240.4	280.1	0.0	3,700.6
1997	241.0	2.5	196.9	0.1	NA	0.0	197.0	1.9	30.0	0.0	231.4	301.2	0.0	3,726.4
1998	326.4	2.0	171.7	0.1	NA	0.0	171.8	2.1	29.6	0.0	205.6	211.1	0.0	3,859.2
1999	329.4	1.4	171.6	0.1	NA	0.0	171.6	2.2	29.0	0.0	204.2	251.4	0.0	3,922.1
2000	336.8	0.9	164.0	0.2	NA	0.0	164.2	2.2	27.9	0.0	195.1	301.4	0.0	4,076.0
2001	329.8	1.5	127.3	0.1	(s)	(s)	127.4	2.4	26.8	0.0	158.1	335.1	0.0	4,060.6
2002	351.9	1.9	144.1	(s)	(s)	(s)	144.2	2.7	25.7	0.0	174.4	330.9	0.0	4,178.0
2003	322.9	2.7	157.6	0.0	(s)	(s)	157.6	3.5	24.7	0.0	188.5	313.8	0.0	4,195.6
2004	325.5	2.7	149.0	(s)	(s)	(s)	149.0	3.8	24.0	0.0	179.5	290.6	0.0	4,347.4
2005	300.1	2.7	153.2	4.4	0.1	(s)	157.7	4.4	22.9	0.0	187.7	323.5	0.0	4,419.9
2006	327.9	2.0	155.5	6.3	0.2	(s)	162.0	5.0	23.0	0.0	192.1	319.8	0.0	4,472.5
2007	307.2	1.5	159.9	9.1	0.3	(s)	169.3	5.9	23.2	0.0	199.9	307.1	0.0	4,417.3
2008	335.9	2.0	162.7	47.1	0.3	0.0	210.0	6.9	23.6	0.0	242.6	305.8	0.0	4,264.9
2009	304.5	2.0	179.9	59.0	0.3	0.0	239.2	8.4	23.3	0.0	272.9	295.9	0.0	4,115.3
2010	250.2	1.7	194.4	59.3	0.2	0.0	253.9	9.5	24.6	0.0	289.8	244.6	0.0	4,323.8
2011	230.4	1.8	190.3	60.1	0.8	0.0	251.2	9.8	25.9	0.0	288.7	250.0	0.0	4,175.9
2012	187.3	1.4	184.1	63.7	0.7	0.0	248.5	10.1	27.4	0.0	287.4	210.6	0.0	4,074.5
2013	277.2	2.4	192.1	65.3	3.5	(s)	260.9	10.1	28.4	0.0	301.8	207.1	0.0	4,133.1
2014	291.5	2.0	188.5	64.5	3.2	(s)	256.2	10.1	29.8	0.0	298.0	166.2	0.0	4,178.1
2015	294.1	2.3	180.7	66.7	4.0	(s)	251.3	10.1	R 30.1	0.0	293.8	192.2	0.0	4,329.8
2016	306.7	1.6	170.4	69.8	7.3	(s)	247.5	10.1	R 30.8	0.0	R 290.0	R 181.7	0.0	4,369.2
2017	304.8	2.0	R 175.7	72.9	7.7	(s)	R 256.4	10.1	R 38.2	0.0	R 306.6	143.3	0.0	4,349.5
2018	306.5	2.1	R 168.6	76.4	R 4.3	(s)	R 249.3	10.1	R 53.4	0.0	R 314.8	130.5	0.0	4,445.8
2019	303.9	1.9	155.8	76.0	3.4	(s)	235.1	10.1	68.4	0.0	315.5	129.4	0.0	4,376.4

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

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

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

^h Excludes denaturant. Because of differences in data sources and estimation methods, the ratio of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes.

ⁱ Losses and co-products from the production of biodiesel and fuel ethanol.

^j Solar thermal and photovoltaic energy.

^k Includes the energy losses associated with the generation, transmission, and distribution of the electricity flowing across state lines. A positive number indicates that more electricity came into the state than went out of the state during the year.

Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

^l Electricity traded with Canada and Mexico. Calculated by converting net imports in kilowatt-hours by 3,412 Btu per kilowatt-hour.

NA = Not available.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Notes: Totals may not equal sum of components due to independent rounding. The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

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Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.