

Table PT2. Primary Energy Production Estimates in Trillion Btu, California, 1960-2019

Year	Fossil Fuels			Nuclear Electric Power	Renewable Energy			Total
	Coal <sup>a</sup>	Natural Gas <sup>b</sup>	Crude Oil <sup>c</sup>		Biofuels <sup>d</sup>	Wood and Waste <sup>e</sup>	Other <sup>f</sup>	
Trillion Btu								
1960	0.0	589.8 R	1,771.0	(s)	NA	82.1	188.1	2,631.0 R
1961	0.0	633.9 R	1,737.7	0.1	NA	83.5	164.7	2,619.9 R
1962	0.0	643.0 R	1,720.2	0.1	NA	86.9	242.1	2,692.4 R
1963	0.0	736.8 R	1,745.3	2.3	NA	93.0	267.3	2,844.6 R
1964	0.0	756.8 R	1,740.1	4.4	NA	98.4	233.3	2,832.9 R
1965	0.0	752.6 R	1,835.3	3.2	NA	97.5	321.0	3,009.6 R
1966	0.0	785.9 R	2,002.7	1.9	NA	100.7	275.2	3,166.4 R
1967	0.0	776.2 R	2,083.5	6.5	NA	101.9	371.3	3,339.3 R
1968	0.0	814.7 R	2,165.8	17.0	NA	110.3	287.1	3,394.9 R
1969	0.0	772.3 R	2,119.0	27.1	NA	116.3	428.7	3,463.4 R
1970	0.0	739.8 R	2,013.5	34.4	NA	116.8	405.1	3,309.6 R
1971	0.0	700.7 R	1,898.8	38.1	NA	119.2	414.6	3,171.5 R
1972	0.0	562.1 R	1,881.9	34.3	NA	127.6	344.7	2,950.6 R
1973	0.0	507.4 R	1,840.1	28.7	NA	130.1	423.0	2,929.4 R
1974	0.0	419.4 R	1,776.1	41.3	NA	134.7	510.4	2,881.9 R
1975	0.0	365.5 R	1,779.2	66.9	NA	127.5	451.1	2,790.2 R
1976	0.0	400.5 R	1,809.9	53.1	NA	144.8	278.1	2,686.3 R
1977	0.0	353.8 R	1,956.6	87.4	NA	152.0	186.1	2,735.9 R
1978	0.0	352.4 R	1,944.2	83.8	NA	160.3	416.3	2,956.9 R
1979	0.0	282.3 R	1,979.5	95.3	NA	168.4	391.4	2,917.0 R
1980	0.0	342.5	2,011.5	53.7	NA	115.6	476.3	2,999.6
1981	0.0	415.0	2,119.1	35.4	0.0	131.7	370.6	3,071.8
1982	0.0	432.9	2,164.4	41.4	0.0	123.3	575.7	3,337.6
1983	0.0	463.7	2,170.1	61.2	0.0	144.8	662.4	3,502.2
1984	0.0	527.2	2,213.4	153.4	0.0	162.7	530.9	3,587.6
1985	0.9	546.3	2,285.2	209.6	0.6	165.3	427.6	3,635.4
1986	0.0	511.6	2,192.7	277.3	0.6	127.4	539.0	3,648.6
1987	0.6	469.1	2,114.7	317.3	0.7	155.5	366.5	3,424.3
1988	0.6	444.6	2,057.4	327.2	0.7	164.6	346.8	3,342.0
1989	0.5	404.9	1,920.8	344.1	0.6	231.9	506.4	3,409.3
1990	0.7	401.4	1,861.0	346.0	0.5	218.4	450.4	3,278.5
1991	0.7	414.4	1,853.1	330.7	0.6	214.0	438.9	3,252.4
1992	1.2	402.6	1,771.8	369.0	0.7	225.7	415.9	3,187.0
1993	0.0	352.9	1,699.9	331.7	0.7	191.7	628.4	3,205.3
1994	0.0	340.4	1,659.1	352.8	0.8	192.7	440.1	2,985.9
1995	0.0	308.6	1,618.1	317.8	0.7	172.9	672.6	3,090.6
1996	0.0	320.8	1,638.0	358.1	0.3	167.6	649.8	3,134.7
1997	0.0	314.2	1,654.0	320.2	0.5	151.2	608.5	3,048.7
1998	0.0	350.2	1,645.0	362.9	0.6	141.1	691.3	3,191.2
1999	0.0	411.1	1,583.5	348.7	0.6	150.6	608.9	3,103.3
2000	0.0	391.3	1,572.6	366.8	0.7	158.3	577.6	3,067.3
2001	0.0	408.9	1,511.8	346.9	0.8	156.2	451.1	2,875.7
2002	0.0	395.0	1,495.8	358.7	1.1	162.1	513.1	2,925.8
2003	0.0	373.8	1,438.9	371.0	1.3	155.3	562.9	2,903.2
2004	0.0	356.8	1,392.8	315.6	1.3	155.8	540.5	2,762.8
2005	0.0	354.4	1,335.3	377.3	2.5	145.6	593.4	2,808.5
2006	0.0	351.7	1,293.5	333.5	5.9	138.8	677.7	2,801.1
2007	0.0	343.4	1,267.4	375.4	12.8	137.8	481.7	2,618.6
2008	0.0	331.8	1,244.3	339.5	13.7	140.8	449.9	2,520.1
2009	0.0	310.4	1,202.1	332.2	7.2	152.0	487.9	2,492.0
2010	0.0	320.7	1,162.1	336.6	8.6 R	159.4	546.4	2,533.9 R
2011	0.0	280.3	1,137.8	383.6	22.3 R	157.8	654.7	2,636.5 R
2012	0.0	278.2	1,143.8	193.9	21.9 R	156.1	523.4	2,317.3 R
2013	0.0	287.9	1,153.8	187.2	23.4 R	165.6	553.4	2,371.2 R
2014	0.0	271.8	1,187.3	177.7	28.8 R	166.8	554.5	2,386.7 R
2015	0.0	271.1	1,150.7	193.5	30.4 R	139.6	567.4	2,352.7 R
2016	0.0	234.1	1,064.7	197.8	32.5 R	129.6 R	767.4	2,426.0 R
2017	0.0	240.2	992.4	187.2	33.9 R	130.5 R	957.4 R	2,541.7 R
2018	0.0	228.9	965.3	190.4	35.0 R	133.3 R	857.5 R	2,410.4 R
2019	0.0	220.8	920.1	168.8	31.4	139.3	968.9	2,449.4

<sup>a</sup> Beginning in 2001, includes refuse recovery.

<sup>b</sup> Marketed production. Includes Pacific federal offshore production.

<sup>c</sup> Includes lease condensate.

<sup>d</sup> Biomass inputs (feedstock) to the production of biofuels.

<sup>e</sup> Wood energy production and biomass waste energy consumption

<sup>f</sup> Consumption of noncombustible renewable energy, including hydroelectric power as well as geothermal, solar, and wind energy

NA = Not available.

Where shown, R = Revised.

Where shown, (s) = Less than 0.05 trillion Btu.

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

Sources: Data sources, estimation procedures, and assumptions are described in the documentation at <http://www.eia.gov/state/seds/seds-technical-notes-complete.php>