

Table PT2. Primary energy production estimates in trillion Btu, California, 1960-2022

Year	Fossil fuels			Nuclear electric power	Renewable energy			Total
	Coal ^a	Natural gas ^b	Crude oil ^c		Biofuels ^d	Wood and waste ^e	Other ^f	
1960	0.0	589.8	1,771.0	(s)	NA	82.1	59.6 R	2,502.6 R
1965	0.0	752.6	1,835.3	3.2	NA	97.5	104.8 R	2,793.3 R
1966	0.0	785.9	2,002.7	1.9	NA	100.7	90.2 R	2,981.3 R
1967	0.0	776.2	2,083.5	6.5	NA	101.9	121.4 R	3,089.5 R
1968	0.0	814.7	2,165.8	17.0	NA	110.3	94.2 R	3,202.0 R
1969	0.0	772.3	2,119.0	27.1	NA	116.3	140.0 R	3,174.7 R
1970	0.0	739.8	2,013.5	34.4	NA	116.8	131.7 R	3,036.2 R
1971	0.0	700.7	1,898.8	38.1	NA	119.2	135.0 R	2,891.9 R
1972	0.0	562.1	1,881.9	34.3	NA	127.6	113.3 R	2,719.2 R
1973	0.0	507.4	1,840.1	28.7	NA	130.1	138.9 R	2,645.3 R
1974	0.0	419.4	1,776.1	41.3	NA	134.7	166.8 R	2,538.3 R
1975	0.0	365.5	1,779.2	66.9	NA	127.5	147.9 R	2,487.0 R
1976	0.0	400.5	1,809.9	53.1	NA	144.8	91.5 R	2,499.7 R
1977	0.0	353.8	1,956.6	87.4	NA	152.0	60.8 R	2,610.7 R
1978	0.0	352.4	1,944.2	83.8	NA	160.3	137.1 R	2,677.7 R
1979	0.0	282.3	1,979.5	95.3	NA	168.4	129.0 R	2,654.5 R
1980	0.0	342.5	2,011.5	53.7	NA	115.6	156.4 R	2,679.7 R
1981	0.0	415.0	2,119.1	35.4	0.0	131.7	121.0 R	2,822.2 R
1982	0.0	432.9	2,164.4	41.4	0.0	123.3	187.9 R	2,949.8 R
1983	0.0	463.7	2,170.1	61.2	0.0	144.8	214.8 R	3,054.7 R
1984	0.0	527.2	2,213.4	153.4	0.0	162.7	173.5 R	3,230.3 R
1985	0.9	546.3	2,285.2	209.6	0.6	165.3	139.7 R	3,347.5 R
1986	0.0	511.6	2,192.7	277.3	0.6	127.4	176.1 R	3,285.8 R
1987	0.6	469.1	2,114.7	317.3	0.7	155.5	120.1 R	3,177.9 R
1988	0.6	444.6	2,057.4	327.2	0.7	164.6	114.7 R	3,109.9 R
1989	0.5	404.9	1,920.8	344.1	0.6	231.9	177.6 R	3,080.5 R
1990	0.7	401.4	1,861.0	346.0	0.5	218.4	160.5 R	2,988.6 R
1991	0.7	414.4	1,853.1	330.7	0.6	214.0	156.8 R	2,970.3 R
1992	1.2	402.6	1,771.8	369.0	0.7	225.7	150.9 R	2,922.0 R
1993	0.0	352.9	1,699.9	331.7	0.7	191.7	222.0 R	2,798.9 R
1994	0.0	340.4	1,659.1	352.8	0.8	192.7	159.9 R	2,705.7 R
1995	0.0	308.6	1,618.1	317.8	0.7	172.9	237.1 R	2,655.1 R
1996	0.0	320.8	1,638.0	358.1	0.3	167.6	229.0 R	2,713.8 R
1997	0.0	314.2	1,654.0	320.2	0.5	151.2	217.6 R	2,657.8 R
1998	0.0	350.2	1,645.0	362.9	0.6	141.1	245.4 R	2,745.3 R
1999	0.0	411.1	1,583.5	348.7	0.6	150.6	216.5 R	2,710.9 R
2000	0.0	391.3	1,572.6	366.8	0.7	158.3	206.0 R	2,695.7 R
2001	0.0	408.9	1,511.8	346.9	0.8	156.2	161.3 R	2,585.9 R
2002	0.0	395.0	1,495.8	358.7	1.1	162.1	183.9 R	2,596.5 R
2003	0.0	373.8	1,438.9	371.0	1.3	155.3	200.8 R	2,541.2 R
2004	0.0	356.8	1,392.8	315.6	1.3	155.8	195.1 R	2,417.4 R
2005	0.0	354.4	1,335.3	377.3	2.5	145.6	213.1 R	2,428.3 R
2006	0.0	351.7	1,293.5	333.5	5.9	138.8	244.0 R	2,367.4 R
2007	0.0	343.4	1,267.4	375.4	12.8	137.8	177.5 R	2,314.4 R
2008	0.0	331.8	1,244.3	339.5	13.7	140.8	167.1 R	2,237.3 R
2009	0.0	310.4	1,202.1	332.2	7.2	152.0	181.7 R	2,185.8 R
2010	0.0	320.7	1,162.1	336.6	8.6	159.4	202.5 R	2,189.9 R
2011	0.0	280.3	1,137.8	383.6	22.9	157.8	241.5 R	2,223.9 R
2012	0.0	278.2	1,143.8	193.9	22.4	156.1	199.3 R	1,993.7 R
2013	0.0	287.9	1,153.8	187.2	24.0	165.6	210.4 R	2,028.8 R
2014	0.0	271.8	1,187.6	177.7	29.5	166.8	211.6 R	2,044.9 R
2015	0.0	271.1	1,150.7	193.5	31.4	139.6	220.3 R	2,006.7 R
2016	0.0	234.1	1,064.7	197.8	36.4	129.6	296.3 R	1,958.9 R
2017	0.0	240.2	992.4	187.2	39.8	130.6 R	367.4 R	1,957.7 R
2018	0.0	228.9	916.7	190.4	39.6 R	133.4	334.1 R	1,843.2 R
2019	0.0	220.8	890.9	168.8	37.0 R	139.4 R	383.8 R	1,840.6 R
2020	0.0	177.1 R	809.4	169.8	24.9 R	144.4 R	341.3 R	1,666.9 R
2021	0.0	156.1 R	776.8 R	171.8 R	36.7	145.0 R	347.2 R	1,633.7 R
2022	0.0	155.3	708.9	183.5	36.8	123.1	383.3	1,591.0

^a Beginning in 2001, includes refuse recovery.

^b Marketed production, which includes natural gas plant liquids (NGPLs).

Includes Pacific federal offshore production.

^c Includes lease condensate.

^d Biomass inputs (feedstock such as corn and soy) to the production of ethanol and biodiesel. For 2011 forward includes production of renewable diesel fuel.

^e Wood energy production and biomass waste energy consumption.

^f Consumption of noncombustible renewable energy, including

geothermal, hydroelectric power, 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.

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

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes.

<http://www.eia.gov/state/seds/>