





**Table CT2. Primary energy consumption estimates, selected years, 1960-2022, Utah (continued)**  
(trillion Btu)

Year	Nuclear electric power	Renewable energy										Net interstate flow of electricity <sup>k</sup>	Electricity net imports <sup>l</sup>	Total <sup>f</sup>
		Hydro-electric power <sup>e,f</sup>	Biomass					Geo-thermal <sup>f</sup>	Solar <sup>fj</sup>	Wind	Total <sup>f</sup>			
			Wood and waste <sup>f,g</sup>	Fuel ethanol <sup>h</sup>	Biodiesel	Renewable diesel	Losses and co-products <sup>i</sup>							
1960	0.0	R 1.0	2.2	NA	NA	NA	2.2	0.0	NA	NA	R 3.3	R 3.6	0.0	R 297.8
1965	0.0	R 3.1	2.0	NA	NA	NA	2.0	0.0	NA	NA	R 5.1	R 11.5	0.0	R 334.1
1970	0.0	R 2.5	2.3	NA	NA	NA	2.3	0.0	NA	NA	R 4.8	R 26.6	0.0	R 390.4
1971	0.0	R 3.4	2.3	NA	NA	NA	2.3	0.0	NA	NA	R 5.7	R 29.8	0.0	R 408.0
1972	0.0	R 4.2	2.5	NA	NA	NA	2.5	0.0	NA	NA	R 6.7	R 33.7	0.0	R 420.8
1973	0.0	R 3.8	3.1	NA	NA	NA	3.1	0.0	NA	NA	R 6.9	R 37.5	0.0	R 450.0
1974	0.0	R 3.2	2.6	NA	NA	NA	2.6	0.0	NA	NA	R 5.8	R 36.2	0.0	R 464.6
1975	0.0	R 3.7	2.9	NA	NA	NA	2.9	0.0	NA	NA	R 6.6	R 26.9	0.0	R 471.1
1976	0.0	R 3.9	3.3	NA	NA	NA	3.3	0.0	NA	NA	R 7.1	R 47.0	0.0	R 501.6
1977	0.0	R 2.6	3.8	NA	NA	NA	3.8	0.0	NA	NA	R 6.4	R 26.8	0.0	R 479.0
1978	0.0	R 2.5	4.5	NA	NA	NA	4.5	0.0	NA	NA	R 7.0	R 20.1	0.0	R 501.2
1979	0.0	R 2.7	5.3	NA	NA	NA	5.3	0.0	NA	NA	R 8.1	R 3.1	0.0	R 516.5
1980	0.0	R 2.8	4.5	NA	NA	NA	4.5	0.0	NA	NA	R 7.3	R -6.3	0.0	R 494.5
1981	0.0	R 2.1	5.9	0.0	NA	NA	5.9	0.0	NA	NA	R 8.0	R 6.1	0.0	R 467.8
1982	0.0	R 3.5	6.0	(s)	NA	NA	6.1	0.0	NA	NA	R 9.5	R 8.2	0.0	R 454.5
1983	0.0	R 4.8	6.5	0.0	NA	NA	6.5	0.0	NA	0.0	R 11.3	R 10.3	0.0	R 477.0
1984	0.0	R 4.7	6.7	0.2	NA	NA	6.9	R 0.1	0.0	0.0	R 11.8	R -6.6	0.0	R 491.1
1985	0.0	R 3.5	6.9	(s)	NA	NA	6.9	R 0.4	0.0	0.0	R 10.8	R -19.0	0.0	R 488.9
1986	0.0	R 4.8	6.5	(s)	NA	NA	6.5	R 0.6	0.0	0.0	R 11.9	R -29.6	0.0	R 459.1
1987	0.0	R 2.9	3.6	(s)	NA	NA	3.6	R 0.6	0.0	0.0	R 7.1	R -127.7	0.1	R 452.4
1988	0.0	R 2.0	3.9	(s)	NA	NA	3.9	R 0.6	0.0	0.0	R 6.5	R -141.7	0.0	R 517.2
1989	0.0	R 1.9	3.5	(s)	NA	NA	3.5	R 1.0	(s)	0.0	R 6.5	R -143.6	(s)	R 526.2
1990	0.0	R 1.7	3.4	(s)	NA	NA	3.4	R 0.9	(s)	0.0	R 6.2	R -157.4	0.0	R 535.8
1991	0.0	R 2.1	3.6	(s)	NA	NA	3.6	R 1.1	(s)	0.0	R 6.8	R -134.2	0.0	R 564.9
1992	0.0	R 2.1	3.8	(s)	NA	NA	3.8	R 1.1	(s)	0.0	R 6.9	R -152.7	0.0	R 551.4
1993	0.0	R 2.9	3.7	0.1	NA	NA	3.8	R 0.9	(s)	0.0	R 7.7	R -157.8	0.0	R 575.8
1994	0.0	R 2.6	3.6	0.0	NA	NA	3.6	R 1.1	0.1	0.0	R 7.3	R -158.6	0.0	R 586.4
1995	0.0	R 3.3	3.6	0.0	NA	NA	3.6	R 1.0	0.1	0.0	R 7.9	R -128.4	0.0	R 635.7
1996	0.0	R 3.6	3.8	0.1	NA	NA	3.9	R 1.1	0.1	0.0	R 8.6	R -114.0	0.0	R 664.9
1997	0.0	R 4.6	4.4	0.0	NA	NA	4.4	R 1.1	0.1	0.0	R 10.1	R -124.7	0.1	R 678.3
1998	0.0	R 4.5	3.9	1.0	NA	NA	4.9	R 1.1	(s)	0.0	R 10.5	R -133.0	(s)	R 701.8
1999	0.0	R 4.3	5.4	0.9	NA	NA	6.2	R 1.1	(s)	0.0	R 11.6	R -127.7	0.0	R 693.6
2000	0.0	R 2.5	5.7	1.0	NA	NA	6.7	R 1.1	(s)	0.0	R 10.3	R -114.2	0.0	R 740.3
2001	0.0	R 1.7	3.4	1.3	(s)	NA	4.7	R 1.1	(s)	0.0	R 7.6	R -109.1	0.0	R 710.8
2002	0.0	R 1.6	3.4	0.3	(s)	NA	3.7	R 1.3	(s)	0.0	R 6.7	R -117.2	(s)	R 690.7
2003	0.0	R 1.4	3.4	0.3	(s)	NA	3.7	R 1.2	(s)	0.0	R 6.4	R -123.8	(s)	R 701.6
2004	0.0	R 1.5	3.5	0.1	(s)	NA	3.6	R 1.2	(s)	0.0	R 6.5	R -115.4	0.1	R 732.5
2005	0.0	R 2.7	3.2	2.1	(s)	NA	5.4	R 1.3	(s)	0.0	R 9.4	R -113.8	0.1	R 757.6
2006	0.0	R 2.5	3.2	1.8	0.1	NA	5.1	R 1.3	(s)	0.0	R 9.0	R -125.1	(s)	R 775.1
2007	0.0	R 1.8	3.3	3.1	0.1	NA	6.5	R 1.3	(s)	0.0	R 9.7	R -153.5	-0.1	R 778.1
2008	0.0	R 2.3	3.8	3.8	0.1	NA	7.6	R 1.7	(s)	R 0.1	R 11.7	R -159.9	-0.1	R 764.2
2009	0.0	R 2.8	2.7	4.3	0.1	NA	7.1	R 1.7	0.1	R 0.5	R 12.3	R -129.0	-0.1	R 736.1
2010	0.0	R 2.4	3.0	5.0	0.1	NA	8.1	R 1.7	0.1	R 1.5	R 13.7	R -111.6	(s)	R 746.1
2011	0.0	R 4.2	2.7	6.7	0.2	0.0	9.6	R 1.9	0.1	R 2.0	R 17.8	R -92.3	(s)	R 779.1
2012	0.0	R 2.6	2.5	7.1	0.3	0.0	10.0	R 2.0	R 0.1	R 2.4	R 17.0	R -65.1	(s)	R 776.0
2013	0.0	R 1.7	2.9	7.7	0.2	0.0	10.9	R 1.9	R 0.1	R 1.8	R 16.5	R -88.4	-0.1	R 813.5
2014	0.0	R 2.2	3.1	7.6	0.5	0.0	11.2	R 2.6	R 0.2	R 2.3	R 18.4	R -103.7	(s)	R 784.8
2015	0.0	R 2.6	5.2	9.6	0.2	0.0	15.0	R 2.3	R 0.4	R 2.1	R 22.4	R -84.4	0.1	R 787.2
2016	0.0	R 2.6	5.5	10.3	0.8	0.0	R 16.5	R 2.5	R 4.2	R 2.8	R 28.6	R -44.4	(s)	R 788.8
2017	0.0	R 4.4	5.1	10.4	0.5	0.0	16.0	R 2.4	R 8.6	R 2.9	R 34.4	R -36.4	(s)	R 798.5
2018	0.0	R 3.2	5.9	10.3	0.6	0.0	R 16.8	R 2.3	R 9.0	R 2.7	R 34.0	R -52.3	0.1	R 819.0
2019	0.0	R 3.0	R 5.9	10.9	1.0	0.0	17.8	R 1.9	R 9.1	R 2.8	R 34.5	R -51.8	0.0	R 832.0
2020	0.0	R 2.8	R 4.4	10.1	1.1	0.0	15.5	R 2.1	R 10.7	R 2.7	R 33.9	R -28.6	0.0	R 801.4
2021	0.0	R 1.7	R 3.8	10.2	0.6	0.0	14.5	R 2.2	R 14.2	R 2.8	R 35.4	R -68.5	0.0	R 821.3
2022	0.0	2.0	4.2	9.4	0.4	0.0	14.0	2.4	15.9	2.5	36.7	-33.3	0.0	848.7

<sup>e</sup> Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.

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

<sup>g</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

<sup>h</sup> 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.

<sup>i</sup> Losses and co-products from the production of biodiesel and fuel ethanol.

<sup>j</sup> Solar thermal and photovoltaic energy.

<sup>k</sup> 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.

<sup>l</sup> 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.

Web Page: All data are available at <https://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/>



Table CT4. Residential sector energy consumption estimates, selected years, 1960-2022, Utah

Year	Coal <sup>a</sup> Thousand short tons	Natural gas <sup>b</sup> Billion cubic feet	Petroleum				Biomass			Electricity <sup>g</sup> Million kilowatthours	End use <sup>e,h</sup>	Electrical system energy losses <sup>i</sup>	Total <sup>e,h</sup>
			Distillate fuel oil	HGL <sup>c</sup>	Kerosene	Total	Wood <sup>d</sup>	Geothermal <sup>e</sup>	Solar <sup>e,f</sup>				
	Thousand barrels							Wood <sup>d</sup>	Geothermal <sup>e</sup>	Solar <sup>e,f</sup>			
1960	147	23	100	175	1	276	--	--	--	1,012	--	--	--
1965	103	31	98	356	20	474	--	--	--	1,243	--	--	--
1970	61	45	143	489	6	639	--	--	--	1,688	--	--	--
1975	39	60	357	397	4	758	--	--	--	2,493	--	--	--
1980	50	58	112	246	0	357	--	--	--	3,116	--	--	--
1985	55	59	67	445	10	521	--	--	--	3,985	--	--	--
1990	53	43	139	299	5	442	--	--	--	4,246	--	--	--
1995	10	49	72	148	3	223	--	--	--	5,041	--	--	--
2000	6	56	79	415	4	498	--	--	--	6,514	--	--	--
2005	4	58	26	551	1	579	--	--	--	7,567	--	--	--
2006	3	60	29	644	2	675	--	--	--	8,232	--	--	--
2007	2	61	28	578	2	608	--	--	--	8,752	--	--	--
2008	0	66	17	666	1	684	--	--	--	8,786	--	--	--
2009	0	65	23	643	1	667	--	--	--	8,725	--	--	--
2010	0	66	20	442	(s)	462	--	--	--	8,834	--	--	--
2011	0	70	24	535	(s)	559	--	--	--	8,947	--	--	--
2012	0	60	26	416	(s)	442	--	--	--	9,188	--	--	--
2013	0	70	18	547	(s)	565	--	--	--	9,402	--	--	--
2014	0	62	20	455	(s)	475	--	--	--	8,964	--	--	--
2015	0	59	22	395	(s)	417	--	--	--	9,117	--	--	--
2016	0	64	26	403	1	430	--	--	--	9,371	--	--	--
2017	0	67	23	648	(s)	671	--	--	--	9,511	--	--	--
2018	0	67	26	656	(s)	682	--	--	--	9,715	--	--	--
2019	0	76	24	795	(s)	819	--	--	--	9,740	--	--	--
2020	0	74	18	479	(s)	497	--	--	--	10,547	--	--	--
2021	0	72	22	406	(s)	429	--	--	--	10,950	--	--	--
2022	0	79	23	583	(s)	605	--	--	--	11,344	--	--	--

  

Trillion Btu													
1960	3.8	23.4	0.6	0.7	(s)	1.3	1.8	NA	NA	3.5	33.8	R 7.0	R 40.7
1965	2.7	28.4	0.6	1.4	0.1	2.1	1.6	NA	NA	4.2	38.9	R 8.3	R 47.2
1970	1.5	41.9	0.8	1.9	(s)	2.7	1.7	NA	NA	5.8	53.6	R 11.8	R 65.4
1975	0.9	56.8	2.1	1.5	(s)	3.6	2.0	NA	NA	8.5	71.8	R 17.4	R 89.2
1980	1.2	62.9	0.6	0.9	0.0	1.6	3.8	NA	NA	10.6	80.1	R 22.6	R 102.7
1985	1.3	63.1	0.4	1.7	0.1	2.1	6.0	NA	NA	13.6	86.2	R 27.6	R 113.8
1990	1.2	47.3	0.8	1.1	(s)	2.0	3.0	0.1	(s)	14.5	68.0	R 29.2	R 97.2
1995	0.2	52.1	0.4	0.6	(s)	1.0	3.0	0.1	0.1	17.2	73.6	R 36.6	R 110.2
2000	0.1	58.5	0.5	1.6	(s)	2.1	3.5	(s)	(s)	22.2	86.5	R 47.9	R 134.3
2005	0.1	61.2	0.2	2.1	(s)	2.3	1.9	(s)	(s)	25.8	91.3	R 57.5	R 148.8
2006	0.1	63.4	0.2	2.5	(s)	2.7	1.7	(s)	(s)	28.1	96.0	R 58.2	R 154.2
2007	0.1	63.9	0.2	2.2	(s)	2.4	1.9	(s)	(s)	29.9	98.2	R 57.9	R 156.1
2008	0.0	70.1	0.1	2.6	(s)	2.7	2.1	(s)	(s)	30.0	104.9	R 56.9	R 161.8
2009	0.0	68.2	0.1	2.5	(s)	2.6	1.0	(s)	0.1	29.8	101.7	R 58.0	R 159.7
2010	0.0	69.2	0.1	1.7	(s)	1.8	1.1	(s)	0.1	30.1	102.4	R 59.6	R 162.0
2011	0.0	72.8	0.1	2.1	(s)	2.2	1.1	0.2	0.1	30.5	106.9	R 59.6	R 166.5
2012	0.0	62.5	0.1	1.6	(s)	1.7	0.9	0.1	0.1	31.4	96.7	R 61.4	R 158.1
2013	0.0	74.0	0.1	2.1	(s)	2.2	1.2	0.1	0.1	32.1	R 109.6	R 63.4	R 173.1
2014	0.0	65.3	0.1	1.7	(s)	1.9	1.2	0.1	R 0.1	30.6	R 99.1	R 57.4	R 156.5
2015	0.0	61.3	0.1	1.5	(s)	1.6	3.1	0.1	R 0.2	31.1	R 97.4	R 58.5	R 155.9
2016	0.0	66.8	0.2	1.5	(s)	1.7	3.2	0.1	R 0.4	32.0	R 104.2	R 56.7	R 160.8
2017	0.0	69.6	0.1	2.5	(s)	2.6	3.2	0.1	R 0.8	32.5	R 108.7	R 57.0	R 165.7
2018	0.0	70.3	0.2	2.5	(s)	2.7	4.2	0.1	R 1.1	33.1	R 111.4	R 57.5	R 168.9
2019	0.0	79.5	0.1	3.1	(s)	3.2	R 4.2	0.1	R 1.3	33.2	R 121.6	R 58.2	R 179.7
2020	0.0	77.4	0.1	1.8	(s)	1.9	R 2.5	0.1	R 1.5	36.0	R 119.5	R 62.4	R 181.9
2021	0.0	75.0	0.1	1.6	(s)	1.7	R 2.1	0.1	R 1.9	37.4	R 118.1	R 62.5	R 180.6
2022	0.0	82.4	0.1	2.2	(s)	2.4	2.6	0.1	2.2	38.7	128.4	63.7	192.1

<sup>a</sup> Beginning in 2008, data are no longer collected and are assumed to be zero.  
<sup>b</sup> Includes supplemental gaseous fuels that are commingled with natural gas.  
<sup>c</sup> Hydrocarbon gas liquids, assumed to be propane only.  
<sup>d</sup> Wood and wood-derived fuels.  
<sup>e</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.  
<sup>f</sup> Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.  
<sup>g</sup> Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.  
<sup>h</sup> 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 End Use and Total.

<sup>i</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.  
 -- = Not applicable. NA = Not available.  
 Where shown, R = Revised data and (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 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>.  
 Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>





U T A H Table CT7. Transportation sector energy consumption estimates, selected years, 1960-2022, Utah

Year	Coal Thousand short tons	Natural gas <sup>a</sup> Billion cubic feet	Petroleum								Electricity <sup>f</sup> Million kilowatthours	End use <sup>g,h</sup>	Electrical system energy losses <sup>i</sup>	Total <sup>g,h</sup>
			Aviation gasoline	Distillate fuel oil <sup>b</sup>	HGL <sup>c</sup>	Jet fuel <sup>d</sup>	Lubricants	Motor gasoline <sup>e</sup>	Residual fuel oil	Total				
			Thousand barrels											
1960	45	(s)	595	2,312	35	1,003	152	7,232	370	11,698	0	--	--	--
1965	8	(s)	383	2,569	12	1,244	151	8,534	98	12,991	0	--	--	--
1970	4	(s)	178	2,870	6	1,808	161	11,845	25	16,893	0	--	--	--
1975	(s)	161	4,141	11	1,903	158	14,586	68	21,028	0	--	--	--	--
1980	0	1	139	4,974	14	2,637	194	15,288	0	23,245	0	--	--	--
1985	0	1	94	4,121	76	3,808	176	15,932	0	24,207	0	--	--	--
1990	0	1	106	5,056	51	5,281	198	16,430	48	27,169	0	--	--	--
1995	0	3	64	6,566	32	5,658	189	20,428	0	32,936	0	--	--	--
2000	0	4	84	8,353	43	7,701	202	23,633	0	40,015	8	--	--	--
2005	0	9	107	10,021	47	7,394	170	24,067	0	41,806	28	--	--	--
2006	0	11	110	13,018	64	7,560	166	24,676	0	45,593	29	--	--	--
2007	0	12	78	12,745	39	7,085	171	25,505	0	45,624	34	--	--	--
2008	0	12	110	10,967	63	6,509	159	24,541	0	42,349	33	--	--	--
2009	0	10	138	10,326	36	5,751	143	24,830	0	41,225	32	--	--	--
2010	0	11	65	10,570	15	5,031	221	24,370	0	40,271	34	--	--	--
2011	0	12	61	12,713	15	4,825	237	25,149	0	43,000	35	--	--	--
2012	0	13	57	11,702	15	4,608	211	24,812	0	41,405	38	--	--	--
2013	0	14	49	11,802	24	4,468	222	25,666	0	42,231	54	--	--	--
2014	0	14	63	11,324	25	4,816	222	26,133	0	42,583	61	--	--	--
2015	0	14	60	11,495	24	5,288	247	26,962	0	44,076	56	--	--	--
2016	0	13	56	11,422	44	5,963	R 235	27,698	0	R 45,417	57	--	--	--
2017	0	11	55	11,882	9	6,357	R 221	27,922	0	R 46,445	56	--	--	--
2018	0	13	59	12,300	5	8,619	R 211	27,860	0	R 49,054	51	--	--	--
2019	0	13	60	11,908	12	7,501	R 202	28,797	0	R 48,479	52	--	--	--
2020	0	12	59	12,836	14	5,251	R 196	26,546	0	R 44,903	49	--	--	--
2021	0	12	59	R 12,149	16	7,369	R 198	28,090	0	R 47,946	49	--	--	--
2022	0	12	61	13,637	12	8,049	224	27,979	0	50,005	46	--	--	--

  

Trillion Btu														
1960	1.2	0.1	3.0	13.5	0.1	5.4	0.9	38.0	2.3	63.2	0.0	64.5	0.0	64.5
1965	0.2	0.4	1.9	15.0	(s)	6.8	0.9	44.8	0.6	70.1	0.0	70.6	0.0	70.6
1970	0.1	0.5	0.9	16.7	(s)	10.0	1.0	62.2	0.2	91.0	0.0	91.5	0.0	91.5
1975	(s)	0.3	0.8	24.1	(s)	10.6	1.0	76.6	0.4	113.6	0.0	113.8	0.0	113.8
1980	0.0	0.9	0.7	29.0	0.1	14.6	1.2	80.3	0.0	125.8	0.0	126.8	0.0	126.8
1985	0.0	1.3	0.5	24.0	0.3	21.3	1.1	83.7	0.0	130.8	0.0	132.1	0.0	132.1
1990	0.0	1.0	0.5	29.4	0.2	29.7	1.2	86.3	0.3	147.7	0.0	148.7	0.0	148.7
1995	0.0	3.3	0.3	38.2	0.1	31.8	1.1	106.3	0.0	178.0	0.0	181.3	0.0	181.3
2000	0.0	3.7	0.4	48.6	0.2	43.7	1.2	122.9	0.0	217.0	(s)	220.7	0.1	220.8
2005	0.0	9.5	0.5	58.3	0.2	41.9	1.0	125.0	0.0	226.9	0.1	236.6	0.2	236.8
2006	0.0	12.0	0.6	75.5	0.2	42.9	1.0	127.9	0.0	248.2	0.1	260.3	0.2	260.5
2007	0.0	12.9	0.4	73.7	0.2	40.2	1.0	131.1	0.0	246.6	0.1	259.7	0.2	259.9
2008	0.0	12.5	0.6	63.4	0.2	36.9	1.0	125.3	0.0	227.4	0.1	240.0	0.2	240.2
2009	0.0	10.9	0.7	59.7	0.1	32.6	0.9	126.4	0.0	220.4	0.1	231.3	0.2	231.6
2010	0.0	11.0	0.3	61.0	0.1	28.5	1.3	123.5	0.0	214.8	0.1	225.9	0.2	226.2
2011	0.0	12.1	0.3	73.4	0.1	27.4	1.4	127.3	0.0	229.8	0.1	242.1	0.2	242.3
2012	0.0	13.8	0.3	67.5	0.1	26.1	1.3	125.6	0.0	220.8	0.1	234.8	0.3	235.0
2013	0.0	14.3	0.2	68.0	0.1	25.3	1.3	129.9	0.0	224.9	0.2	239.4	0.4	239.8
2014	0.0	15.1	0.3	65.3	0.1	27.3	1.3	132.2	0.0	226.5	0.2	241.8	0.4	242.2
2015	0.0	15.0	0.3	66.2	0.1	30.0	1.5	136.3	0.0	234.5	0.2	249.6	0.4	250.0
2016	0.0	13.3	0.3	65.8	0.2	33.8	1.4	140.0	0.0	R 241.5	0.2	R 255.0	R 0.3	255.3
2017	0.0	11.8	0.3	68.4	(s)	36.0	1.3	141.1	0.0	247.2	0.2	R 259.2	R 0.3	259.5
2018	0.0	13.2	0.3	70.8	(s)	48.9	1.3	140.8	0.0	262.1	0.2	275.5	0.3	275.8
2019	0.0	13.6	0.3	68.6	(s)	42.5	1.2	145.5	0.0	258.2	0.2	272.0	0.3	272.3
2020	0.0	12.9	0.3	73.9	0.1	29.8	1.2	134.1	0.0	239.3	0.2	252.4	0.3	252.7
2021	0.0	12.9	0.3	R 70.0	0.1	41.8	R 1.2	141.9	0.0	R 255.6	0.2	R 268.6	0.3	R 268.9
2022	0.0	12.7	0.3	78.6	(s)	45.6	1.4	141.3	0.0	267.5	0.2	280.3	0.3	280.6

<sup>a</sup> Transportation use of natural gas to operate pipelines and, since 1990, also includes vehicle fuel.  
<sup>b</sup> Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil.  
<sup>c</sup> Hydrocarbon gas liquids, assumed to be propane only.  
<sup>d</sup> 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 "Industrial sector, Other petroleum." There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes, see technical notes.  
<sup>e</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.  
<sup>f</sup> Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers. Sales to public railroads and railway systems only. Excludes electric vehicles.  
<sup>g</sup> There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.

<sup>h</sup> For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.  
<sup>i</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.  
-- = Not applicable.  
Where shown, R = Revised data and (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 continuity of these data series estimates may be affected by the 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>.  
Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes.  
<http://www.eia.gov/state/seds/>



Table CT8. Electric power sector consumption estimates, selected years, 1960-2022, Utah

Year	Coal Thousand short tons	Natural gas <sup>a</sup> Billion cubic feet	Petroleum				Nuclear electric power	Hydroelectric power <sup>d</sup>	Biomass Wood and waste <sup>e,f</sup>	Geothermal <sup>f</sup>	Solar <sup>f,g</sup>	Wind <sup>f</sup>	Electricity net imports <sup>h</sup>	Total <sup>f,i</sup>
			Distillate fuel oil <sup>b</sup>	Petroleum coke	Residual fuel oil <sup>c</sup>	Total								
			Thousand barrels											
1960	515	4	12	0	2,291	2,302	0	304	--	0	NA	NA	0	--
1965	363	5	8	0	1,597	1,605	0	910	--	0	NA	NA	0	--
1970	435	4	9	0	1,768	1,777	0	738	--	0	NA	NA	0	--
1975	2,026	3	10	0	152	162	0	1,074	--	0	NA	NA	0	--
1980	4,895	5	67	0	58	126	0	821	--	0	NA	NA	0	--
1985	6,325	(s)	55	0	25	80	0	1,019	--	110	0	0	0	--
1990	13,563	1	84	0	0	84	0	508	--	152	0	0	0	--
1995	13,693	9	66	0	0	66	0	969	--	140	0	0	0	--
2000	15,164	11	101	0	0	101	0	746	--	152	0	0	0	--
2005	17,118	12	74	0	0	74	0	784	--	185	0	0	40	--
2006	16,609	29	126	0	0	126	0	747	--	191	0	0	14	--
2007	16,593	56	73	0	0	73	0	539	--	164	0	0	-16	--
2008	16,927	55	78	0	0	78	0	668	--	254	0	24	-42	--
2009	15,925	50	63	0	0	63	0	835	--	279	0	160	-35	--
2010	15,233	48	81	0	0	81	0	696	--	277	0	448	4	--
2011	15,005	40	88	0	0	88	0	1,230	--	330	0	573	10	--
2012	14,084	47	69	0	0	69	0	748	--	335	2	704	10	--
2013	15,529	50	46	0	0	46	0	505	--	319	2	540	-18	--
2014	15,062	59	42	0	0	42	0	633	--	522	2	660	1	--
2015	14,580	56	34	0	0	34	0	769	--	430	32	626	15	--
2016	12,001	60	55	0	0	55	0	760	--	485	1,054	822	10	--
2017	12,438	41	66	0	0	66	0	1,294	--	481	2,211	858	8	--
2018	12,332	61	64	0	0	64	0	927	--	446	2,224	795	39	--
2019	11,891	67	70	0	0	70	0	875	--	310	2,186	819	0	--
2020	10,866	67	71	0	0	71	0	817	--	377	2,571	803	0	--
2021	12,274	76	68	0	0	68	0	459	--	420	3,479	825	0	--
2022	10,571	80	55	0	0	55	0	564	--	463	3,853	723	0	--

Trillion Btu

1960	12.8	3.8	0.1	0.0	14.4	14.5	0.0	R 1.0	0.0	0.0	NA	NA	0.0	R 32.2
1965	9.1	4.4	(s)	0.0	10.0	10.1	0.0	R 3.1	0.0	0.0	NA	NA	0.0	R 26.7
1970	10.8	3.3	0.1	0.0	11.1	11.2	0.0	R 2.5	0.0	0.0	NA	NA	0.0	R 27.8
1975	47.9	2.9	0.1	0.0	1.0	1.0	0.0	R 3.7	0.0	0.0	NA	NA	0.0	R 55.5
1980	112.1	4.9	0.4	0.0	0.4	0.8	0.0	R 2.8	0.0	0.0	NA	NA	0.0	R 120.6
1985	149.3	0.3	0.3	0.0	0.2	0.5	0.0	R 3.5	0.0	R 0.4	0.0	0.0	0.0	R 153.9
1990	312.0	0.9	0.5	0.0	0.0	0.5	0.0	R 1.7	0.0	R 0.5	0.0	0.0	0.0	R 315.7
1995	312.1	9.1	0.4	0.0	0.0	0.4	0.0	R 3.3	0.0	R 0.5	0.0	0.0	0.0	R 325.4
2000	347.6	11.0	0.6	0.0	0.0	0.6	0.0	R 2.5	1.4	R 0.5	0.0	0.0	0.0	R 363.7
2005	371.5	12.8	0.4	0.0	0.0	0.4	0.0	R 2.7	0.8	R 0.6	0.0	0.0	0.1	R 388.9
2006	366.2	30.4	0.7	0.0	0.0	0.7	0.0	R 2.5	0.8	R 0.7	0.0	0.0	(s)	R 401.3
2007	370.1	58.7	0.4	0.0	0.0	0.4	0.0	R 1.8	0.6	R 0.6	0.0	0.0	-0.1	R 432.2
2008	376.1	58.1	0.5	0.0	0.0	0.5	0.0	R 2.3	1.0	R 0.9	0.0	R 0.1	-0.1	R 438.7
2009	348.9	51.8	0.4	0.0	0.0	0.4	0.0	R 2.8	1.1	R 1.0	0.0	R 0.5	-0.1	R 406.4
2010	339.6	50.2	0.5	0.0	0.0	0.5	0.0	R 2.4	1.2	R 0.9	0.0	R 1.5	(s)	R 396.4
2011	332.4	41.4	0.5	0.0	0.0	0.5	0.0	R 4.2	1.3	R 1.1	0.0	R 2.0	(s)	R 383.0
2012	308.5	48.8	0.4	0.0	0.0	0.4	0.0	R 2.6	1.3	R 1.1	(s)	R 2.4	(s)	R 365.1
2013	340.5	51.1	0.3	0.0	0.0	0.3	0.0	R 1.7	1.4	R 1.1	(s)	R 1.8	-0.1	R 397.9
2014	330.1	60.5	0.2	0.0	0.0	0.2	0.0	R 2.2	1.5	R 1.8	(s)	R 2.3	(s)	R 398.6
2015	314.9	58.5	0.2	0.0	0.0	0.2	0.0	R 2.6	1.2	R 1.5	R 0.1	R 2.1	0.1	R 381.2
2016	255.9	61.6	0.3	0.0	0.0	0.3	0.0	R 2.6	1.3	R 1.7	R 3.6	R 2.8	(s)	R 329.9
2017	263.7	42.3	0.4	0.0	0.0	0.4	0.0	R 4.4	1.1	R 1.6	R 7.5	R 2.9	(s)	R 324.0
2018	264.4	63.2	0.4	0.0	0.0	0.4	0.0	R 3.2	0.8	R 1.5	R 7.6	R 2.7	0.1	R 343.9
2019	258.3	70.2	0.4	0.0	0.0	0.4	0.0	R 3.0	0.8	R 1.1	R 7.5	R 2.8	0.0	R 344.0
2020	237.2	69.8	0.4	0.0	0.0	0.4	0.0	R 2.8	0.8	R 1.3	R 8.8	R 2.7	0.0	R 323.8
2021	268.4	79.2	0.4	0.0	0.0	0.4	0.0	R 1.6	0.8	R 1.4	R 11.9	R 2.8	0.0	R 366.5
2022	230.5	83.8	0.3	0.0	0.0	0.3	0.0	1.9	0.8	1.6	13.1	2.5	0.0	334.5

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.

<sup>b</sup> Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.

<sup>c</sup> Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4, 5, and 6.

<sup>d</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

<sup>e</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

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

<sup>g</sup> Solar thermal and photovoltaic energy.

<sup>h</sup> Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

<sup>i</sup> 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 the total.

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.

Notes: Totals may not equal sum of components due to independent rounding. The electric power sector consists of electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. The continuity of these data series estimates may be affected by the 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>.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>