Table CT1. Energy consumption estimates for selected energy sources in physical units, selected years, 1960-2022, Utah

			Petroleum											
	Coal	Natural gas ^a	Distillate fuel oil ^b	HGL ^c	Jet fuel ^d	Motor gasoline ^e	Residual fuel oil	Other ^f	Total	Nuclear electric power	Hydro- electric power ^g	Wind	Fuel ethanol ^h	Biodiesel
Year	Thousand short tons	Billion cubic feet			7	Thousand barrels				М	illion kilowatthour	s	Thousan	d barrels
1960	3,449	70	3,775	452	1,003	7,813	5,715	3,584	22,341	0	304	0	NA	NA
1965 1970	2,857	108 122	4,193 5,107	677	1,244 1,808	9,001	5,662 4,656	4,251 4,632	25,029 29,450	Ö	913 741	Ö	NA	NA
1970 1971	3,025 3,047	122 121	5,107 6,522	939 1,010	1,808 1,947	12,308 12,958	4,656 5,076	4,632 4,451	29,450	0	741 984	0	NA NA	NA NA
1972	3,024	124	6.403	1,223	1.963	14.052	4,494	5,112	31,965 33,247	0	1,223	0	NA	NA
1973	3,886	123	8,028 8,906	1,080	1,889 1,864	14,614 14,439	3 638	4,806	34,054 35,571	0	1,111	0	NA	NA
1974 1975	4,263 4,636	121 124	8,906 9,165	1,096 1,169	1,864 1,903	14,439 15,063	4,222 4,603	5,044 4,488	35,571 36 301	0	941 1,074	0	NA NA	NA NA
1976	4,117	146	8,484	1,219	1,828	15,741	4,768	4,921	36,391 36,961	0	1,130	0	NA NA	NA NA
1977	5.429	106	8,797	928	2.034	16.509	4.543	4.943	37.754	Ō	757	0	NA	NA
1978 1979	5,954 7,104	119 126	9,168 9,610	841 1,658	2,164 2,302	17,478 16,480	4,122 3,187	4,929 5,172	38,701 38,409	0	1,130 757 734 802	0	NA NA	NA NA
1980	7,104	115	8.401	1,301	2,302	15,534	3,167	4,615	35,983	0	821	0	NA NA	NA NA
1981	7,432	102	8,401 7,098	1.546	2,637 2,424	15,534 15,548	3,495 1,022	3,174	35,983 30,812	Ö	821 623	Ö	0	NA
1982 1983	6,787 6,873	118 110	6,438 6,387	1,523 1,577	2,801 3,284	15,793 15,954	855 1,600	3,154 3,515	30,563 32,316	0	1,024 1,394	0	1	NA NA
1984	7.905	116	6,107	1.387	3.413	16,954	953	4.090	32,316	0	1,394	0	59	NA NA
1985	8,303	115	5,715	1,486	3,808	16,240	431 360 357	4,129	32,101 31,809	Ö	1,391 1,019	0	12	NA
1986 1987	8,112 11,807	105 99	6,978	1,542	4,335 4,969	17,541	360	3,651 4,065	34,406	0	1,413	0	5	NA NA
1987	14,513	109	6,507 7,060	1,652 1,432	4,969 4,977	17,623 18,148	288	4,065	35,172 35,971	0	593	0	1	NA NA
1989	15,044	114	5,917	1,386	5,095	17,311	250 367	4,736	34,694	ŏ	1,413 856 593 562	ő	i	NA
1990	15,738	117	7,162	1,074	5,281	16,724	367	4,475	35,082	0	508	0	1	NA
1991 1992	14,834 15,719	133 123	7,038 7,286	747 696	5,917 5,607	17,395 17,905	200 245	5,636 4,785	36,933 36,524	0	627 602	0	1 7	NA NA
1993	16,063	138	7,422 7,653	779	5,518	18,837	285 343	4,582	37,422	ŏ	860	ŏ	19	NA
1994	16,603	137	7,653	784	5.270	19,433	343	4.792	38.275	0	750	0	0	NA
1995 1996	15,675 15,615	157 161	8,469 8,746	1,531 2,621	5,658 6,303	20,771 21,170	294 87	4,995 5,703	41,718 44,628	0	969 1,049	0	0 22	NA NA
1997	16,507	165	9.976	750 430	6 279	22 024	149	5,349	44 529	Ö	1.344	Ö	0	NA
1998	17,482	170	10,398	430	6,379	22,735	96	5,413	45,452	0	1,315	0	297	NA
1999 2000	16,611 17,373	160 165	9,793 10,629	1,013 1,804	7,443 7,701	23,141 23,895	96 60 71	5,356 5,080	46,806 49,179	0	1,255 746	0	253 287	NA NA
2000	16,748	159	11.236	1.988	6,880	22.993	18	4.898	48 013	0	508	0	378	(s)
2002	16,434	163	11,482	1,280	6,416	24,158	82	4,031	47,450 50,082	Ō	458	0	100 77	`1
2003 2004	16,975 18,150	154 156	12,082 12,264	716	6,758	24,325 24,744	111 171	6,089 5,312	50,082	0	421 450	0	77 37	1
2004	18,594	160	13,717	805 1,473	7,137 7,394	24,744	220	5,323	50,434 52,803	0	784	0	619	4
2006	17,324	187	17,292	1,399 1,453	7,560 7,085	25,312	243	5,057	56,863 55,550 52,113 49,781	Ö	747	Ō	521 900	10
2007 2008	17,526	220 224	15,946	1,453	7,085	26,054	309 441	4,703 4,624	55,550	0	539	0 24	900	14
2008	17,799 16,643	224	14,138 12,852	1,351 1,113	6,509 5,751	25,051 25,324	130	4,624 4,610	52,113 49 781	0	668 835	160	1,088 1,255	12
2010	15,950	219	12,707	1,078	5.031	24.761	14	5.276	48.866	ő	696	448	1,453 1,934	10 14 12 13 10 36 65 45 87
2011	15,603	222	15,448	1,313	4,825	25,568	1	5,458	52,613	0	1,230	573	1,934	36
2012 2013	14,671 16,173	223 247	14,776 15,317	1,134 1,322	4,608 4,468	25,228 26,085	1 2	5,560 5,041	51,306 52,236	0	748 505	704 540	2,054	65 45
2014	15.676	242	15.169	1 284	4.816	26.469	21	4.966	52,013 51,306 52,236 52,726 53,524 R 55,324 R 56,957 R 59,740	ŏ	505 633	540 660	2,054 2,223 2,203 2,763 2,952	87
2015	15,242	233 240	14,293	1,090	5,288	27,776	4	5,073	53,524	0	769 760	626 822	2,763	39 150
2016 2017	12,576 12,923	240 222	14,248 15,043	1,123 1 132	5,963 6,357	28,535 28,769	U O	R 5,456 R 5,655	R 56 057	0	760 1,294	822 858	2,952 2,986	150 101
2018	12,710	244	15,043 15,700	1,132 1,330	8,619	28,725	3	H 5 362	R 59,740	ő	927	858 795	2,986 2,965	116
2019	12,272	264	15,040	1,508	7.501	29.667	0	H 5 475	''59.191	0	875	819	3.118	194
2020 2021	11,173 12,609	256 262	15,714 R 15,233	1,412 1,527	5,251 7,369	27,425 28,963	0	R 5,455 R 5,382	R 55,257 R 58,476	0	817 494	803 825	2,909 2,919	196 112
2022	10,889	275	16,745	2,021	8,049	28,902	i	5,643	61,361	0	595	723	2,697	73

a Includes supplemental gaseous fuels that are commingled with natural gas.
 b Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil. Excludes biofuels product supplied.

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

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." There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes, see technical notes.

Beginning in 1993, includes fuel ethanol blended into motor gasoline.

f Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.

⁹ Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be

separately identified.

h Includes 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.

NA = Not available.

Where shown, R = Revised data and (s) = Value less than 0.5.

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.

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

		1			Fossi	l fuels						Fossil fuels (as commingled)	
						Petroleum						(as commingica)	
Year	Coal	Natural gas excluding supplemental gaseous fuels ^a	Distillate fuel oil excluding biofuels ^a	HGL ^b	Jet fuel ^c	Motor gasoline excluding fuel ethanol ^a	Residual fuel oil	Other ^d	Total	Total	Natural gas including supplemental gaseous fuels ^a	Distillate fuel oil including biofuels ^a	Motor gasoline including fuel ethanol ^a
1960	91.0	72.4	22.0	1.7	5.4	41.0	35.9	21.5	127.6	291.0	72.4	22.0	41.0
1965 1970	75.4 78.8	99.8	24.4	2.6 3.6	6.8	47.3 64.7	35.6	25.6 28.6	142.2 165.8	317.5	99.8	24.4 29.8	47.3 64.7
1970	78.8	114.4	29.8	3.6	10.0	64.7	29.3	28.6	165.8	359.0	114.4	29.8	64.7
1971 1972	78.7 77.6	113.9 116.4	38.0 37.3	3.9 4.6	10.8 10.9	68.1 73.8	31.9 28.3	27.4 31.6	180.0 186.4	372.6 380.4	113.9 116.4	38.0 37.3	68.1 73.8
1973	98.8	116.3	46.8	4.1	10.5	76.8	22.9	29.5	190.5	405.6	116.3	46.8	76.8
1974	107.6	115.2	51.9	4.1	10.3	75.8	26.5	31.0	199.8	422.6	115.2	51.9	75.8
1975	115.7	118.0	53.4	4.3 4.5 3.4	10.6	79.1	28.9	27.5	203.9	437.6	118.0	53.4	79.1
1976 1977	101.8 132.8	138.6 101.0	49.4 51.2	4.5 3.4	10.2 11.3	82.7 86.7	30.0 28.6	30.4 30.6	207.2 211.9	447.5 445.7	138.6 101.0	49.4 51.2	82.7 86.7
1978	143.9	113.3	53.4	3.1	12.1	91.8	25.9	30.5	216.8	474.0	113.3	53.4	91.8
1978 1979	170.9	121.0	53.4 56.0	3.1 6.0	12.8	86.6	20.0	30.5 32.1	216.8 213.4	505.3	121.0	53.4 56.0	86.6
1980	168.3	125.0	48.9	4.7 5.6	14.6	81.6	22.0 6.4	28.5	200.3 168.4	493.6	125.0 109.7	48.9	81.6
1981 1982	175.7 159.6	109.7 110.5	41.3 37.5	5.b 5.5	13.5 15.6	81.7 83.0	5.4	19.9 19.8	166.6	453.7 436.7	110.5	41.3 37.5	81.7 83.0
1983	160.2	118.4	37.5 37.2	5.5 5.7	18.3	83.8	10.1	21.7	176.8	455.5	118.4	37.2	83.8
1984	185.6	124.2	35.6	5.1	19.0	84 8	6.0	25.5	176.0	485.9	124.2	35.6	84.8
1985	199.4	123.8	33.3 40.6	5.1 5.4 5.7	21.3	85.3 92.1	2.7 2.3	26.0	174.1 188.2	497.2	123.8	35.6 33.3 40.6	85.3
986 987	189.0 273.8	99.7 106.9	40.6 37.9	5.7 6.1	24.3 27.9	92.1 92.6	2.3 2.2	23.2 25.5	192.2	476.8 572.9	99.7 106.9	40.6 37.9	92.1 92.6
988	338.0	117.8	41.1	5.3	28.0	95.3	1.8	25.2	196.7	652.4	117.8	41.1	95.3
989	349.7	123.4	34.5	5.1 3.9	28.6	90.9 87.9	1.6	29.4	190.1	663.3	123.4	34.5	90.9
1990 1991	366.8 344.4	126.9 142.5	41.7 41.0	3.9	29.7 33.2	87.9 91.4	2.3	27.7	193.2	687.0 692.2	126.9	41.7 41.0	87.9 91.4
1991	344.4 363.1	142.5 132.4	41.0 42.4	2.8 2.6	33.2 31.5	91.4 94.1	1.3 1.5	35.7 29.6 28.6	205.4 201.7	697.2	142.5 132.4	41.0 42.4	91.4 94.1
1993	363.1 371.0	132.4 149.3	42.4 43.2	2.6 2.8	31.1	94.1 98.2	1.8	28.6	201.7 205.7	725.9	149.3	42.4 43.2	98.3
994 995	380.9	146.4	44.5	2.8 5.4	29.7	101.3	2.2	29.9	210.4 227.9	737.7	146.4	44.5 49.3	101.3
995 996	361.4 360.0	166.9	49.3 50.9	5.4 9.1	31.8	108.1	1.9 0.5	31.4 35.7	227.9 242.2	756.2 770.3	166.9 168.1	49.3 50.9	108.1 110.3
996	375.1	168.1 172.2	58.1	9.1 2.8	35.7 35.6	110.2 114.6	0.5	33.3	242.2 245.4	770.3 792.8	172.2	50.9 58.1	110.3
998	396.1	178.0	60.5	1.6	36.2	117.3	0.6	34.1	250.2	824.3	178.0	60.5	118.3
999	384.1	169.3	57.0	3.6	42.2	119.5	0.4	33.7	256.4	809.7	169.3	57.0	120.4
000	403.1 384.5	173.4	61.9	6.5	43.7 39.0	123.3	0.4	32.0 30.2	267.7	844.2	173.4	61.9 65.4	124.3
001 002	384.5 370.6	167.6 172.4	65.4 66.8	7.3 4.7	39.0 36.4	118.3 125.3	0.1 0.5	30.2 24.5	260.3 258.2	812.4 801.1	167.6 172.4	66.8	119.6 125.6
003	379.2	163.5	70.3	2.7	38.3	126.1	0.7	38.1	276.3	819.0	163.5	70.3	126.4
004	399.7	164.2	71.4	2.7 3.1	40.5	128.4	1.1	33.1	277.5	841.3	164.2	71.4	128.6
005	405.5	168.8	79.8	5.5	41.9	126.0	1.4	33.0	287.6	861.9 891.2	168.8 197.9	79.8	128.1
006 007	382.8 391.4	197.9 231.1	100.3 92.2	5.2 5.4	42.9 40.2	129.4 130.8	1.5 1.9	31.1 28.8	310.5	891.2 921.9	197.9	100.3 92.2	131.2 134.0
008	395.9	237.4	81.7	5.4 5.1	36.9	124.1	2.8	28.5	299.4 279.2	912.5	237.4	81.7	127.9
009	365.0 356.1 346.2	223.6	73.6 72.9	4.2	32.6	124.6	0.8	28.5	264.3	852.9	223 6	74.2 73.4 89.1	128.9
010 011	356.1	229.1 230.7	72.9	4.1 5.0	28.5	120.4	0.1	32.6 33.8	258.7 276.7	843.9	229.1 230.7	73.4	125.5 129.5
011	346.2 322.1	230.7	87.8 83.0	5.0	27.4 26.1	122.7 120.6	(s)	33.8 34.5	2/6./	853.6 824.1	230.7	89.1 85.2	129.5
013	322.1 355.2	232.6 258.7	83.9 85.8	4.4 5.1	25.3	124.3	(s) (s)	31.1	269.4 271.6	885.5	258.7	88.3	132.0
014	344.1	251.6	85.2	4.9	27.3	126.3 130.9	0.1	30.6	2744	870.1	251.6	87.4	133.9
015	330.0	242.8	80.0	4.2	30.0	130.9	(s)	31.3	274.4 276.3 R 285.4 R 294.5 R 310.2 R 305.8 R 285.3	849.2	242.8	82.4	140.5
016 017	269.0 274.8	250.2 231.2	78.8 83.5	4.3 4.3	33.8 36.0	134.0 135.0	0.ó 0.0	34.4 R 35.6	R 204 5	804.6 R 800.5	250.2 231.2	82.0 86.6	144.2 145.4
018	273.1	253.8	87.6	5.1	48.9	134.8	(s)	Κααα	R 310.2	R 837 1	253.8	90.4	145.2
019	273.1 267.0	276.5	84.0	5.8	42.5	139.0 128.4	(s) 0.0	R 34 4	R 305.8	H 849 2	276.5	86.6	149.9
020	244.3	266.6	87.4 B 20.5	5.4	29.8	128.4	0.0	H 34 3	H 285.3	H 796.2	266.6	90.5	138.6
021 022	276.2 237.9	274.4 287.0	R 86.5 95.1	5.9 7.8	41.8 45.6	136.1 136.5	(s) (s)	R 33.8 35.6	R 303.8 320.4	R 854.4 845.3	274.4 287.0	R 87.8 96.5	146.3 145.9
محد	231.9	201.0	3 3. I	7.0	40.0	130.3	(5)	33.0	320.4	040.3	207.0	30.3	140.

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." There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes, see technical notes.
 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.

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

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

							Renewable en	ergy							
					Bior	nass							Net		
Year	Nuclear electric power	Hydro- electric power ^{e,f}	Wood and waste ^{f,g}	Fuel ethanol ^h	Biodiesel	Renewable diesel	Losses and co- products ⁱ	Total ^f	Geo- thermal ^f	Solar ^{f,j}	Wind	Total ^f	interstate flow of electricity ^k	Electricity net imports	Total ^f
1960	0.0	R 1.0	2.2	NA	NA	NA	NA	2.2	0.0	NA	NA	R 3.3 R 5.1	R 3.6	0.0	R 297.8
1965 1970	0.0 0.0	R 3.1 R 2.5	2.0	NA NA	NA NA	NA NA	NA NA	2.0	0.0 0.0	NA NA	NA NA	ⁿ 5.1 R _{4.8}	R 11.5 R 26.6	0.0 0.0	R 334.1 R 390.4
1971	0.0	R 2.5 R 3.4	2.3 2.3	NA	NA	NA	NA	2.3 2.3	0.0	NA	NA	R 4.8 R 5.7	R 26.6 R 29.8 R 33.7 37.5 R 36.2 R 26.9	0.0	H 408 0
1972 1973	0.0 0.0	R 4.2 R 3.8	2.5 3.1	NA NA	NA NA	NA NA	NA NA	2.5 3.1	0.0 0.0	NA NA	NA NA	R 6.7 R 6.9	n 33.7	0.0 0.0	R 420.8 R 450.0
1974	0.0	R 3.2	2.6	NA	NA	NA	NA	2.6	0.0	NA	NA	H 5.8	R 36.2	0.0	H 464.6
1975 1976	0.0	R 3.7 R 3.9	2.9 3.3	NA NA	NA NA	NA NA	NA NA	2.9 3.3	0.0 0.0	NA NA	NA NA	R 6.6	H 26.9 H 47.0	0.0 0.0	R 471.1
1977	0.0 0.0	H 2 6	3.8	NA NA	NA NA	NA NA	NA NA	3.8	0.0	NA NA	NA NA	R 7.1 R 6.4	R 26.8	0.0	R 501.6 R 479.0
1978	0.0	R 2.5 R 2.7	4.5	NA	NA	NA	NA	4.5	0.0	NA	NA	R 7.0	R 20.1 R 3.1	0.0	R 501.2
1979 1980	0.0 0.0	R 2.7	5.3 4.5	NA NA	NA NA	NA NA	NA NA	5.3 4.5	0.0 0.0	NA NA	NA NA	R 7.0 R 8.1 R 7.3	R-63	0.0 0.0	R 501.2 R 516.5 R 494.5
1981	0.0	R 2.1	4.5 5.9	0.0	NA	NA	0.0	4.5 5.9	0.0	NA	NA	H 8.0	H61	0.0	n 467 8
1982	0.0 0.0	R 3.5	6.0	(s) 0.0	NA NA	NA NA	0.0 0.0	6.1	0.0	NA NA	NA 0.0	R 9.5	R 8.2	0.0 0.0	R 454.5 R 477.0
1983 1984	0.0	R 4.8 R 4.7	6.5 6.7	0.2	NA	NA	0.0	6.5 6.9	0.0 R 0.1	0.0	0.0	R 11.3 P 11.8	R 10.3 R -6.6	0.0	H 491.1
1985	0.0	R 3.5	6.9	(s)	NA	NA	0.0	6.9	R 0.4	0.0	0.0	H 10 8	H -10 ∩	0.0	H 488 9
1986 1987	0.0 0.0	R 4.8 R 2.9	6.5 3.6	(s) (s)	NA NA	NA NA	0.0 0.0	6.5 3.6	R 0.6 R 0.6	0.0 0.0	0.0 0.0	R 11.9 R 7.1 R 6.5	R -29.6 R -127.7	0.0 0.1	R 459.1 R 452.4
1988	0.0	H 2.0	3.9 3.5	(s)	NA	NA	0.0	3.9	R 0.6	0.0	0.0	R 6.5	R -141.7	0.0	H 517.2
1989 1990	0.0 0.0	R 1.9 R 1.7	3.5 3.4	(s)	NA NA	NA NA	0.0 0.0	3.5	R 1.0 R 0.9	(s)	0.0 0.0	H 6.5	H -143.6	(s) 0.0	R 526.2
1991	0.0	R 2 1	3.6	(s) (s)	NA NA	NA NA	0.0	3.4 3.6	H11	(s) (s)	0.0	R 6.5 R 6.2 R 6.8	R -141.7 R -143.6 R -157.4 R -134.2	0.0	R 535.8 R 564.9
1992	0.0	R 2.1 R 2.9 R 2.6	3.8	(s)	NA	NA	0.0	3.8	B 1.1	(s)	0.0	R 6.9 R 7.7 R 7.3	R -152.7 R -157.8 R -158.6	0.0	R 551.4 R 575.8
1993 1994	0.0 0.0	R 2.9	3.7 3.6	0.1 0.0	NA NA	NA NA	0.0 0.0	3.8 3.6	R 0.9 R 1.1	(s) 0.1	0.0 0.0	R 7.7	R -157.8	0.0 0.0	R 5/5.8 R 586.4
1995	0.0	R 3.3	3.6	0.0	NA	NA	0.0	3.6	R 1.0	0.1	0.0	H79	R -128.4 R -114.0 R -124.7 R -133.0	0.0	R 635.7 R 664.9
1996 1997	0.0 0.0	R 3.6 R 4.6	3.8 4.4	0.1 0.0	NA NA	NA NA	0.0 0.0	3.9 4.4	R 1.1 R 1.1	0.1 0.1	0.0 0.0	R 8.6 P 10.1	H -114.0	0.0 0.1	H 664.9
1998	0.0	R <u>⊿</u> 5	3.9	1.0	NA NA	NA NA	0.0	4.9	R 1 1	(s)	0.0	H 10 5	R -133.0	(s)	R 678.3 P 701.8
1999 2000	0.0	R 4.3 R 2.5 R 1.7	5.4 5.7	0.9	NA	NA	0.0	6.2 6.7	R 1.1 R 1.1	(s)	0.0 0.0	R 11.6 R 10.3	R -127.7 R -114.2	0.0	R 693.6 R 740.3
2000	0.0 0.0	11 2.5 R 1 7	5.7 3.4	1.0 1.3	NA (s)	NA NA	0.0 0.0	6.7 4.7	R 1 1	(s)	0.0	R 7.6	N -114.2 R -109.1	0.0 0.0	R 710 8
2002	0.0	R 1.6	3.4	0.3	(s)	NA	0.0	3.7	R13	(s)	0.0	R67	R -109.1 R -117.2	(s)	R 710.8 R 690.7
2003 2004	0.0 0.0	R 1.4 R 1.5	3.4 3.5	0.3 0.1	(s)	NA NA	0.0 0.0	3.7 3.6	R 1.2 R 1.2	(s)	0.0 0.0	R 6.4 R 6.5	R -123.8 R -115.4	(s) 0.1	R 701.6 R 732.5
2005	0.0	H27	3.2	2.1	(s)	NA NA	0.0	5.4	R13	(s)	0.0	R 9.4	H-1138	0.1	H 757 6
2006 2007	0.0	R 2.5 R 1.8	3.2 3.3	1.8	0.1	NA	0.0	5.1 6.5	R 1.3 R 1.3	(s)	0.0 _ 0.0	R 9.0 R 9.7	R -125.1 R -153.5	(s) -0.1	R 775.1 R 778.1
2007	0.0 0.0	'' 1.8 R 2.3	3.3	3.1 3.8	0.1 0.1	NA NA	0.0 0.0	6.5 7.6	H17	(s) (s)	0.0 R 0 1	R 11.7	H -153.5 R -159.9	-0.1 -0.1	H 7/8.1 R 764.2
2009	0.0	R 2.3 R 2.8	2.7	4.3	0.1	NA	0.0	7.1	H17	0.1	R 0.1 R 0.5 R 1.5	R 12 3	R -159.9 R -129.0	-0.1	R 764.2 R 736.1 R 746.1
2010 2011	0.0 0.0	R 2.4 R 4.2	3.0 2.7	5.0 6.7	0.1 0.2	NA 0.0	0.0 0.0	8.1 9.6	R 1.7 R 1.9	0.1 0.1	H 1.5 H 2.0	R 13.7 R 17.8	R -111.6 R -92.3	(s) (s)	H 746.1
2012	0.0	R 2 6	2.7 2.5 2.9	7.1	0.2	0.0		10.0	R 2.0 R 1.9	R 0.1	R 2.4 R 1.8	K 17 0	R -65.1	(s) -0.1	R 779.1 R 776.0
2013	0.0	H 1.7	2.9	7.7	0.2	0.0	(s) (s)	10.9	R 1.9	H O 1	R 1.8	H 16.5	R -88.4	-0.1	H 813.5
2014 2015	0.0 0.0	R 2.2 R 2.6	3.1 5.2	7.6 9.6	0.5 0.2	0.0 0.0	(s) (s)	11.2 15.0	H 2.6	R 0.2 R 0.4	R 2.3 R 2.1	R 18.4 R 22.4	R -65.1 R -88.4 R -103.7 R -84.4	(s) 0.1	R 784.8 R 787.2
2016	0.0	R 2 6	5.5 5.1	10.3	0.8	0.0	0.0	R 16.5	R 2.6 R 2.3 R 2.5 R 2.4	R 4 2	Hog	H 28 6	H -44 4	(s) (s)	H 788 8
2017 2018	0.0 0.0	R 4.4 R 3.2	5.1 5.9	10.4 10.3	0.5 0.6	0.0 0.0	0.0 0.0	16.0 R 16.8	H 2.4 R 2.3	R 8.6 R 9.0	R 2.9 R 2.7	R 34.4 R 34.0	R -36.4 R -52.3	(s) 0.1	R 798.5 R 819.0
2019	0.0	R 3.0	5.9 R 4.4	10.9	1.0	0.0	0.0	17.0	R 1 9	Ra1	R 2.8 R 2.7	R 34 5	H_51 R	0.0	H 832 U
2020 2021	0.0	R 2.8 R 1.7	R 4.4 R 3.8	10.1 10.2	1.1 0.6	0.0	0.0 0.0	R 15.5 R 14.5	R 2.1 R 2.2	R 10.7 R 14.2	R 2.7 R 2.8	R 33.9 R 35.4	R -28.6 R -68.5	0.0	R 801.4 R 821.3
2021	0.0 0.0	11.7	11 3.8 4.2	10.2 9.4	0.6	0.0 0.0	0.0	14.5	2.2	15.9	112.8	36.7	-33.3	0.0 0.0	848.7
		=:7													

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

† There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy

sources beginning in 1989.

9 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.

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

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.

| Electricity traded with Canada and Mexico. Calculated by converting net imports in kilowatthours by 3,412 Btu per

kilowatthour.

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 CT3. Total end-use sector energy consumption estimates, selected years, 1960-2022, Utah

						Petroleum					Bior	nass						
	Coal	Natural gas ^a	Distillate fuel oil ^b	HGL [©]	Jet fuel ^d	Motor gasoline ^e	Residual fuel oil	Other ^f	Total	Hydro- electric power ^{g,h}					Electricity		Electrical	
Year	Thousand short tons	Billion cubic feet			1	Thousand barrel	s			Million kilowatt- hours	Wood and waste ^{h,i}	Losses and co- products j	Geo- thermal ^h	Solar ^{h,k}	Million kilowatt- hours	End use h,m	system energy losses ⁿ	Total h,m
1960	2,935	66	3,764	452	1,003	7,813	3,425	3,584	20,039	(s)					3,474			
1970	2,590	118	5,098	939	1,808	12,308	2,888	4,632	27,673	3					5,225			
1980	2,211	110 116	8,333	1,301	2,637	15,534	3,437	4,615	35,857	0					10,705			
1990 2000	2,174 2,209	154	7,078 10,528	1,074 1,804	5,281 7,701	16,724 23,895	367 71	4,475 5,080	34,998 49,078	0					15,402 23,185			
2005	1,476	148	13,643	1,473	7,394	24,677	220	5,323	52,729	0					25,000			
2006	715	158	17,166	1,399	7,560	25,312	243	5,057	56,737	0					26,366			
2007	934	163	15,872	1,453	7,085	26,054	309	4,703	55,477	0					27,785			
2008 2009	873 718	169 164	14,060 12,789	1,351 1,113	6,509 5,751	25,051 25,324	441 130	4,624 4,610	52,035 49,717	0					28,192 27,587			
2009	710	171	12,769	1,113	5,031	25,324	14	5,276	48,785	0					28,044			
2011	598	182	15,360	1,313	4,825	25,568	1	5,458	52,525	0					28,859			
2012	588	176	14,707	1,134	4,608	25,228	1	5,560	51,237	0					29,723			
2013	645	198	15,272	1,322	4,468	26,085	2	5,041	52,191	0					30,474			
2014	614	183	15,128	1,284	4,816	26,469	21	4,966	52,685	0					30,043			
2015 2016	662 575	176 180	14,260 14,193	1,090 1,123	5,288 5,963	27,776 28,535	4	5,073 R 5.456	53,490 R 55,270	0					30,192 30,180			
2017	485	181	14,193	1,132	6,357	28,769	0	R 5,655	R 56,891	0					30,589			
2018	378	183	15,636	1,330	8,619	28,725	3	R 5,362	R 59,676	0					31,242			
2019	382	197	14,970	1,508	7,501	29,667	0	R 5,475	R 59,121	0					31,143			
2020	306	189	15,644	1,412	5,251	27,425	0	R 5,455	R 55,186	0					31,663			
2021 2022	335 318	186 194	R 15,165 16.689	1,527 2.021	7,369 8.049	28,963 28,902	1	R 5,382 5,643	R 58,408 61,305	35 31					32,678 33,366			
	010	104	10,000	2,021	0,040	20,002	•	0,040	Trillion						00,000			
	70.4		24.0				04.5	04.5								070.0	R 23.9	R 297.8
1960 1970	78.1 68.0	68.6 111.1	21.9 29.7	1.7 3.6	5.4 10.0	41.0 64.7	21.5 18.2	21.5 28.6	113.1 154.7	(s) (s)	2.2 2.3		NA NA	NA NA	11.9 17.8		R 36.5	R 390.4
1980	56.2	120.1	48.5	4.7	14.6	81.6	21.6	28.5	199.6	0.0	4.5		NA NA	NA NA	36.5	416.8	R 77.7	R 494.5
1990	54.9	126.0	41.2	3.9	29.7	87.9	2.3	27.7	192.7	0.0	3.4		0.4		52.6		R 105.8	R 535.8
2000	55.4	162.4	61.3	6.5	43.7	124.3	0.4	32.0	268.1	0.0	4.3		0.5	(s)	79.1	569.9	R 170.4	R 740.3
2005	34.1	156.0	79.4	5.5	41.9	128.1	1.4	33.0	289.3	0.0	2.4		0.7	(s)	85.3		R 189.8	R 757.6
2006 2007	16.6 21.3	167.5 172.4	99.6 91.8	5.2 5.4	42.9 40.2	131.2 134.0	1.5 1.9	31.1 28.8	311.6 302.1	0.0	2.4 2.7		0.7 0.7	(s)	90.0 94.8	588.8 594.1	R 186.3 R 184.0	R 775.1 R 778.1
2007	19.8	172.4	81.3	5.4	36.9	127.9	2.8	28.5	282.5	0.0	2.7		0.7	(s) (s)	96.2		R 182.6	R 764.2
2009	16.1	171.9	73.9	4.2	32.6	128.9	0.8	28.5	268.9	0.0	1.6			0.1	94.1	553.4	R 183.3	R 736.7
2010	16.5	178.8	72.9	4.1	28.5	125.5	0.1	32.6	263.8	0.0	1.8		0.7	0.1	95.7	557.4	R 189.1	^R 746.5
2011	13.8	189.2	88.6	5.0	27.4	129.5	(s)	33.8	284.3	0.0	1.4		8.0	_ 0.1	98.5	588.1	R 192.2	R 780.3
2012	13.5	183.9	84.8	4.4	26.1	127.7	(s)	34.5	277.5	0.0	1.2		0.8	R 0.1 R 0.1	101.4	R 578.4	R 198.6	^R 777.0 ^R 815.7
2013 2014	14.7 13.9	207.5 191.2	88.0 87.2	5.1 4.9	25.3 27.3	132.0 133.9	(s) 0.1	31.1 30.6	281.5 284.1	0.0	1.5 1.5		0.8	R 0.1	104.0 102.5	R 610.2 R 594.2	R 205.6 R 192.4	R 786.6
2014	15.1	184.4	82.2	4.3	30.0	140.5	(s)	31.3	288.1	0.0	3.9		0.8	R 0.3	103.0	R 595.6	R 193.8	R 789.4
2016	13.1	188.6	81.7	4.3	33.8	144.2	0.0	34.4	298.5	0.0	R 4.1	0.0	0.8	R 0.6	103.0	R 608.7	R 182.5	R 791.2
2017	11.1	188.9	86.2	4.3	36.0	145.4	0.0	R 35.6	R 307.6	0.0	_ 4.0		0.8	R 1.0	104.4	R 617.8	R 183.2	R 801.1
2018	8.7	190.6	90.0	5.1	48.9	145.2	(s)	R 33.8	R 323.0	0.0	R 5.1	0.0		R 1.4	106.6	R 636.3	R 184.9	R 821.2
2019 2020	8.7	206.2 196.8	86.2	5.8 5.4	42.5 29.8	149.9 138.6	0.0	R 34.4 R 34.3	R 318.8 R 298.1	0.0	R 5.1 R 3.5	0.0	0.8	R 1.6 R 1.9	106.3	R 647.6 R 616.2	R 185.9 R 187.2	R 833.5 R 803.4
2020	7.1 7.7	196.8	90.0 R 87.4	5.4 5.9	29.8 41.8	138.6	0.0 (s)	R 33.8	R 315.1	R 0.1	R 3.0	0.0	0.8	H 2.3	108.0 111.5	R 635.8	R 186.5	R 822.3
2021	7.7	203.2	96.2	7.8	45.6	145.9	(s)	35.6	331.1	0.1	3.4				113.8		187.3	849.9
	7.4	200.2	33.E	7.0	.5.0	0.0	(5)	55.0	551.1	0.1	0.4	0.0	0.0	2.7	. 10.0	332.0	.57.0	0.0.0

^a Includes supplemental gaseous fuels that are commingled with natural gas.

b Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil. Excludes biofuels product supplied.

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

d 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."

e Beginning in 1993, includes fuel ethanol blended into motor gasoline.

Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.

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

h There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 989.

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

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

k Solar thermal and photovoltaic energy.

¹ Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

^m 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. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by the commercial and industrial sectors. Beginning in 2021, adjusted for the double-counting of biofuels product supplied.

ⁿ 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: Total end-use sector consumption estimates are the sum of the consumption estimates for the residential, commercial, industrial, and transportation sectors. 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

				Petr	oleum		Biomass						
	Coal ^a	Natural gas ^b	Distillate fuel oil	HGL [©]	Kerosene	Total				Electricity ⁹		Electrical system	
Year	Thousand short tons	Billion cubic feet		Thousar	nd barrels		Wood d	Geothermal ^e	Solar ^{e,f}	Million kilowatthours	End use e,h	energy losses ⁱ	Total ^{e,h}
1960	147	23	100	175	1	276				1,012			
1965 1970	103	31	98 143	356	20	474				1.243			
1970	61	45	143	489	6	639				1,688			
1975	39	60	357	397	4	758				2,493			
1980 1985	50 55	58 59	112 67	246 445	0 10	357 521				3,116 3,985			
1990	53	43	139	299	5	442				4,246			
1995	10	43 49	139 72	148	3	223				5,041			
2000	6	56	79	415	4	498				6.514			
2005 2006	4	58 60	26	551 644	1	579				7,567 8,232			
2006	2	60	29	578	2	675 608				8,232 8,752			
2007	0	66	79 26 29 28 17	666	1	684				8,786			
2009	Ŏ	65	23	643	i	667				8.725			
2010	0	65 66 70	20	442	(s)	462 559				8,834			
2011	0	70	24	535	(s)	559				8,947			
2012 2013	0	60 70	26 18	416 547	(s) (s)	442 565				9,188 9,402			
2013	0	62	20	455	(s)	475				8,964			
2015	ŏ	62 59 64	23 20 24 26 18 20 22 26	395	(s)	417				9,117			
2016	0	64	26	403		430				9,371			
2017	0	67 67	23 26 24	648	(s)	671				9,511			
2018 2019	0	76	26	656 795	(s) (s)	682 819				9,715 9,740			
2020	ŏ	74	18	479	(s)	497				10.547			
2021	0	74 72	18 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) 0.1	1.3	1.8	NA	NA	3.5 4.2 5.8	33.8	R 7.0	R 40.7
1965 1970	2.7	28.4 41.9	0.6	1.4	0.1	2.1 2.7	1.6	NA	NA	4.2	38.9	R 8.3	H 47.2
1970 1975	1.5 0.9	41.9 56.8	0.8 2.1	1.9 1.5	(s)	2.7 3.6	1.7 2.0	NA NA	NA NA	5.8 8.5	53.6 71.8	R 11.8 R 17.4	R 65.4
1975	1.2	62.9	0.6	1.5	(s) 0.0	3.6 1.6	3.8	NA NA	NA NA	10.6	71.6 80.1	H 22 6	R 102 7
1985	1.3	63.1	0.4	0.9 1.7	0.1	2.1	6.0	NA NA	NA	13.6	86.2	R 22.6 R 27.6	R 40.7 R 47.2 R 65.4 R 89.2 R 102.7 R 113.8 R 97.2 R 134.3 R 144.8 R 154.2 R 156.1 R 161.8
1990 1995	1.2 0.2	47.3 52.1	0.8	1.1	(s)	2.0 1.0	3.0 3.0	0.1	(s) 0.1	14.5 17.2	68.0	R 29.2 R 36.6 R 47.9	R 97.2
1995	0.2	52.1	0.4	0.6	(s)	1.0	3.0	0.1		17.2	73.6	H 36.6	H 110.2
2000 2005	0.1 0.1	58.5 61.2	0.5	1.6	(s)	2.1	3.5	(s)	(s)	22.2 25.8	86.5 91.3	11 47.9 R 57 5	H 134.3
2005	0.1	63.4	0.2 0.2	2.1 2.5 2.2	(S)	2.3 2.7	1.9 1.7	(s) (s)	(s) (s) (s)	28.1	96.0	R 57.5 R 58.2 R 57.9	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) 0.1	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	H 58.0	H 159.7
2010 2011	0.0 0.0	69.2 72.8	0.1 0.1	1.7 2.1	(s)	1.8	1.1 1.1	(s) 0.2	0.1 0.1	30.1 30.5	102.4 106.9	R 56.9 R 58.0 R 59.6 R 59.6 R 61.4	n 162.0
2011	0.0	62.5	0.1	1.6	(8)	2.2 1.7	0.9	0.2	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	H 0 1	30.6	R 109.6 R 99.1	R 63.4 R 57.4	R 166.1 R 161.8 R 159.7 R 162.0 R 166.5 R 158.1 R 173.1 R 156.5 R 155.9 R 160.8 R 165.7
2015	0.0	61.3	0.1	1.5 1.5 2.5	(s)	1.6 1.7	3.1	0.1	R 0.2 R 0.4	31.1	R 97.4 R 104.2 R 108.7	R 58.5 R 56.7 R 57.0	H 155.9
2016 2017	0.0 0.0	66.8 69.6	0.2 0.1	1.5	(S)	1.7 2.6	3.2 3.2	0.1 0.1	R 0.4	32.0 32.5	104.2 R 109.7	R 57.0	1 160.8 R 165.7
2017	0.0	70.3	0.1	2.5 2.5	(8)	2.0 2.7	4.2	0.1	R 1 1	32.5 33.1	R 111 4	R 57.5	R 168 9
2019	0.0	79.5	0.1	3.1	(s)	2.7 3.2	R12	0.1	R13	33.2	R 111.4 R 121.6	R 57.5 R 58.2	R 168.9 R 179.7
2020 2021	0.0	77.4 75.0	0.1 0.1	1.8 1.6	(s)	1.9 1.7	R 2.5 R 2.1	0.1 0.1	R 1.5 R 1.9	36.0 37.4	R 119.5 R 118.1	R 62.4 R 62.5	R 181.9
2021	0.0	75.0	0.1	1.6	(s)	1.7	^H 2.1	0.1	H 1.9	37.4	^H 118.1	H 62.5	R 181.9 R 180.6 192.1
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

a Beginning in 2008, data are no longer collected and are assumed to be zero.
 b Includes supplemental gaseous fuels that are commingled with natural gas.

^c Hydrocarbon gas liquids, assumed to be propane only.

d Wood and wood-derived fuels.

There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
 Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial

g Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
 h 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.

i 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

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 CT5. Commercial sector energy consumption estimates, selected years, 1960-2022, Utah

					Pet	roleum				Biomass						
	Coal	Natural gas ^a	Distillate fuel oil	HGL ^b	Kerosene	Motor gasoline ^c	Residual fuel oil	Total ^d	Hydro- electric power ^{e,f}	WI		Solar ^{f,h}	Electricity ⁱ		Electrical	
Year	Thousand short tons	Billion cubic feet			Thousa	and barrels			Million kilowatthours	Wood and waste ^{f,g}	Geothermal ^f	Mill kilowat		End use ^{f,j}	system energy losses ^k	Total ^{f,j}
1960	102	10	362	117	6	281 234	656	1,423	NA			NA	640			
1965 1970	102 78 48	16 10	356 521	238 327	148 46	234 202	1,072 795	2,048 1,892	NA NA			NA NA	1,128 1,890			
1975	92 187	6	1.300	266 165	28	210	1,098 1,051	2,902	NA			NA	2,479			
1980 1985	187 197	(s) 9	1,028 484	165 298	28 34 19	81 88	1,051 45	2,902 2,358 934	NA NA			NA NA	3,141 4,596			
1990	214	16	364	200	5	96	45 73	738	0			0	5,389			
1995	67	27	382	99	1	21	13	516	0			0	6,462			
2000	52 41	31 34	366 343 437	278 558 294	4 11	22 24	16 3	687 940	0			0	8,746 9,417			
2005 2006	32	34 34	437	294	6	24 25	1	762	ŏ			ŏ	9,749			
2007 2008	20	34 38 37	452 423	382 455	4 2	25 25	0	863 906	0			0	10,241 10,286			
2008	0	37	524	323	2	25	0	874	0			(s)	10,235			
2010	0	38	461	329	. 3	25 25	(s)	817	0			`1	10,368			
2011 2012	0	40 35	527 653	552 294	(s) (s)	25 26	0	1,105 973	0			3 7	10,544 10,803			
2013	ŏ	41	610	494	1	26	Ō	1,130	Ŏ			11	11,008			
2014 2015	0	38 36	586 369	515 490	1	25 404	17 0	1,145 1,264	0			18 26	11,053 11,615			
2016	0	39	536 480	335	(s)	421	0	1,293	0			43	11,565			
2017	0	41	480	257	(s) (s)	428	0	1,165	0			63	11,739	==		==
2018 2019	0	42 47	423 464	415 425	(S) (S)	432 437	0	1,270 1,326	0			79 88	12,084 11,860			
2020	Õ	44	385	623	(s)	440	Ō	1,448	0			101	11,395			
2021 2022	0	44 48	492 500	809 900	(s) (s)	443 467	0	1,745 1,868	35 31			114 124	12,207 12,871			
2022	0	40	300	300	(3)	407			lion Btu			124	12,071			
1960	2.6	10.5	2.1	0.5	(a)	1.5	4.1	8.2	NA	(a)	NA	NA	2.2	22 5	R 4.4	B 27 0
1965 1970	2.6 2.0	10.5 14.4 9.5	2.1	0.5 0.9	(s) 0.8 0.3	1.2	4.1 6.7	11.8	NA	(s) (s)	NA	NA	2.2 3.8 6.4	23.5 32.0 27.8	R76	R 27.9 R 39.6
1970	1.2	9.5	3.0	1.3	0.3	1.1	5.0	10.6	NA	(s)	NA NA	NA	6.4	27.8	R 13.2 R 17.3	R 41.0 R 50.5
1975 1980	2.2 4.3	5.8 0.4	7.6 6.0	1.0 0.6	0.2 0.2	1.1 0.4	6.9 6.6	16.8 13.8	NA NA	(s) 0.1	NA NA	NA NA	8.5 10.7	33.2 29.4	R 22 8	R 52.2
1985	4.6	9.1	2.8	1.1	0.1	0.5	0.3	4.8	NA	0.1	NA	NA	15.7	34.4	R 31.9 R 37.0	H 66 3
1990 1995	4.9 1.6	17.7 28.5	2.1 2.2	0.8 0.4	(s) (s)	0.5 0.1	0.5 0.1	3.9 2.8	0.0 0.0	0.3 0.4	0.1 0.1	0.0 0.0	18.4 22.0	45.3 55.5	H 37.0 R 46 0	R 82.3 R 102.4 R 132.4
2000	1.2	32.9	2.1	1.1	(s)	0.1	0.1	3.4	0.0	0.6	0.2	0.0	29.8	68.1	R 46.9 R 64.3	R 132.4
2005	1.0	36.3	2.0	2.1	0.1	0.1	(s)	4.3	0.0	0.3	0.3	0.0	32.1	74.3	H 71 5	R 145.8 R 143.4
2006 2007	0.8	36.0 36.4	2.5 2.6	1.1	(s) (s)	0.1 0.1	(s) 0.0	3.8 4.2	0.0 0.0	0.4 0.4	0.3 0.3	0.0 0.0	33.3 34.9	74.5 76.8	R 68.9 R 67.8	R 144.6
2008	0.5 0.0	40.0	2.4	1.5 1.7	(s)	0.1	0.0	4.3	0.0	0.3	0.3	0.0	35.1	80.0	R 66.6 R 68.0	R 146.6 R 146.6
2009 2010	0.0 0.0	38.7 40.3	3.0 2.7	1.2 1.3	(s) (s)	0.1 0.1	0.0	4.4 4.1	0.0 0.0	0.1 0.1	0.3 0.4	(s) (s)	34.9 35.4	78.6 80.2	^H 68.0 R 69.9	^H 146.6 ^R 150.1
2010	0.0	42.0	3.0	2.1	(s)	0.1	(s) 0.0	5.3	0.0	0.1	0.4	(s)	36.0	R 83.7	R 70 2	R 15/10
2012	0.0	37.0	3.8	1.1	(s)	0.1	0.0	5.0	0.0	0.1	0.4	R /e∖	36.9	79 4	R 72 2	R 151.5
2013 2014	0.0 0.0	43.5 39.9	3.5 3.4	1.9 2.0	(s)	0.1 0.1	0.0 0.1	5.5 5.6	0.0 0.0	0.1 0.1	0.4 0.4	R (s) R 0.1	37.6 37.7	R 87.1 R 83.8	R 74.3 R 70.8	R 161.3 R 154.5
2015	0.0	37.4	2.1	1.9	(s)	2.0	0.0	6.1	0.0	0.6	0.4	H 0.1	39.6	R 84.2	R 74.6	n 158.7
2016	0.0	40.8	3.1	1.3	(s)	2.1	0.0	6.5	0.0	0.7	0.4	R 0.1 R 0.2	39.5	R 88.0 R 90.3	R 69.9 R 70.3	R 158.0 R 160.6
2017 2018	0.0 0.0	43.1 44.2	2.8 2.4	1.0 1.6	(S) (S)	2.2 2.2	0.0 0.0	5.9 6.2	0.0 0.0	0.7 0.8	0.4 0.4	Ros	40.1 41.2	H 93 0	H 71.5	^{rt} 164.5
2019	0.0	49.6	2.7	1.6	(s)	2.2	0.0	6.5	0.0	0.7	0.4	R 0.3 R 0.3	40.5	R 97 9	R 70 8	H 168 7
2020 2021	0.0 0.0	46.1 46.1	2.2 2.8	2.4 3.1	(s) (s)	2.2 2.2	0.0 0.0	6.8 8.2	0.0 R 0.1	0.8 0.7	0.4 0.4	H 0.3 R 0.4	38.9 41.6	R 93.3 R 97.4	R 67.4 R 69.6	R 160.7 R 167.1
2022	0.0	49.8	2.9	3.5	(s)	2.4	0.0	8.7	0.1	0.6	0.4	0.4	43.9	103.9	72.3	176.2
					. ,											

^a Includes supplemental gaseous fuels that are commingled with natural gas.

other fossil fuels from which they are mostly derived, but should be counted only once in End Use and Total. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by commercial utility-scale facilities.

b Hydrocarbon gas liquids, assumed to be propane only.

Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014 and 2015 because of coverage. See Technical Notes, Section 4.

d Includes small amounts of petroleum coke not shown separately.

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

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.

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

h Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the

Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the

k 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 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. 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 CT6. Industrial sector energy consumption estimates, selected years, 1960-2022, Utah

					Petro	leum				Bio	nass						
	Coal	Natural gas ^a	Distillate fuel oil	HGL ^b	Motor gasoline c	Residual fuel oil	Other ^d	Total	Hydro- electric power ^{e,f}				Solar ^{f,i}	Electricity ^j		Electrical	
Year	Thousand short tons	Billion cubic feet			Thousand	d barrels			Million kWh	Wood and waste f,g	Losses and co- products h	Geo- thermal ^f		illion :Wh	End use ^{f,k}	system energy losses	Total ^{f,k}
1960	2.640	33	990	124	299	2.399	2.831	6,642	(s)				NA	1,822			
1960 1965	2,640 2,306	33 57 63 55 51	990 1,163	124 70	299 233	2,399 2,895	2,831 3,550	7,910	(s) 3				NA	1,404			
1970 1975	2,477	63	1,564 3,356	116 495	261	2,068 3,285	4,240 4,138	8,249 11,541	3				NA NA	1,648 2,968			
1975	2,478 1,974	55 51	2,220	495 876	266 165	3,285 2,386	4,138	9,897	0				NA NA				
1985 1990	1,726	46	989	668 524	220	360 245	3,831 4,161	6,068	ŏ				NA	4,458			
1990	1,907	46 55 69	1,520	524	198	245	4,161	6,649	0				0	5,766			
1995 2000	1,905 2,151	69 64	1,383 1,730	1,252 1,068	323 240	282 54	4,738 4,785	7,977 7,877	0				0				
2005	1,431	46	3,252	317	587	217	5 033	9,406	0				0				
2006	680	53	3,683	398	612	242	4,773	9.708	ŏ				ŏ				
2007	911	56 53 52 56	2,647	453 166	524 485	309	4,773 4,448 4,352	8,382	0				0				
2008 2009	873 718	53	2,652 1,916	166 111	485 469	441 130	4,352	8,096 6,952	0				0 (s)	0,000			
2010	717	52 56	1,576	293	366	14	4,326 4,986	7,235	0				(s)				
2011	598	60	2.097	211	393	1	5.159	7 861	ő				(s)	9,333			
2012 2013	588 645	68 72	2,326 2,842	408 258	390	1	5,291 4,769	8,417 8,264	0				1	9,694			
2013	645 614	72 68	2,842 3,197	258	393 311	2	4,769 4,680	8,264 8,482	0				2	10,010 9,965			
2015	662	68	2,373	181	410	4	4,765	7.734	0	==	==		5				==
2016	575	68 65	2,209	343	415	Ö	4,765 R 5,164	7,734 R 8,130	Ö				6	9,187			
2017	485	62 60	2,593	219	420	0	R 5,379 R 5,092 R 5,213	R 8,611 R 8,669	0				8				
2018 2019	378 382	60 61	2,887 2,574	255 276	433 434	3	R 5,092	H Q /Q7	0				8				
2020	306	58	2,374	296	439	0	^H 5 199	R 8 338	0				10				
2020 2021	306 335	R 59	2,503	295	430	ĭ	n 5,060	^{rt} 8,289	0				11	9,472			
2022	318	56	2,529	527	456	1	5,314	8,827	0				12	9,105			
									Trillion Bt	u							
1960	70.5	34.7 52.3	5.8	0.5	1.6	15.1	17.5	40.4	(s) (s) (s)	0.3	NA		NA	6.2	152.1	R _{_12.5}	R 164.6 R 176.6
1965 1970	61.5 65.2	52.3	6.8 9.1	0.3	1.2 1.4	18.2	21.8	48.2	(s)	0.3	NA NA		NA NA		167.2 R 180.8	R 9.4 R 11.5	H 176.6
1975	64.7	59.2 52.3	19.6	0.4 1.7	1.4	13.0 20.7	26.4 25.6	50.3 68.9	(S) 0.0	0.5 0.8	NA NA		NA NA		196.9	Ranz	R 2176
1980	50.7	52.3 55.8	12.9	3.1	0.9	15.0	26.4	58.3	0.0	0.6	NA	NA	NA	15.2	180.6	n 32.3	R 212.9
1985	44.1	49.9	5.8	2.3	1.2	2.3	24.3	35.8	0.0	0.7	0.0		NA		145.8		H 176 7
1990	48.7 47.6	60.1 73.8	8.9 8.0	1.8 4.3	1.0 1.7	1.5 1.8	25.9 29.9	39.1 45.7	0.0 0.0	0.2 0.2	0.0 0.0		0.0 0.0	19.7	168.0 191.3	R 39.6	R 207.6
1995 2000	54.1	67.3	10.1	3.7	1.7	0.3	30.3	45.7 45.6	0.0	0.2	0.0		0.0		191.3	R 58.2	R 252 8
2005	33.0	49.0	18.9	1.1	3.0	1.4	31.3	45.6 55.8	0.0	0.2 0.2	0.0	0.4	0.0	27.3	165.6	R 50.5 R 58.2 R 60.7	R 226.2
2006	15.7	56.1 59.2	21.4	1.4	3.2	1.5	29.5	56.9	0.0	0.4	0.0	0.4	0.0	28.5	158.0	R 59.0 R 58.0 R 58.9 R 57.1 R 59.4	R 217.0
2007 2008	20.8 19.8	59.2 56.8	15.3 15.3	1.5	2.7 2.5	1.9 2.8	27.4 27.0	48.9 48.1	0.0 0.0	0.4 0.4	0.0 0.0		0.0		159.5 156.6	n 58.0	R 217.5 R 215.5
2008	16.1	54.0	10.3	0.6 0.4	2.5	2.8 0.8	27.0 26.9	48.1	0.0	0.4	0.0	0.5	(s)	29.3	141.8	R 57 1	R 198 9
2010	16.5	58.3	11.1 9.1	1.1	1.9	0.1	30.9	43.1	0.0	0.5	0.0	0.3	(s)	30.1	148.9	R 59.4	R 198.9 R 208.3
2011	13.8	62.3	12.1	0.8	2.0	(s)	32.1	47.0	0.0	0.2	0.0	0.3	(s)	31.8	155.4 R 167.6		
2012	13.5	70.6	13.4	1.6	2.0	(s)	32.9	49.9 48.8	0.0	0.2 0.2	(s)	0.4	(s)	33.1	^R 167.6	H 64.8	R 232.4
2013 2014	14.7 13.9	75.8 71.0	16.4 18.4	1.0 1.1	2.0 1.6	(s)	29.5 28.9	50.1	0.0	0.2	(s)	0.4 0.4	(s)	34.2 34.0	174.0 169.6	R 63.8	R 233 4
2015	15.1	70.7	13.7	0.7	2.1	(s)	29.5	45.9	0.0	0.2 0.2 0.2	(s)	0.4	(s) _ (s)	32.1	164.4	R 64.8 R 67.5 R 63.8 R 60.4 R 55.6 R 55.6	R 233.4 R 224.8 R 217.1
2016	13.1	67.6	12.7	1.3	2.1	Ô.Ó	32 7	48.8	0.0	0.2	0.0	0.4	R/e\	31 3	161.5	R 55.6	R 217.1
2017	11.1	64.4	14.9	0.8	2.1	0.0	R 34.0 R 32.2	R 51.9	0.0	0.2 0.2	0.0		R (s) R (s)	31.7 32.0	R 159.7 R 156.4	ⁿ 55.6	R 215.3 R 212.0
2018 2019	8.7 8.7	63.0 63.5	16.6 14.8	1.0 1.1	2.2 2.2	(s) 0.0	R 32 q	R 52.0 R 51.0	0.0 0.0	0.2	0.0 0.0		H (c)	30 /	R 156.1	11 55.6 R 56.7	R 212.8
2020		60.4	13.8	1.1	2.2	0.0	R 32.8 R 32.0	R 50.0 R 49.7	0.0	0.2	0.0		H (s)	33.0	R 151.1	R 55.6 R 56.7 R 57.2 R 54.0	R 208.2 R 205.7
2021	7.1 7.7	60.4 R 61.3	14.4	1.1	2.2 2.2	(s)	R 32.0	R 49.7	0.0	0.2 0.2	0.0	0.4	rt (s)	32.3	R 151.1 R 151.6	R 54.0	R 205.7
2022	7.4	58.3	14.6	2.0	2.3	(s)	33.7	52.6	0.0	0.2	0.0	0.4	(s)	31.1	149.9	51.1	201.0

a Includes supplemental gaseous fuels that are commingled with natural gas.

the other fossil fuels from which they are mostly derived, but should be counted only once in End Use and Total. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by industrial utility-scale facilities.

Incurred in the generation, transmission, and distribution of électricity 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.

KWh = Kilowatthours. — = 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 industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants. · 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/

b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
 c Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014 and 2015 because of coverage. See Technical Notes, Section 4.

d Includes asphalt and road oil, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See

Technical Notes, Section 4.

^e Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, 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.

⁹ Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

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

Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in

Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

k Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and

Table CT7. Transportation sector energy consumption estimates, selected years, 1960-2022, Utah

						Pe	etroleum							
	Coal	Natural gas ^a	Aviation gasoline	Distillate fuel oil ^b	HGL [©]	Jet fuel ^d	Lubricants	Motor gasoline ^e	Residual fuel oil	Total	Electricity ^f		Electrical	
Year	Thousand short tons	Billion cubic feet				Thous	sand barrels				Million kilowatthours	End use ^{g,h}	system energy losses ⁱ	Total ^{g,h}
1960	45	(s)	595 383	2,312	35 12	1,003	152 151	7,232	370	11,698	0			
1965	8	(s) (s) (s)	383	2.569	12	1,244	151	7,232 8,534	98	12,991	0			
1970 1975	4 (s)	(s) (s)	178 161	2,870 4 141	6 11	1,808 1,903	161 158	11,845 14,586	25 68	16,893 21,028	0			
1980	0	1	139	4,141 4,974	14	2,637	158 194	15.288	0	23,245	ŏ			
1985 1990	0	1	94 106	4,121 5,056	76 51	3,808 5,281	176 198	15,932 16,430	0 48	24,207 27,169	0			
1990	0	3	64	6.566	32	5,658	189	20,428	46 0	32 936	0			
2000	Ö	4	84	8,353 10,021	43 47	7,701	202 170	23,633	Ō	40,015 41,806	8			
2005	0	9 11	107 110	10,021 13,018	47 64	7,394 7,560	170 166	24,067 24,676	0	41,806	28 29			
2006 2007	0	12	78	12,745	39	7,085	171	25,505	0	45,593 45.624	34			
2008	Õ	12	110	10,967	39 63	6,509	159	24,541	Õ	45,593 45,624 42,349	33			
2009 2010	0	10 11	138 65	10,326 10,570	36 15	5,751 5,031	143 221	24,830 24,370	0	41,225 40,271	32 34			
2010	0	12	61	12,713	15	4,825	237	25.149	0	43,000	35			
2012	Ö	13	57	11,702	15 24 25	4,608	237 211	24,812	Ö	41 405	38			
2013 2014	0	14 14	49 63	11,802 11,324	24	4,468 4,816	222 222	25,666 26,133	0	42,231 42,583	54 61			
2014	0	14	60	11,495	23	5,288	247	26,962	0	42,363 44.076	56			
2016	0	13	56	11,422	44	5.963	247 R 235 R 221	27.698	Ō	44,076 R 45,417	56 57			
2017 2018	0	11 13	55 50	11,882 12,300	9 5	6,357 8,619	n 221 B 211	27,922 27,860	0	n 46,445 B 40,054	56 51			
2019	0	13	56 55 59 60	11,908	12	7.501	R 211 R 202	28,797	0	R 46,445 R 49,054 R 48,479	52			
2020	0	12 12	59 59	12,836	14	5,251 7,369	H 196	26,546	0	R 44,903 R 47,946	49 49			
2021 2022	0	12 12	59 61	R 12,149 13,637	16 12	7,369 8,049	R 198 224	28,090 27,979	0	7 47,946 50,005	49 46			
LULL		12	- 01	10,001		0,040		Ilion Btu		00,000	-10			
1960	1.2	0.1	3.0	13.5	0.1	5.4			2.3	63.2	0.0	64.5	0.0	64.5
1965	0.2	0.4	1.9	15.0	(s) (s)	6.8	0.9 0.9	38.0 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 1980	(s) 0.0	0.3 0.9	0.8 0.7	24.1 29.0	(s) 0.1	10.6 14.6	1.0	76.6 80.3	0.4 0.0	113.6 125.8	0.0 0.0	113.8 126.8	0.0 0.0	113.8 126.8
1985	0.0	1.3	0.5	24.0	0.3	21.3	1.2 1.1	83.7 86.3	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 2000	0.0 0.0	3.3 3.7	0.3 0.4	38.2 48.6	0.1 0.2	31.8 43.7	1.1 1.2	106.3 122.9	0.0 0.0	178.0 217.0	0.0 (s)	181.3 220.7	0.0 0.1	181.3 220.8
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 0.2	260.5 259.9
2007 2008	0.0 0.0	12.9 12.5	0.4 0.6	73.7 63.4	0.2 0.2	40.2 36.9	1.0 1.0	131.1 125.3	0.0 0.0	246.6 227.4	0.1 0.1	259.7 240.0	0.2 0.2	259.9 240.2
2009 2010	0.0	10.9	0.7	59.7	0.1	32.6 28.5	0.9 1.3	126.4 123.5	0.0	220.4 214.8	0.1	231.3 225.9	0.2 0.2	231.6 226.2
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 2012	0.0 0.0	12.1 13.8	0.3	73.4 67.5	0.1 0.1	27.4 26.1	1.4 1.3	127.3 125.6	0.0 0.0	229.8 220.8	0.1 0.1	242.1 234.8	0.2 0.3	242.3 235.0
2013	0.0	14.3	0.3 0.2	68.0	0.1	26.1 25.3	1.3 1.3	129.9	0.0	224.9	0.2	239.4	0.4	235.0 239.8
2014	0.0	15.1 15.0	0.3 0.3	65.3 66.2	0.1	27.3 30.0	1.3 1.5	132.2 136.3	0.0 0.0	226.5	0.2	241.8	0.4	242.2 250.0
2015 2016	0.0 0.0	15.0 13.3	0.3	65.8	0.1 0.2	30.0	1.5 1.4	136.3 140.0	0.0	234.5 R 241.5	0.2 0.2	249.6 R 255.0	0.4 R 0.3 R 0.3	255.3
2017	0.0	11.8	0.3	68.4		36.0	1.3	141.1	0.0	247.2	0.2	R 259.2	R 0.3	259.5 275.8
2018	0.0	13.2	0.3	70.8	(s) (s)	48.9	1.3	140.8	0.0	262.1	0.2	275.5	0.3	275.8
2019 2020	0.0 0.0	13.6 12.9	0.3	68.6 73.9	(s) 0.1	42.5 29.8	1.2 1.2	145.5 134.1	0.0 0.0	258.2 239.3	0.2	272.0 252.4	0.3	272.3 252.7
2021	0.0	12.9	0.3 0.3 0.3	73.9 R 70.0	0.1	41.8	1.2 1.2 R 1.2	141.9	0.0	239.3 R 255.6	0.2 0.2	252.4 R 268.6	0.3 0.3	^H 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

a Transportation use of natural gas to operate pipelines and, since 1990, also includes vehicle fuel.
 b Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil.

C Hydrocarbon gas liquids, assumed to be propane only.

d 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.

e Beginning in 1993, includes fuel ethanol blended into motor gasoline.

f 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.

⁹ There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.

^h For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.
ⁱ 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

Coal					Petroleum Distillate Petroleum Residual					Biomass					
Thousand burnels Million kilowatthours Million k		Coal		Distillate fuel oil ^b		Residual fuel oil ^c	Total	electric	Hydroelectric power d		Geothermal ^f	Solar ^{f,g}	Wind ^f	net	
1975	Year				Thousand	d barrels		Million kil	owatthours	and		Million ki	lowatthours		Total ^{f,i}
1975	1960	515	4			2,291	2,302		304			NA			
1975	1965 1970	363 435	5 4			1,597 1,768	1,605 1,777							U	
1886	1975	2,026	3	10	Ŏ	152	162	Ō	1,074		Ö	NA	NA	Ŏ	
1990	1980 1985	4,895 6,325	5 (9)	67 55	0	58 25	126 80		821 1 019					0	
2000	1990	13,563	`í	84	Ŏ	0	84	0	508		152	ŏ	0	Ö	
2006 16,600 29 126 0 0 126 0 747 191 0 0 14 2007 16,5367 55 73 0 0 0 773 0 598 194 0 0 16 0 16 2008 16,5367 55 15 73 0 0 0 73 0 698 194 0 0 16 0 45 2009 15,233 49 81 0 0 0 81 0 698 279 0 16 0 45 2010 15,233 49 81 0 0 0 88 0 1230 2011 15,005 40 88 0 0 0 88 0 1230 2011 15,005 40 88 0 0 0 88 0 1230 2011 15,005 40 88 0 0 0 88 0 1230 2011 15,005 40 88 0 0 0 88 0 1230 2011 15,005 40 88 0 0 0 88 0 1230 2011 15,005 40 88 0 0 0 88 0 1230 2011 15,005 40 88 0 0 0 88 0 0 1230 2011 15,005 40 88 0 0 0 88 0 0 1230 2011 15,005 40 88 0 0 0 88 0 0 1230 2011 15,005 40 88 0 0 0 88 0 0 1230 2011 15,005 40 88 0 0 0 88 0 0 1230 2011 15,005 40 88 0 0 0 88 0 0 1230 2011 15,005 40 80 0 0 0 80 0 1230 2011 15,005 40 80 0 0 0 80 0 1230 2011 15,005 40 80 0 0 0 80 0 1230 2011 15,005 40 80 0 0 0 80 0 1230 2011 15,005 40 80 0 0 0 80 0 1230 2011 15,005 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1995	13,693 15,164		66 101	0		66 101				140 152	0		0	
2008 16,927 55 78 0 0 78 0 688 2574 0 24 42 2010 15,923 58 68 68 0 0 0 68 0 0 68 0 2011 15,005 48 68 0 0 0 68 0 0 0 68 0 0 2011 15,005 40 88 0 0 0 68 0 0 0 2012 14,084 47 88 0 0 0 68 0 0 0 2013 15,005 59 50 48 0 0 0 44 0 0 0 2014 15,005 50 50 48 0 0 0 48 0 0 0 2015 14,084 47 88 0 0 0 48 0 0 0 2016 12,001 50 56 34 0 0 0 44 0 0 0 2016 12,001 60 55 0 0 0 55 0 0 2017 12,438 41 66 0 0 0 66 0 1,239 2018 12,238 41 66 0 0 0 66 0 1,239 2019 12,238 41 66 0 0 0 66 0 1,239 2010 12,238 41 66 0 0 0 66 0 1,239 2011 12,338 41 66 0 0 0 66 0 1,239 2012 12,231 67 71 0 0 0 66 0 1,239 2013 12,231 67 71 0 0 0 66 0 1,239 2014 12,231 67 71 0 0 0 67 0 0 2017 12,232 3 3 0 0 0 0 0 0 2018 12,231 67 71 0 0 0 0 0 0 2019 12,231 67 71 0 0 0 0 0 0 2010 12,231 67 71 0 0 0 0 0 0 2010 12,231 67 71 0 0 0 0 0 0 2010 12,231 71 71 71 71 71 71 71	2005	17,118	12	74	ŏ	Ö	74	Ö	784		185	ŏ	Ö		
2008 16,927 55 78 0 0 78 0 688 2574 0 24 42 2010 15,923 58 68 68 0 0 0 68 0 0 68 0 2011 15,005 48 68 0 0 0 68 0 0 0 68 0 0 2011 15,005 40 88 0 0 0 68 0 0 0 2012 14,084 47 88 0 0 0 68 0 0 0 2013 15,005 59 50 48 0 0 0 44 0 0 0 2014 15,005 50 50 48 0 0 0 48 0 0 0 2015 14,084 47 88 0 0 0 48 0 0 0 2016 12,001 50 56 34 0 0 0 44 0 0 0 2016 12,001 60 55 0 0 0 55 0 0 2017 12,438 41 66 0 0 0 66 0 1,239 2018 12,238 41 66 0 0 0 66 0 1,239 2019 12,238 41 66 0 0 0 66 0 1,239 2010 12,238 41 66 0 0 0 66 0 1,239 2011 12,338 41 66 0 0 0 66 0 1,239 2012 12,231 67 71 0 0 0 66 0 1,239 2013 12,231 67 71 0 0 0 66 0 1,239 2014 12,231 67 71 0 0 0 67 0 0 2017 12,232 3 3 0 0 0 0 0 0 2018 12,231 67 71 0 0 0 0 0 0 2019 12,231 67 71 0 0 0 0 0 0 2010 12,231 67 71 0 0 0 0 0 0 2010 12,231 67 71 0 0 0 0 0 0 2010 12,231 71 71 71 71 71 71 71	2006	16,609 16,503	29 56	126	0		126		747 530		191	0		14	
2010	2008	16,927	55	78	0	0	78	-	668		254	0	24	-42	
2013 15,229 50 46 0 0 0 46 0 505 319 2 540 -18 2016 15,629 59 42 0 0 0 42 0 633 550 2 260 11 2016 12,001 60 55 0 0 0 55 0 760 485 10.54 822 10 2017 12,438 41 66 0 0 0 66 0 1.294 481 1.251 828 18 2018 12,332 61 64 0 0 0 64 0 927 446 2.224 795 39 2019 11,991 67 70 0 0 70 0 875 310 2.288 795 39 2019 11,991 67 70 0 0 70 0 875 310 2.288 795 39 2020 11,006 67 70 0 0 71 0 875 310 2.288 795 39 2020 11,006 70 70 0 875 310 2.288 795 39 2020 11,006 70 70 10,00 70 0 875 310 2.288 795 39 2020 11,006 70 70 0 0 70 0 875 310 2.288 795 39 2020 11,006 70 70 0 0 70 0 875 310 2.288 795 39 2020 11,006 70 70 0 0 70 0 875 310 2.288 795 39 2020 11,006 70 70 0 0 70 0 875 310 2.288 795 39 2020 11,007 18 0 55 0 0 0 55 0 584 463 3.853 723 0 2020 11,007 18 0 55 0 0 0 55 0 684 463 3.853 723 0 2020 11,007 18 0 55 0 0 0 55 0 684 463 3.853 723 0 2020 11,007 18 0 0 12,007 18 0 0 11,11	2009	15.925	50	63	0		63		835		279	0	160	-35	
2013 15,229 50 46 0 0 0 46 0 505 319 2 540 -18 2016 15,629 59 42 0 0 0 42 0 633 550 2 260 11 2016 12,001 60 55 0 0 0 55 0 760 485 10.54 822 10 2017 12,438 41 66 0 0 0 66 0 1.294 481 1.251 828 18 2018 12,332 61 64 0 0 0 64 0 927 446 2.224 795 39 2019 11,991 67 70 0 0 70 0 875 310 2.288 795 39 2019 11,991 67 70 0 0 70 0 875 310 2.288 795 39 2020 11,006 67 70 0 0 71 0 875 310 2.288 795 39 2020 11,006 70 70 0 875 310 2.288 795 39 2020 11,006 70 70 10,00 70 0 875 310 2.288 795 39 2020 11,006 70 70 0 0 70 0 875 310 2.288 795 39 2020 11,006 70 70 0 0 70 0 875 310 2.288 795 39 2020 11,006 70 70 0 0 70 0 875 310 2.288 795 39 2020 11,006 70 70 0 0 70 0 875 310 2.288 795 39 2020 11,007 18 0 55 0 0 0 55 0 584 463 3.853 723 0 2020 11,007 18 0 55 0 0 0 55 0 684 463 3.853 723 0 2020 11,007 18 0 55 0 0 0 55 0 684 463 3.853 723 0 2020 11,007 18 0 0 12,007 18 0 0 11,11			46 40	88	0	•		-				0			
2016 12,001 60 55 0 0 55 0 760 485 1,054 822 10	2012	14.084	47	69	0	•	69	•	748		335		704		
2016 12,001 60 55 0 0 55 0 760 485 1,054 822 10	2013	15,529 15.062	50 59	46 42	0		46 42	•	505 633		319 522			-18 1	
2018	2015	14,580	56	34	Ö	Ö	34		769		430	32	626		
2018	2016 2017	12,001 12,438	60 41	55 66	0	0	55 66	0	760 1 294		485 481	1,054 2,211	822 858		
10,866	2018	12,332	61	64	ő		64		927		446	2,224	795		
12274	2019		67	70 71	0	0		•	875			2,186	819	0	
1960 12.8 3.8 0.1 0.0 14.4 14.5 0.0 R 1.0 0.0 0.0 0.0 NA NA 0.0 R 322 1965 9.1 4.4 (s) 0.0 10.0 10.1 0.0 R 3.1 0.0 0.0 0.0 NA NA 0.0 R 322 1970 10.8 3.3 0.1 0.0 11.1 11.2 0.0 R 3.5 0.0 0.0 0.0 NA NA 0.0 R 327 1975 47.9 2.9 0.1 0.0 1.0 1.0 0.0 R 3.7 0.0 0.0 0.0 NA NA 0.0 R 327 1980 112.1 4.9 0.4 0.0 0.4 0.8 0.0 R 2.8 0.0 0.0 0.0 NA NA 0.0 R 152.6 1985 149.3 0.3 0.3 0.3 0.3 0.0 0.2 0.5 0.0 R 3.5 0.0 P 0.4 0.0 0.0 0.0 P 152.6 1985 149.3 0.3 0.3 0.3 0.0 0.2 0.5 0.0 R 3.5 0.0 P 0.4 0.0 0.0 0.0 0.0 P 153.9 1990 312.0 0.9 0.5 0.0 0.0 0.5 0.0 P 1.7 0.0 P 0.5 0.0 0.0 0.0 P 335.7 1995 312.1 9.1 0.4 0.0 0.0 0.0 0.4 0.0 0.0 P 3.3 0.0 P 0.5 0.0 0.0 0.0 P 335.7 1995 312.1 9.1 0.4 0.0 0.0 0.0 0.4 0.0 P 3.3 0.0 P 0.5 0.0 0.0 0.0 P 335.7 2005 371.5 12.8 0.4 0.0 0.0 0.4 0.0 P 2.5 1.4 P 0.5 0.0 0.0 0.0 P 335.7 2005 371.5 12.8 0.4 0.0 0.0 0.0 0.4 0.0 P 2.7 0.8 P 0.6 0.0 0.0 0.1 P 388.9 2006 376.1 581.7 55.0 0.0 0.0 0.0 0.0 0.7 0.7 0.7 0.7 0.5 0.5 0.0 0.0 0.0 0.0 0.1 P 388.9 0.0 0	2021	12,274	76	68			68	Õ	459		420	3,479	825		
1960 128 38 0.1 0.0 144 14.5 0.0 R1.0 0.0 0.0 NA NA 0.0 R3.2 1965 9.1 4.4 (s) 0.0 10.0 10.1 0.0 R3.1 0.0 0.0 NA NA 0.0 R2.5 1970 10.8 3.3 0.1 0.0 11.1 11.2 0.0 R2.5 0.0 0.0 0.0 NA NA 0.0 R2.5 1973 47.9 2.9 0.1 0.0 10.1 10 0.0 R3.7 0.0 0.0 NA NA 0.0 R2.5 1974 1975 47.9 2.9 0.1 0.0 1.0 1.0 0.0 R3.7 0.0 0.0 0.0 NA NA 0.0 R2.5 1980 112.1 4.9 0.4 0.0 0.4 0.8 0.0 R2.8 0.0 0.0 0.0 NA NA 0.0 R2.5 1985 149.3 0.3 0.3 0.3 0.3 0.0 0.2 0.5 0.0 R3.5 0.0 R0.4 0.0 0.0 NA NA 0.0 R1.5 1980 312.0 0.9 0.5 0.0 0.0 0.0 0.5 0.0 R1.7 0.0 R0.5 0.0 0.0 0.0 0.0 R1.5 1985 312.1 9.1 0.4 0.0 0.0 0.4 0.0 R3.3 0.0 R0.5 0.0 0.0 0.0 R3.5 2000 347.6 11.0 0.6 0.0 0.0 0.4 0.0 R3.3 0.0 R0.5 0.0 0.0 0.0 R3.5 2005 371.5 12.8 0.4 0.0 0.0 0.4 0.0 R2.5 1.4 R0.5 0.0 0.0 0.0 0.1 R38.7 2006 3662 30.4 0.7 0.0 0.0 0.4 0.0 R2.5 1.4 R0.5 0.0 0.0 0.0 0.1 R38.7 2007 370.1 58.7 0.4 0.0 0.0 0.4 0.0 R2.5 0.8 R0.6 0.0 0.0 0.0 0.1 R38.7 2008 376.1 58.1 0.5 0.0 0.0 0.0 0.5 0.0 R2.3 1.0 R0.6 0.0 0.0 0.1 R48.2 2009 348.9 51.8 0.4 0.0 0.0 0.5 0.0 R2.3 1.1 R1.0 0.0 R0.5 0.1 R406.4 2010 339.6 50.2 0.5 0.0 0.0 0.5 0.0 R2.4 1.2 R0.9 0.0 R0.5 0.1 R406.4 2011 332.4 41.4 0.5 0.0 0.0 0.5 0.0 R2.4 1.2 R0.9 0.0 R1.5 (s) R38.0 2012 308.5 48.8 0.4 0.0 0.0 0.0 0.5 0.0 R2.6 1.3 R1.1 (s) R2.4 (s) R38.6 2013 340.5 51.1 0.3 0.0 0.0 0.0 0.5 0.0 R2.6 1.3 R1.1 (s) R2.4 (s) R38.6 2016 265.7 42.3 0.4 0.0 0.0 0.0 0.0 0.4 0.0 R2.6 1.3 R1.1	2022	10,571	80	55	0	0	55	0	564		463	3,853	723	0	
1970															
1970	1960 1965	12.8	3.8	0.1 (e)	0.0	14.4	14.5 10.1	0.0	H 1.0 R 3 1		0.0	NA NA	NA NA	0.0	H 32.2 R 26.7
1980	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
1985							1.0	0.0	H 3.7						H 55.5 B 120.6
2000	1985	149.3	0.3	0.3	0.0	0.2	0.5	0.0	н 3.5	0.0	R _{0.4}	0.0	0.0	0.0	n 153 9
2000	1990	312.0	0.9	0.5	0.0	0.0	0.5	0.0	H 1.7	0.0	H 0.5	0.0	0.0	0.0	H 315.7
2007 370.1 58.7 0.4 0.0 0.0 0.0 0.4 0.0 H1.8 0.6 H0.6 0.0 0.0 0.0 0.1 H32.2 2 0.0 2008 376.1 58.1 0.5 0.0 0.0 0.5 0.0 F2.3 1.0 F0.9 0.0 F0.1 0.1 F438.7 2009 348.9 51.8 0.4 0.0 0.0 0.4 0.0 F2.8 1.1 F1.0 0.0 F0.5 0.1 F4.0 2010 339.6 50.2 0.5 0.0 0.0 0.0 0.5 0.0 F2.4 1.2 F0.9 0.0 F1.5 (s) F3.8 3.0 2011 332.4 41.4 0.5 0.0 0.0 0.5 0.0 F2.4 1.2 F0.9 0.0 F1.5 (s) F3.8 3.0 2012 308.5 48.8 0.4 0.0 0.0 0.0 0.5 0.0 F2.6 1.3 F1.1 (s) F2.4 (s) F3.6 1 2013 340.5 51.1 0.3 0.0 0.0 0.0 0.4 0.0 F2.6 1.3 F1.1 (s) F2.4 (s) F3.6 1 2014 330.1 60.5 0.2 0.0 0.0 0.0 0.0 F2.6 1.3 F1.1 (s) F1.8 0.1 F3.97.9 2015 314.9 58.5 0.2 0.0 0.0 0.0 0.0 F2.6 1.2 F1.5 F0.1 F2.1 0.1 F3.8 1 2016 255.9 61.6 0.3 0.0 0.0 0.0 F2.6 1.3 F1.7 F3.6 F2.3 (s) F3.8 1 2017 263.7 42.3 0.4 0.0 0.0 0.0 F2.6 1.3 F1.7 F3.6 F2.7 0.1 F3.8 1 2018 264.4 63.2 0.4 0.0 0.0 0.0 F3.2 0.8 F1.5 F7.6 F2.7 0.1 F3.40 0	2000	347.6	11.0	0.6			0.4	0.0	R 2.5		Rns				R 363.7
2007 370.1 58.7 0.4 0.0 0.0 0.0 0.4 0.0 H1.8 0.6 H0.6 0.0 0.0 0.0 0.1 H32.2 2 0.0 2008 376.1 58.1 0.5 0.0 0.0 0.5 0.0 F2.3 1.0 F0.9 0.0 F0.1 0.1 F438.7 2009 348.9 51.8 0.4 0.0 0.0 0.4 0.0 F2.8 1.1 F1.0 0.0 F0.5 0.1 F4.0 2010 339.6 50.2 0.5 0.0 0.0 0.0 0.5 0.0 F2.4 1.2 F0.9 0.0 F1.5 (s) F3.8 3.0 2011 332.4 41.4 0.5 0.0 0.0 0.5 0.0 F2.4 1.2 F0.9 0.0 F1.5 (s) F3.8 3.0 2012 308.5 48.8 0.4 0.0 0.0 0.0 0.5 0.0 F2.6 1.3 F1.1 (s) F2.4 (s) F3.6 1 2013 340.5 51.1 0.3 0.0 0.0 0.0 0.4 0.0 F2.6 1.3 F1.1 (s) F2.4 (s) F3.6 1 2014 330.1 60.5 0.2 0.0 0.0 0.0 0.0 F2.6 1.3 F1.1 (s) F1.8 0.1 F3.97.9 2015 314.9 58.5 0.2 0.0 0.0 0.0 0.0 F2.6 1.2 F1.5 F0.1 F2.1 0.1 F3.8 1 2016 255.9 61.6 0.3 0.0 0.0 0.0 F2.6 1.3 F1.7 F3.6 F2.3 (s) F3.8 1 2017 263.7 42.3 0.4 0.0 0.0 0.0 F2.6 1.3 F1.7 F3.6 F2.7 0.1 F3.8 1 2018 264.4 63.2 0.4 0.0 0.0 0.0 F3.2 0.8 F1.5 F7.6 F2.7 0.1 F3.40 0	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
2008	2006	366.2 370.1	30.4 58.7	0.7	0.0	0.0	0.7	0.0	H18	0.8	R 0.6	0.0	0.0	(S) -0.1	R 432.2
2012 308.5 48.8 0.4 0.0 0.0 0.4 0.0 H2.6 1.3 H1.1 (s) H2.4 (s) H365.1 2013 340.5 51.1 0.3 0.0 0.0 0.0 0.3 0.0 H1.7 1.4 H1.1 (s) H1.8 0.1 H397.9 2014 330.1 60.5 0.2 0.0 0.0 0.2 0.0 H2.2 1.5 H1.8 (s) H2.3 (s) H398.6 2015 314.9 58.5 0.2 0.0 0.0 0.0 0.2 0.0 H2.6 1.2 H1.5 H0.1 H2.1 0.1 H381.2 2016 255.9 61.6 0.3 0.0 0.0 0.0 0.2 0.0 H2.6 1.3 H1.7 H3.6 H2.8 (s) H329.9 2017 263.7 42.3 0.4 0.0 0.0 0.0 0.4 0.0 H3.2 0.8 H1.5 H7.6 H2.8 (s) H324.0 2018 264.4 63.2 0.4 0.0 0.0 0.0 0.4 0.0 H3.2 0.8 H1.5 H7.6 H2.7 0.1 H343.9 2018 264.4 63.2 0.4 0.0 0.0 0.0 0.4 0.0 H3.2 0.8 H1.5 H7.6 H2.7 0.1 H343.9 2019 265.3 70.2 0.4 0.0 0.0 0.4 0.0 H3.2 0.8 H1.5 H7.6 H2.7 0.1 H343.9 2019 265.3 70.2 0.4 0.0 0.0 0.4 0.0 H3.2 0.8 H1.5 H7.6 H2.7 0.1 H343.9 2019 265.3 70.2 0.4 0.0 0.0 0.4 0.0 H3.2 0.8 H1.1 H7.5 H2.9 0.0 H344.0 0.0 H344.0 0.0 H344.0 0.0 H3.4 0.0 H3.	2008	376.1	58.1	0.5	0.0	0.0	0.5	0.0	Rog	1.0	Rng	0.0	R 0.1	-0.1	R 438.7
2012 308.5 48.8 0.4 0.0 0.0 0.4 0.0 H2.6 1.3 H1.1 (s) H2.4 (s) H365.1 2013 340.5 51.1 0.3 0.0 0.0 0.0 0.3 0.0 H1.7 1.4 H1.1 (s) H1.8 0.1 H397.9 2014 330.1 60.5 0.2 0.0 0.0 0.2 0.0 H2.2 1.5 H1.8 (s) H2.3 (s) H398.6 2015 314.9 58.5 0.2 0.0 0.0 0.0 0.2 0.0 H2.6 1.2 H1.5 H0.1 H2.1 0.1 H381.2 2016 255.9 61.6 0.3 0.0 0.0 0.0 0.2 0.0 H2.6 1.3 H1.7 H3.6 H2.8 (s) H329.9 2017 263.7 42.3 0.4 0.0 0.0 0.0 0.4 0.0 H3.2 0.8 H1.5 H7.6 H2.8 (s) H324.0 2018 264.4 63.2 0.4 0.0 0.0 0.0 0.4 0.0 H3.2 0.8 H1.5 H7.6 H2.7 0.1 H343.9 2018 264.4 63.2 0.4 0.0 0.0 0.0 0.4 0.0 H3.2 0.8 H1.5 H7.6 H2.7 0.1 H343.9 2019 265.3 70.2 0.4 0.0 0.0 0.4 0.0 H3.2 0.8 H1.5 H7.6 H2.7 0.1 H343.9 2019 265.3 70.2 0.4 0.0 0.0 0.4 0.0 H3.2 0.8 H1.5 H7.6 H2.7 0.1 H343.9 2019 265.3 70.2 0.4 0.0 0.0 0.4 0.0 H3.2 0.8 H1.1 H7.5 H2.9 0.0 H344.0 0.0 H344.0 0.0 H344.0 0.0 H3.4 0.0 H3.	2009	348.9 339.6	51.8 50.2	0.4	0.0	0.0	0.4	0.0	n 2.8 R 2.4		n 1.0 R n a	0.0	n 0.5 R 1 5	-0.1 (s)	n 406.4 R 396.4
2012 308.5 48.8 0.4 0.0 0.0 0.4 0.0 H2.6 1.3 H1.1 (s) H2.4 (s) H365.1 2013 340.5 51.1 0.3 0.0 0.0 0.3 0.0 H2.6 1.3 H1.1 (s) H1.8 0.1 H397.9 2014 330.1 60.5 0.2 0.0 0.0 0.2 0.0 H2.2 1.5 H1.8 (s) H2.3 (s) H398.6 2015 314.9 58.5 0.2 0.0 0.0 0.0 0.2 0.0 H2.6 1.2 H1.5 H0.1 H2.1 0.1 H381.2 2016 255.9 61.6 0.3 0.0 0.0 0.0 0.2 0.0 H2.6 1.2 H1.5 H0.1 H2.1 0.1 H381.2 2017 263.7 42.3 0.4 0.0 0.0 0.0 0.4 0.0 H2.6 1.3 H1.7 H3.6 H2.8 (s) H329.9 2018 264.4 63.2 0.4 0.0 0.0 0.0 0.4 0.0 H3.2 0.8 H1.5 H7.6 H2.7 0.1 H343.9 2018 264.4 63.2 0.4 0.0 0.0 0.0 0.4 0.0 H3.2 0.8 H1.5 H7.6 H2.7 0.1 H343.9 2018 264.4 63.2 0.4 0.0 0.0 0.0 0.4 0.0 H3.2 0.8 H1.5 H7.6 H2.7 0.1 H343.9 2019 265.3 70.2 0.4 0.0 0.0 0.4 0.0 H3.2 0.8 H1.5 H7.6 H2.7 0.1 H343.9 2019 265.3 70.2 0.4 0.0 0.0 0.4 0.0 H3.2 0.8 H1.1 H7.5 H2.9 0.0 H344.0 0.0 H344.0 0.0 H344.0 0.0 H3.4 0.0 H3.	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
2014 330.1 60.5 0.2 0.0 0.0 0.2 0.0 R2.2 1.5 R1.8 (s) R2.3 (s) R398.6 2015 314.9 58.5 0.2 0.0 0.0 0.2 0.0 R2.6 1.2 R1.5 R0.1 R2.1 0.1 R381.2 2016 255.9 61.6 0.3 0.0 0.0 0.3 0.0 R2.6 1.3 R1.7 R3.6 R2.8 (s) R329.9 2017 263.7 42.3 0.4 0.0 0.0 0.4 0.0 R4.4 1.1 R1.6 R7.5 R2.9 (s) R324.0 2018 264.4 63.2 0.4 0.0 0.0 0.0 0.4 0.0 R3.2 0.8 R1.5 R7.6 R2.7 0.1 R343.9 2018 264.4 63.2 0.4 0.0 0.0 0.0 0.4 0.0 R3.2 0.8 R1.5 R7.6 R2.7 0.1 R343.9 2019 265.3 70.2 0.4 0.0 0.0 0.4 0.0 R3.2 0.8 R1.5 R7.6 R2.7 0.1 R343.9 0.0 R344.0 R344.0 0.0 R344.0		308.5	48.8	0.4	0.0	0.0	0.4	0.0	H 2.6 B 1.7		H 1.1 R 1 1	(s)	H 2.4 R 1 9	(s)	H 365.1 B 307.0
2015 314.9 58.5 0.2 0.0 0.0 0.2 0.0 "2.6 1.2 "1.5 "0.1 "2.1 0.1 "381.2 "2016 255.9 61.6 0.3 0.0 0.0 0.3 0.0 R2.6 1.3 R1.7 R3.6 R2.8 (s) R329.9 2017 263.7 42.3 0.4 0.0 0.0 0.4 0.0 R4.4 1.1 R1.6 R7.5 R2.9 (s) R324.0 2018 264.4 63.2 0.4 0.0 0.0 0.0 0.4 0.0 R3.2 0.8 R1.5 R7.6 R2.7 0.1 R343.9 2018 264.4 63.2 0.4 0.0 0.0 0.0 0.4 0.0 R3.2 0.8 R1.5 R7.6 R2.7 0.1 R343.9 2019 265.3 70.2 0.4 0.0 0.0 R3.4 0.0 R3.2 0.8 R1.5 R7.6 R2.7 0.1 R343.9 0.0 R344.0 R3.4 R3.4 R3.4 R3.4 R3.4 R3.4 R3.4 R3.4	2014	330.1	60.5	0.2	0.0	0.0	0.2	0.0	Roo	1.5	R 1 8	(e)	Rog	-0.1 (s)	H 308 6
2017 263.7 42.3 0.4 0.0 0.0 0.4 0.0 R4.4 1.1 R1.6 R7.5 R2.9 (s) R324.0 2018 264.4 63.2 0.4 0.0 0.0 0.4 0.0 R3.2 0.8 R1.5 R7.6 R2.7 0.1 R343.9 30.0 R344.0 R343.9 R343.9 R343.9 R344.0 R343.9 R343.9 R344.0 R343.9 R344.0 R343.9 R344.0 R343.9 R344.0 R343.9 R344.0 R343.9 R344.0 R344.0 R343.9 R343.9 R343.9 R344.0 R343.9 R344.0 R343.9 R344.0 R343.9 R344.0 R343.9 R344.0 R343.9 R343.9 R344.0 R343.9 R343.9 R343.0 R343.9 R343.0 R3	2015	314.9	58.5	0.2	0.0	0.0	0.2	0.0	R 2.6	1.2	H 1.5	Ròí	R 2.1	0.1	R 381.2
2010 2583 702 04 00 00 04 00 H2A0 08 H11 H75 H28 00 H2AA0	2016	263.7	42.3	0.3		0.0		0.0	R 4 4		R 1.6	R 7.5	R 2.9	(s)	R 324.0
2010 2583 702 04 00 00 04 00 H20 08 H11 H75 H28 00 H2440	2018	264.4	63.2	0.4	0.0	0.0	0.4	0.0	R 3.2	0.8	H15	R 7.6	R 2.7		H 343.9
2021 268.4 79.2 0.4 0.0 0.0 0.4 0.0 P1.6 0.8 P1.4 P11.9 P2.8 0.0 P366.5 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	2019	258.3 237.2	70.2 60.8	0.4				0.0	H 3.0 H 2.8	0.8 0.8	H 1.1 R 1.3	H 7.5	H 2.8 R 2.7	0.0	H 344.0
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	2021	268.4	79.2	0.4	0.0	0.0	0.4	0.0	R 1.6	0.8	H 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

^a Includes supplemental gaseous fuels that are commingled with natural gas.

b 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.

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

Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
 There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
 Solar thermal and photovoltaic energy.

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