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

Page				Petroleum						Biomass						
Thousand Darwish Thousand barries Thousand ba		Coal		Distillate fuel oil b		Residual fuel oil ^c	Total	electric	Hydroelectric power d		Geothermal ^f	Solar ^{f,g}	Wind ^f	net		
1970	Year			Thousand barrels				Million kilowatthours		and	Million kilowatthours			Total ^{f,i}		
1970	1960	515	4			2,291	2,302		304			NA				
1970	1965 1970	363 435	5 4			1,597 1,768	1,605 1,777							· ·		
1886	1975	2,026	3	10	Ŏ	152	162	Ō	1,074		Ö	NA	NA	ŏ		
1990 135,653	1980 1985	4,895 6,325	5 (9)	67 55	0	58 25	126 80		821 1 019					0		
2000	1990	13,563	`1	84	Õ	0	84	0	508		152	ő	0	Ö		
2006 16,509 29 128 0 0 128 0 747 191 0 0 14 2008 15,525 55 73 0 0 0 73 0 538 194 0 0 0 14 2008 15,225 55 57 3 0 0 0 63 0 63 0 638 277 0 448 4 4 4 4 4 4 4 4	1995	13,693 15,164		66 101	0		66 101				140 152	0		0		
1,000	2005	17,118	12	74	ŏ	Ö	74	Ö	784		185	ŏ	Ö			
1,000	2006	16,609 16,503	29 56	126	0		126		747 530		191	0		14		
2010 15,233 48 81 0 0 0 81 0 666 277 0 448 4 2011 15,005 40 47 88 0 0 0 88 0 0 1,230 330 0 573 1 0 0 2012 11,005 40 47 88 0 0 0 88 0 0 1,230 300 0 573 1 0 0 2013 11,029 50 44 0 0 0 44 0 0 748 2014 15,002 59 44 0 0 0 44 0 0 748 2015 11,500 60 55 9 44 0 0 0 0 42 0 633 2016 12,001 60 60 55 0 0 0 55 0 0 780 2017 14,500 60 55 0 0 0 55 0 0 780 2018 12,001 60 60 55 0 0 0 0 55 0 0 780 2019 12,001 60 60 55 0 0 0 0 64 0 1,237 2019 12,001 60 60 55 0 0 0 0 64 0 1,237 2019 11,891 67 70 0 0 0 70 0 875 2020 10,866 67 71 0 0 0 71 0 817 2021 12,274 76 68 0 0 68 0 459 2022 10,571 80 55 0 0 55 0 564 2022 10,571 80 55 0 0 0 55 0 564 2022 10,571 80 55 0 0 0 68 0 0 499 2023 10,866 87 71 0 0 0 71 0 817 2024 12,271 80 55 0 0 0 88 0 0 499 2025 10,571 80 55 0 0 0 88 0 0 499 2026 10,866 10 0 0 144 145 0 0 810 2027 12,271 80 0 55 0 0 0 85 0 664 2028 12,271 80 0 0 0 88 0 0 88 0 489 2029 10,571 80 55 0 0 0 85 0 664 2020 10,866 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2008	16,927	55	78	0	0	78		668		254	0	24	-42		
2013	2009	15.925	50	63	0		63		835		279	U	160	-35		
2013			40	88	0	v						0				
2016 12,001 60 55 0 0 55 0 0 55 0 760 485 1,054 822 10 2018 12,332 61 64 0 0 0 64 0 927 446 2,224 795 39 2018 12,332 61 64 0 0 0 64 0 927 310 2,166 813 0 2018 11,891 67 710 0 0 710 0 817 310 2,166 813 0 2021 10,865 67 71 0 0 0 71 0 817 377 2,571 803 0 0 2021 10,571 80 55 0 0 55 0 564 463 3,853 723 0 2021 10,571 80 5 0 0 0 14,4 14,5 0 819 463 3,853 723 0 2021 10,571 80 3 10,571 80 10,571	2012	14.084	47	69	0	•	69	•	748		335		704			
2016 12,001 60 55 0 0 55 0 0 55 0 760 485 1,054 822 10 2018 12,332 61 64 0 0 0 64 0 927 446 2,224 795 39 2018 12,332 61 64 0 0 0 64 0 927 310 2,166 813 0 2018 11,891 67 710 0 0 710 0 817 310 2,166 813 0 2021 10,865 67 71 0 0 0 71 0 817 377 2,571 803 0 0 2021 10,571 80 55 0 0 55 0 564 463 3,853 723 0 2021 10,571 80 5 0 0 0 14,4 14,5 0 819 463 3,853 723 0 2021 10,571 80 3 10,571 80 10,571	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		
Trillion Btu 12.8 3.8 0.1 0.0 14.4 14.5 0.0 18.1 0.0	2021	12,274	76	68			68	Õ	459		420	3,479	825			
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 3.2 1965 9.1	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 (s)	0.0	14.4	14.5 10.1	0.0	H 1.0 R 3.1		0.0	NA NA	NA NA	0.0	н 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 H.1.8 0.6 H.0.6 0.0 0.0 0.0 -0.1 H.32.2 2008 376.1 58.1 0.5 0.0 0.0 0.0 0.5 0.0 H.2.3 1.0 H.0.9 0.0 H.0.1 -0.1 H.33.7 2009 348.9 51.8 0.4 0.0 0.0 0.0 0.4 0.0 H.2.8 1.1 H.1.0 0.0 H.0.5 -0.1 H.34.6.4 2010 339.6 50.2 0.5 0.0 0.0 0.0 0.5 0.0 H.2.4 1.2 H.0.9 0.0 H.1.5 (s) H.38.3 0.0 0.0 0.5 0.0 H.2.4 1.2 H.0.9 0.0 H.1.5 (s) H.38.3 0.0 2012 308.5 48.8 0.4 0.0 0.0 0.0 0.5 0.0 H.4.2 1.3 H.1.1 (s) H.2.0 0.0 H.2.0 (s) H.383.0 2012 308.5 51.1 0.3 0.0 0.0 0.0 0.4 0.0 H.2.6 1.3 H.1.1 (s) H.2.4 (s) H.3.6 1.3 1.1 (s) H.3.6 1.1 H.3.6 H.3.5 H.3.6 1.2 H.3.6 1.3 H.1.7 H.3.6 H.3.5 H.3.6 1.2 H.3.6 1.3 H.3.7 H.3.6 H.3.	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 H.1.8 0.6 H.0.6 0.0 0.0 0.0 -0.1 H.32.2 2008 376.1 58.1 0.5 0.0 0.0 0.0 0.5 0.0 H.2.3 1.0 H.0.9 0.0 H.0.1 -0.1 H.33.7 2009 348.9 51.8 0.4 0.0 0.0 0.0 0.4 0.0 H.2.8 1.1 H.1.0 0.0 H.0.5 -0.1 H.34.6.4 2010 339.6 50.2 0.5 0.0 0.0 0.0 0.5 0.0 H.2.4 1.2 H.0.9 0.0 H.1.5 (s) H.38.3 0.0 0.0 0.5 0.0 H.2.4 1.2 H.0.9 0.0 H.1.5 (s) H.38.3 0.0 2012 308.5 48.8 0.4 0.0 0.0 0.0 0.5 0.0 H.4.2 1.3 H.1.1 (s) H.2.0 0.0 H.2.0 (s) H.383.0 2012 308.5 51.1 0.3 0.0 0.0 0.0 0.4 0.0 H.2.6 1.3 H.1.1 (s) H.2.4 (s) H.3.6 1.3 1.1 (s) H.3.6 1.1 H.3.6 H.3.5 H.3.6 1.2 H.3.6 1.3 H.1.7 H.3.6 H.3.5 H.3.6 1.2 H.3.6 1.3 H.3.7 H.3.6 H.3.	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 0.0 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 0.0 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 H398.6 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 2016 255.9 61.6 0.3 0.0 0.0 0.0 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 H4.4 1.1 H1.6 H7.5 H2.9 (s) H324.0 2018 264.4 63.2 0.4 0.0 0.0 0.0 0.4 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	R 0.9	0.0	R 0.1	-0.1	R 438.7	
2012 308.5 48.8 0.4 0.0 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 0.0 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 H398.6 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 2016 255.9 61.6 0.3 0.0 0.0 0.0 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 H4.4 1.1 H1.6 H7.5 H2.9 (s) H324.0 2018 264.4 63.2 0.4 0.0 0.0 0.0 0.4 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 H1.7 1.4 H1.1 (s) H1.8 -0.1 H397.9 2014 330.1 60.5 0.2 0.0 0.0 0.0 0.2 0.0 H2.2 1.5 H1.8 (s) H2.3 (s) H389.6 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 0.3 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 0.0 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 H4.4 1.1 H1.6 H7.5 H2.9 (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 268.4 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 268.4 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 268.4 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 258.2 270 0.4 0.0 0.0 0.4 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) R388.6 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) R389.9 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) R329.9 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 258.3 273.0 0.4 0.0 0.0 0.4 0.0 R3.2 0.8 R1.5 R7.6 R2.7 0.1 R343.9 2019 258.3 273.0 0.4 0.0 0.0 0.4 0.0 R3.2 0.8 R1.5 R7.6 R2.7 0.1 R343.9 2019 258.3 273.0 0.4 0.0 0.0 0.4 0.0 R3.2 0.8 R1.5 R7.6 R2.7 0.0 R344.0 0.0 R344.0 0.0 R344.0 R3.4 R3.4 R3.4 R3.4 R3.4 R3.4 R3.4 R3.4		308.5	48.8	0.4	0.0	0.0	0.4	0.0	R 2.6		R 1.1	(s)	R 2.4	(s)	R 365.1	
2015 314.9 58.5 0.2 0.0 0.0 0.2 0.0 42.6 1.2 41.5 40.1 42.1 0.1 381.2 2016 255.9 61.6 0.3 0.0 0.0 0.0 0.3 0.0 42.6 1.3 41.7 43.6 42.8 (s) 329.9 2017 263.7 42.3 0.4 0.0 0.0 0.4 0.0 44.4 1.1 41.6 47.5 42.9 (s) 4324.0 2018 264.4 63.2 0.4 0.0 0.0 0.0 0.4 0.0 43.2 0.8 41.5 47.6 42.7 0.1 343.9 2019 258.2 70.2 0.4 0.0 0.0 0.4 0.0 43.2 0.8 41.5 47.6 42.7 0.1 343.9 2019 258.2 70.2 0.4 0.0 0.0 0.4 0.0 4.0	2014	330.1	60.5	0.2	0.0	0.0	0.2	0.0	Roo	1.5	R 1 8	(s)	Rog	-U.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 0.0 R344.0 0.0 R3.2 0.8 R1.5 R7.6 R2.7 0.1 R343.9 0.0 R344.0 R3.2 R3.2 R3.2 R3.2 R3.2 R3.2 R3.2 R3.2	2015	314.9	58.5	0.2	0.0	0.0	0.2	0.0	R 2.6	1.2	H 1.5	Rnì₁	R 2.1	0.1	R 381.2	
2010 2582 702 04 00 00 04 00 H20 08 H11 H75 H28 00 H2440	2016	263.7	42.3	0.3		0.0		0.0	R 4 4		R 1.6	R 7.5	R 2.9	(s) (s)	H 324.0	
2010 2583 70.2 0 <i>A</i> 00 00 0 <i>A</i> 00 130 08 111 175 128 00 12 <i>A</i> 0	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	H 1.1 H 1.3	H 7.5 R 8 8	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.

fossil fuels from which they are mostly derived, but should be counted only once in the total.

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/

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

^{-- =} 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.