

**Table 5.14a Consumption of Fossil Fuels at All Electric Generating Facilities in Utah, 1990-2019**  
 (Includes Electric Utilities; Independent Power Producers; and Combined Heat and Power for Commercial, Industrial, and Electric Sectors)

Year	Coal <sup>1</sup>			Petroleum			Natural Gas			Other Gases <sup>2</sup>			Fossil Fuel Total	
	Thousand Short Tons	Trillion Btu	Percent of Total (Trillion Btu)	Thousand Barrels	Trillion Btu	Percent of Total (Trillion Btu)	Million Cubic Feet	Trillion Btu	Percent of Total (Trillion Btu)	Trillion Btu	Btu	Percent of Total (Trillion Btu)	Trillion	Btu
1990	13,564	312	98.9	88	0.5	0.2	1,629	2	0.5	1.4	0.4			316
1991	12,830	294	97.1	87	0.5	0.2	6,095	6	2.1	1.7	0.6			302
1992	13,861	316	97.0	62	0.4	0.1	6,991	7	2.3	1.8	0.6			326
1993	14,216	324	97.1	64	0.4	0.1	6,767	7	2.1	2.1	0.6			334
1994	14,663	332	96.3	59	0.3	0.1	9,390	10	2.8	2.7	0.8			345
1995	13,703	312	95.8	66	0.4	0.1	9,191	10	3.0	3.5	1.1			326
1996	13,971	318	97.5	93	0.5	0.2	4,348	4	1.4	3.2	1.0			326
1997	14,658	328	97.9	78	0.4	0.1	4,285	4	1.3	2.0	0.6			335
1998	15,095	337	97.3	67	0.4	0.1	6,396	7	1.9	2.2	0.6			346
1999	15,015	344	97.2	55	0.3	0.1	7,375	8	2.2	1.9	0.5			354
2000	15,172	348	95.8	101	0.6	0.2	11,178	12	3.2	3.1	0.8			363
2001	14,946	340	94.7	110	0.6	0.2	17,602	18	5.1	0	0			359
2002	15,650	352	95.6	96	0.6	0.2	15,573	16	4.2	0	0			369
2003	16,302	364	96.0	60	0.4	0.1	14,614	15	3.9	0	0			379
2004	16,981	375	97.4	59	0.3	0.1	9,680	10	2.5	0	0			385
2005 <sup>^</sup>	16,887	366	96.5	74	0.4	0.1	12,421	13	3.4	0	0			380
2006	17,056	376	92.3	125	0.7	0.2	29,101	31	7.5	0	0			407
2007	17,065	381	86.3	73	0.4	0.1	57,645	60	13.6	0	0			441
2008	17,408	387	86.6	78	0.4	0.1	56,444	59	13.3	0.2	0.1			447
2009	16,383	359	87.0	63	0.4	0.1	51,113	53	12.8	0.2	0.0			412
2010	15,694	350	87.1	81	0.5	0.1	49,414	51	12.8	0.2	0.1			402
2011	15,242	338	88.6	88	0.5	0.1	41,389	43	11.2	0.2	0.1			381
2012	14,304	313	84.3	71	0.4	0.1	55,880	58	15.6	0.0	0.0			372
2013	15,796	346	85.2	46	0.3	0.1	57,911	60	14.7	0.0	0.0			406
2014	15,312	336	83.6	43	0.2	0.1	63,889	66	16.4	0	0			402
2015	14,814	320	83.4	34	0.2	0.1	61,376	64	16.6	0.1	0.0			384
2016	12,092	258	79.0	55	0.3	0.1	65,310	67	20.7	0.6	0.2			326
2017	12,482	265	84.3	66	0.4	0.1	46,919	49	15.5	0.2	0.1			314
2018	12,332	264	79.2	64	0.4	0.1	66,844	69	20.7	0.1	0.0			334
2019	11,891	258	77.3	70	0.4	0.1	72,335	75	22.6	0.2	0.1			334

<sup>^</sup>EIA's 2005 coal consumption numbers are incorrect, 634,384 tons of sub-bituminous coal burned at IPP was double counted. The correct number is recorded above.

<sup>1</sup>Includes waste coal burned at Sunnyside Cogen

<sup>2</sup>Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels

Source: [EIA, Electric Power Annual - Historical state-level tables](#)

**Table 5.14b Consumption of Fossil Fuels at Electric Utilities in Utah, 1990-2019**

Year	Coal			Petroleum			Natural Gas			Fossil Fuel Total	
	Thousand Short Tons	Trillion Btu	Percent of Total (Trillion Btu)	Thousand Barrels	Trillion Btu	Percent of Total (Trillion Btu)	Million Cubic Feet	Trillion Btu	Percent of Total (Trillion Btu)	Trillion	Btu
1990	13,563	312	99.5	84	0.5	0.2	907	1	0.3		313
1991	12,829	294	98.0	82	0.5	0.2	5,190	5	1.8		300
1992	13,857	316	97.7	62	0.4	0.1	6,576	7	2.2		323
1993	13,995	319	97.9	55	0.3	0.1	6,305	7	2.0		326
1994	14,269	324	97.1	53	0.3	0.1	8,900	9	2.8		333
1995	13,325	304	97.0	61	0.4	0.1	8,707	9	2.9		313
1996	13,585	309	98.6	55	0.3	0.1	4,087	4	1.3		314
1997	14,252	319	98.6	52	0.3	0.1	4,079	4	1.3		324
1998	14,664	327	98.1	58	0.3	0.1	5,945	6	1.8		334
1999	14,590	334	97.9	52	0.3	0.1	6,478	7	2.0		341
2000	14,688	337	96.7	99	0.6	0.2	10,544	11	3.2		348
2001	14,403	328	95.2	109	0.6	0.2	15,141	16	4.6		344
2002	15,149	341	95.8	95	0.6	0.2	14,363	14	4.1		356
2003	15,788	352	96.1	57	0.3	0.1	13,995	14	3.8		366
2004	16,097	355	97.3	59	0.3	0.1	9,414	9	2.6		365
2005 <sup>^</sup>	15,996	347	97.0	73	0.4	0.1	10,048	10	2.9		358
2006	16,142	356	92.9	53	0.3	0.1	25,702	27	7.0		383
2007	16,175	361	87.1	73	0.4	0.1	50,937	53	12.8		414
2008	16,516	367	87.1	78	0.4	0.1	51,271	54	12.8		421
2009	15,508	340	88.1	63	0.4	0.1	43,891	45	11.8		386
2010	14,865	331	88.0	81	0.5	0.1	43,000	45	11.9		377
2011	14,582	323	89.7	88	0.5	0.1	35,377	37	10.1		360
2012	13,639	299	87.7	67	0.4	0.1	39,975	41	12.1		341
2013	15,099	331	88.5	44	0.2	0.1	41,294	43	11.4		374
2014	14,611	320	85.1	40	0.2	0.1	54,313	56	14.8		376
2015	14,140	305	84.3	32	0.2	0.1	54,843	57	15.7		362
2016	11,604	247	80.4	51	0.3	0.1	58,000	60	19.5		308
2017	12,026	255	85.8	63	0.4	0.1	40,275	42	14.0		297
2018	11,927	256	80.2	62	0.4	0.1	60,620	63	19.7		319
2019	11,489	250	78.2	67	0.4	0.1	66,472	69	21.7		319

<sup>^</sup>EIA's 2005 coal consumption numbers are incorrect, 634,384 tons of sub-bituminous coal burned at IPP was double counted. The correct number is recorded above.

Source: [EIA, Electric Power Annual - Historical state-level tables](#)

Table 5.14c Consumption of Fossil Fuels at Independent Power Producers in Utah, 1990-2019

Year	Coal <sup>1</sup>			Petroleum		Percent of Total (Trillion Btu)	Natural Gas		Percent of Total (Trillion Btu)	Fossil Fuel Total	
	Thousand Short Tons	Trillion Btu	(Trillion Btu)	Thousand Barrels	Trillion Btu		Million Cubic Feet	Trillion Btu		Trillion	Btu
1990	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0
1993	215	5	99.1	7.7	0.05	0.9	0	0	0	0	4.9
1994	387	9	99.7	4.0	0.02	0.3	0	0	0	0	8.8
1995	369	8	99.7	5.0	0.03	0.3	0	0	0	0	8.4
1996	378	9	99.7	3.9	0.02	0.3	0	0	0	0	8.6
1997	402	9	99.7	5.3	0.03	0.3	0	0	0	0	9.0
1998	430	10	99.5	8.6	0.05	0.5	0	0	0	0	9.6
1999	421	10	99.8	3.3	0.02	0.2	0	0	0	0	9.7
2000	476	11	99.9	1.8	0.01	0.1	0	0	0	0	10.9
2001	502	11	100.0	0	0	0	0	0	0	0	11.4
2002	495	11	91.2	0	0	0	1,075	1.1	8.8	0	12.2
2003	515	11	95.7	3.2	0.02	0.2	490	0.5	4.1	0	12.0
2004	509	11	99.9	0	0	0	9	0.0	0.1	0	11.2
2005	488	11	82.2	1.4	0.01	0.1	2,191	2.3	17.8	0	12.9
2006	467	10	72.9	72.1	0.42	3.0	3,251	3.4	24.1	0	14.1
2007	418	9	61.9	0.7	0.00	0.0	5,501	5.7	38.0	0	15.1
2008	410	9	67.9	0	0	0	4,103	4.3	32.1	0	13.4
2009	417	9	59.2	0	0	0	6,094	6.3	40.8	0	15.5
2010	368	8	59.4	0	0	0	5,399	5.6	40.6	0	13.8
2011	422	9	65.6	0.0	0.00	0.0	4,761	4.9	34.4	0	14.3
2012	445	10	56.8	1.5	0.01	0.1	7,163	7.4	43.2	0	17.2
2013	430	9	52.5	1.5	0.01	0.0	8,267	8.5	47.5	0	18.0
2014	452	10	68.3	1.0	0.01	0.0	4,466	4.6	31.7	0	14.5
2015	440	10	85.2	1.2	0.01	0.1	1,587	1.6	14.7	0	11.2
2016	397	8	82.9	3.2	0.02	0.2	1,678	1.7	17.0	0	10.2
2017	412	9	93.8	2.3	0.01	0.1	549	0.6	6.1	0	9.3
2018	405	9	93.8	2.3	0.01	0.1	541	0.6	6.0	0	9.3
2019	402	9	90.0	3.2	0.02	0.2	914	1.0	9.8	0	9.7

<sup>1</sup>Waste coal burned at Sunnyside Cogen - averages 11.58 Btu/short ton

Source: [EIA, Electric Power Annual - Historical state-level tables](#)

Table 5.14d Consumption of Fossil Fuels at Combined Heat and Power: Electric Utilities in Utah, 1990-2019

Year	Petroleum			Natural Gas		Percent of Total (Trillion Btu)	Fossil Fuel Total	
	Thousand Barrels	Trillion Btu	(Trillion Btu)	Thousand Barrels	Trillion Btu		Trillion	Btu
1990	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0
2000	0.1	0.0	100.0	0	0	0	0	0.0
2001	0.8	0.0	100.0	0	0	0	0	0.0
2002	0.2	0.0	100.0	0	0	0	0	0.0
2003	0.2	0.0	100.0	0	0	0	0	0.0
2004	0.0	0.0	100.0	0	0	0	0	0.0
2005	0	0	0	0	0	0	0	0
2006	0.0	0.0	100.0	0	0	0	0	0.0
2007	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0
2013	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
2014	0	0	0	0.0	0.0	100.0	0.0	0.0
2015	0	0	0	0.7	0.0	100.0	0.0	0.0
2016	0	0	0	0.3	0.0	100.0	0.0	0.0
2017	0	0	0	0.2	0.0	100.0	0.0	0.0
2018	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0

Source: [EIA, Electric Power Annual - Historical state-level tables](#)

Table 5.14e Consumption of Fossil Fuels at Combined Heat and Power: Commercial Power in Utah, 1990-2019

Year	Petroleum			Natural Gas			Other Gases <sup>1</sup>		Fossil Fuel Total	
	Thousand Barrels	Trillion Btu	Percent of Total (Trillion Btu)	Million	Cubic Feet	Trillion Btu	Percent of Total (Trillion Btu)	Trillion Btu	Percent of Total (Trillion Btu)	Trillion Btu
1990	0.1	0.0	0.3	246.4	0.3	99.7	0	0	0.3	
1991	0.1	0.0	0.3	246.4	0.3	99.7	0	0	0.3	
1992	0.1	0.0	0.3	246.4	0.3	99.7	0	0	0.3	
1993	1.5	0.0	3.7	218.4	0.2	96.3	0	0	0.2	
1994	1.6	0.0	3.7	224.9	0.2	96.3	0	0	0.2	
1995	0.0	0.0	0.1	207.1	0.2	99.9	0	0	0.2	
1996	0.3	0.0	1.2	151.5	0.2	98.8	0	0	0.2	
1997	0.1	0.0	0.4	143.3	0.1	86.6	0.02	13.0	0.2	
1998	0.1	0.0	0.4	110.5	0.1	68.5	0.05	31.1	0.2	
1999	0.1	0.0	0.3	216.9	0.2	99.7	0	0	0.2	
2000	0.1	0.0	0.3	214.0	0.2	99.7	0	0	0.2	
2001	0	0	0	164.5	0.2	100.0	0	0	0.2	
2002	0	0	0	134.2	0.1	100.0	0	0	0.1	
2003	0	0	0	130.0	0.1	100.0	0	0	0.1	
2004	0	0	0	108.9	0.1	100.0	0	0	0.1	
2005	0	0	0	96.9	0.1	100.0	0	0	0.1	
2006	0	0	0	94.9	0.1	100.0	0	0	0.1	
2007	0	0	0	95.3	0.1	100.0	0	0	0.1	
2008	0	0	0	29.9	0.0	100.0	0	0	0.0	
2009	0	0	0	14.3	0.0	100.0	0	0	0.0	
2010	0	0	0	1.1	0.0	100.0	0	0	0.0	
2011	0	0	0	0.1	0.0	100.0	0	0	0.0	
2012	0	0	0	475.6	0.5	100.0	0	0	0.5	
2013	0	0	0	915.7	0.9	100.0	0	0	0.9	
2014	0	0	0	934.6	1.0	100.0	0	0	1.0	
2015	0	0	0	877.1	0.9	100.0	0	0	0.9	
2016	0	0	0	603.1	0.6	100.0	0	0	0.6	
2017	0.3	0.0	0.0	602.2	0.6	99.8	0	0	0.6	
2018	0	0	0	619.4	0.6	100.0	0	0	0.6	
2019	0	0	0	658.2	0.7	100.0	0	0	0.7	

<sup>1</sup>Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels

Source: [EIA, Electric Power Annual - Historical state-level tables](#)

Table 5.14f Consumption of Fossil Fuels at Combined Heat and Power: Industrial Power in Utah, 1990-2019

Year	Coal			Petroleum			Natural Gas			Other Gases <sup>1</sup>		Fossil Fuel Total	
	Thousand Short Tons	Trillion Btu	Percent of Total (Trillion Btu)	Thousand Barrels	Trillion Btu	Percent of Total (Trillion Btu)	Million	Cubic Feet	Trillion Btu	Percent of Total (Trillion Btu)	Trillion Btu	Percent of Total (Trillion Btu)	Trillion Btu
1990	1.1	0.0	1.2	3.8	0.0	1.1	475.9	0.5	25.0	1.4	72.6	2.0	
1991	1.2	0.0	1.1	5.0	0.0	1.2	658.4	0.7	28.7	1.7	69.0	2.4	
1992	3.1	0.1	3.4	0	0	0	168.1	0.2	8.5	1.8	88.1	2.1	
1993	6.6	0.1	5.9	0	0	0	243.5	0.3	10.1	2.1	83.9	2.5	
1994	6.8	0.2	4.9	0	0	0	264.6	0.3	8.7	2.7	86.4	3.2	
1995	10.1	0.2	5.7	0	0	0	276.2	0.3	7.1	3.5	87.2	4.1	
1996	8.0	0.2	4.9	34.1	0.2	5.3	110.4	0.1	3.0	3.2	86.8	3.7	
1997	4.1	0.1	4.0	19.6	0.1	5.0	63.4	0.1	2.8	2.0	88.2	2.3	
1998	1.5	0.0	1.3	0	0	0	340.5	0.4	14.1	2.1	84.6	2.5	
1999	3.9	0.1	3.3	0	0	0	680.2	0.7	26.2	1.9	70.4	2.7	
2000	7.7	0.2	4.8	0	0	0	419.1	0.4	11.9	3.1	83.3	3.7	
2001	40.1	0.9	27.5	0	0	0	2,296.8	2.4	72.5	0	0	3.3	
2002	6.9	0.2	100.0	0	0	0	0	0	0	0	0	0.2	
2003	0	0	0.0	0	0	0	0	0	0	0	0	0	
2004	374.6	8.3	98.2	0	0	0	148.1	0.1	1.8	0	0	8.4	
2005	403.5	8.8	99.0	0	0	0	85.7	0.1	1.0	0	0	8.8	
2006	446.3	9.8	99.4	0	0	0	53.2	0.1	0.6	0	0	9.9	
2007	472.3	10.5	90.1	0	0	0	1,111.6	1.2	9.9	0	0	11.7	
2008	481.1	10.7	89.0	0	0	0	1,040.0	1.1	9.1	0.2	1.9	12.0	
2009	457.7	10.0	88.2	0	0	0	1,114.6	1.2	10.2	0.2	1.6	11.4	
2010	460.3	10.3	88.8	0	0	0	1,014.4	1.1	9.1	0.2	2.1	11.6	
2011	236.6	5.2	77.7	0	0	0	1,250.4	1.3	19.1	0.2	3.2	6.7	
2012	220.1	4.8	36.0	1.6	0.0	0.1	8,266.2	8.6	63.8	0.0	0.2	13.4	
2013	267.8	5.9	43.3	0.4	0.0	0.0	7,434.5	7.7	56.6	0.0	0.1	13.6	
2014	249.9	5.5	56.0	1.0	0.0	0.1	4,175.3	4.3	43.9	0	0	9.8	
2015	234.1	5.1	54.2	0.8	0.0	0.0	4,068.6	4.2	45.2	0.1	0.6	9.3	
2016	91.3	1.9	25.1	0	0	0	5,028.8	5.2	66.9	0.6	8.1	7.8	
2017	44.2	0.9	13.7	0	0	0	5,493.4	5.7	83.6	0.2	2.7	6.8	
2018	0	0	0	0	0	0	5,063.2	5.2	98.6	0.1	1.4	5.3	
2019	0	0	0	0	0	0	4,290.8	4.5	95.8	0.2	4.2	4.7	

<sup>1</sup>Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels

Source: [EIA, Electric Power Annual - Historical state-level tables](#)