Table 5.12a **Net Generation of Electricity in Utah at Electric Utilities by Energy Source, 1990-2022**
Gigawatthours

Year	Coal	Petroleum	Natural Gas	Hydroelectric	Geothermal[1]	Other	Total
1990	31,519	49	54	486	152	0	32,260
1991	28,884	48	436	604	186	0	30,158
1992	31,543	34	578	580	186	0	32,921
1993	31,919	32	543	818	148	0	33,461
1994	32,764	30	750	716	195	0	34,455
1995	30,260	34	741	926	140	0	32,101
1996	30,693	31	293	1,019	192	0	32,229
1997	32,144	29	297	1,331	169	0	33,969
1998	33,207	31	463	1,299	160	0	35,160
1999	34,125	29	515	1,247	156	0	36,071
2000	34,046	57	831	738	152	0	35,823
2001	33,204	58	1,224	500	153	0	35,139
2002	34,081	53	1,268	452	218	0	36,072
2003	35,579	31	1,323	413	198	0	37,545
2004	35,634	33	864	440	195	0	37,166
2005	34,825	40	875	771	185	0	36,695
2006	35,668	30	2,965	738	191	0	39,591
2007	35,910	39	6,674	533	164	0	43,320
2008	36,762	44	6,705	659	254	0	44,424
2009	34,284	36	5,566	827	279	0	40,992
2010	32,840	50	5,671	686	274	0	39,522
2011	32,277	54	4,566	1,217	278	0	38,393
2012	29,976	39	5,363	740	269	0	36,386
2013	33,382	25	5,373	495	251	0	39,527
2014	32,510	23	7,307	626	275	0	40,741
2015	30,815	19	7,527	760	260	0	39,381
2016	25,103	30	8,031	749	257	36	34,206
2017	25,759	37	5,233	1,283	249	53	32,614
2018	25,501	35	8,170	919	223	53	34,901
2019	24,842	38	8,863	863	115	49	34,770
2020	22,486	37	8,967	807	176	53	32,526
2021	25,976	37	10,225	450	211	32	36,931
2022	21,987	30	10,671	556	262	48	33,554

[1]EIA only records data from the Blundell Geothermal Plant and not the Cove Fort Plant. Cove Fort's generation data have been added to the overall geothermal total for 1992 to 2002 (data obtained from company interviews).

Source: EIA, Electric Power Annual - Historical state-level tables

Table 5.12b **Net Generation of Electricity in Utah at Independent Power Producers by Energy Source, 1990-2022**
Gigawatthours

Year	Coal	Petroleum	Natural Gas	Hydroelectric	Solar	Wind	Geothermal	Landfill Gas	Other Biomass Gases	Total
1990	0	0	0	23	0	0	0	0	0	23
1991	0	0	0	23	0	0	0	0	0	23
1992	0	0	0	23	0	0	0	0	0	23
1993	184	3	0	42	0	0	0	0	0	229
1994	348	2	0	34	0	0	0	0	0	384
1995	332	2	0	42	0	0	0	0	0	377
1996	392	2	0	30	0	0	0	0	0	424
1997	386	2	0	14	0	0	0	0	0	402
1998	376	4	0	16	0	0	0	0	0	395
1999	399	2	0	8	0	0	0	0	0	409
2000	430	1	0	8	0	0	0	0	0	440
2001	387	0	0	8	0	0	0	0	0	396
2002	391	0	88	6	0	0	0	0	0	485
2003	399	1	38	8	0	0	0	0	0	447
2004	395	0	1	10	0	0	0	0	0	406
2005	416	1	276	14	0	0	0	0	0	706
2006	386	32	401	9	0	0	0	0	0	829
2007	404	0	686	6	0	0	0	0	0	1,096
2008	414	0	504	9	0	24	0	25	0	976
2009	411	0	704	8	0	160	0	42	0	1,325
2010	378	0	629	9	0	448	3	51	0	1,517
2011	419	0	518	13	0	573	52	53	0	1,628
2012	418	1	695	8	2	704	66	54	1	1,948
2013	413	1	744	10	2	540	68	56	9	1,843
2014	419	1	526	7	2	660	247	60	9	1,930
2015	418	1	176	9	32	626	170	57	10	1,498
2016	399	2	179	10	1,054	822	228	61	2	2,757
2017	413	1	77	11	2,211	858	232	61	6	3,871
2018	412	1	75	8	2,224	795	223	64	1	3,803
2019	400	2	72	12	2,186	819	195	62	0	3,748
2020	320	2	38	10	2,571	803	201	65	0	4,010
2021	399	2	0	9	3,479	825	208	66	0	4,989
2022	404	1	0	8	3,845	723	201	0	63	5,246

Source: EIA, Electric Power Annual - Historical state-level tables

Table 5.12c **Net Generation of Electricity in Utah at Electric Combined Heat and Power Plants by Energy Source, 1990-2022**
Gigawatthours

Year	Natural Gas	Petroleum	Biogenic MSW[1]	Nonbiogenic MSW[1]	Total
1990	0	0	0	0	0
1991	0	0	0	0	0
1992	0	0	0	0	0
1993	0	0	0	0	0
1994	0	0	0	0	0
1995	0	0	0	0	0
1996	0	0	0	0	0
1997	0	0	0	0	0
1998	0	0	0	0	0
1999	0	0	8.2	0	8.2
2000	0	0.023	9.1	0	9.1
2001	0	0.038	5.5	4.1	9.7
2002	0	0.050	6.3	4.9	11.2
2003	0	0.057	5.1	4.2	9.3
2004	0	0.034	3.8	3.1	7.0
2005	0	0	3.9	3.1	7.1
2006	0	0.038	6.2	4.8	11.0
2007	0	0	6.0	4.7	10.6
2008	0	0	-1.2	-0.9	-2.1
2009	0	0	5.6	4.4	10.0
2010	0	0	5.3	4.2	9.5
2011	0	0	4.8	4.6	9.4
2012	0	0	4.8	4.6	9.4
2013	0.008	0.019	4.9	4.7	9.7
2014	0.007	0	3.7	3.6	7.3
2015	0.141	0	3.7	3.6	7.5
2016	0.052	0	5.0	4.8	9.8
2017	0.012	0	0.4	0.4	0.8
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	55	0	0	0	55.2
2021	115.2	0	0	0	115.2
2022	113.4	0	0	0	113.4

[1]Municipal Solid Waste

Source: EIA, Electric Power Annual - Historical state-level tables

Table 5.12d **Net Generation of Electricity in Utah at Commercial Combined Heat and Power Plants by Energy Source, 1990-2022**
Gigawatthours

Year	Petroleum	Natural Gas	Other Gases[1]	Landfill Gas	Total
1990	0.1	30	0	0	30
1991	0.1	30	0	0	30
1992	0.1	30	0	0	30
1993	1.3	28	0	0	29
1994	1.3	28	0	0	29
1995	0.03	28	0	0	28
1996	0.3	22	0	0	22
1997	0.1	21	3.1	0	24
1998	0.1	18	7.2	0	26
1999	0.1	26	0	0	26
2000	0.1	24	0	0	25
2001	0	21	0	0	21
2002	0	24	0	0	24
2003	0	22	0	0	22
2004	0	21	0	0	21
2005	0	20	0	0	20
2006	0	20	0	9	28
2007	0	20	0	25	45
2008	0	5.8	0	0	5.8
2009	0	2.8	0	0	2.8
2010	0	0.2	0	0	0.2
2011	0	0.02	0	0	0.02
2012	0	38	0	0	38
2013	0	84	0	0	84
2014	0	83	0	0	83
2015	0	78	0	15	93
2016	0	74	0	16	90
2017	0.1	73	0	10	84
2018	0	65	0	14	79
2019	0	71	0	9	80
2020	0	72	0	13	85
2021	0	65	0	14	79
2022	0	79	0	11	89

[1]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 5.12e **Net Generation of Electricity in Utah at Industrial Combined Heat and Power Plants by Energy Source, 1990-2022**

Gigawatthours

Year	Coal	Petroleum	Natural Gas	Other Gases[1]	Nonbiogenic MSW	Total
1990	3	3	62	182	0	250
1991	4	4	83	204	0	294
1992	10	0	23	230	0	263
1993	22	0	36	281	0	339
1994	18	0	30	281	0	328
1995	19	0	22	261	0	302
1996	15	15	9	239	0	277
1997	14	16	9	278	0	317
1998	5	0	47	278	0	329
1999	10	0	69	191	0	270
2000	15	0	35	258	0	308
2001	88	0	201	0	0	289
2002	16	0	0	0	0	16
2003	0	0	0	0	0	0
2004	588	0	24	0	0	612
2005	730	0	7	0	0	737
2006	802	0	3	0	0	805
2007	856	0	45	0	0	901
2008	844	0	151	36	144	1,175
2009	831	0	172	28	183	1,213
2010	840	0	155	36	169	1,201
2011	441	0	172	33	160	806
2012	405	0.4	484	4	128	1,022
2013	489	0.1	406	2	156	1,053
2014	447	0.5	460	0	114	1,023
2015	424	0.4	436	8	102	970
2016	437	0	408	54	172	1,072
2017	217	0	488	16	122	843
2018	0	0	414	7	172	592
2019	0	0	363	17	140	520
2020	0	0	327	7	76	411
2021	0	0	282	5	130	417
2022	0	0	244	3	97	344

[1]Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels

Source: EIA, Electric Power Annual - Historical state-level tables