

Table 5.11a Net Generation of Electricity in Utah by Energy Source, 1960-2020

(Includes Electric Utilities; Independent Power Producers; and Combined Heat and Power for Commercial, Industrial and Electric Sectors. See Table 5.12 for breakout by sector)

Gigawatthours

Year	Coal	Petroleum	Natural Gas	Other Gases ¹	Hydroelectric	Geothermal ²	Wind	Solar	Biogenic MSW ³	Landfill Gas	Other Biomass Gases	Nonbiogenic MSW	Total Renew.	Total Fossil Fuel	Total	% Renew.	% Fossil Fuel
1960	1,130	1,314	290	na	304	0	0	0	0	0	0	0	304	2,734	3,038	10.0%	90.0%
1961	1,210	1,236	374	na	231	0	0	0	0	0	0	0	231	2,820	3,051	7.6%	92.4%
1962	998	934	433	na	391	0	0	0	0	0	0	0	391	2,365	2,756	14.2%	85.8%
1963	923	876	413	na	350	0	0	0	0	0	0	0	350	2,212	2,562	13.7%	86.3%
1964	855	824	324	na	762	0	0	0	0	0	0	0	762	2,003	2,765	27.6%	72.4%
1965	779	866	392	na	910	0	0	0	0	0	0	0	910	2,037	2,947	30.9%	69.1%
1966	1,001	765	700	na	788	0	0	0	0	0	0	0	788	2,466	3,254	24.2%	75.8%
1967	909	748	611	na	1,071	0	0	0	0	0	0	0	1,071	2,268	3,339	32.1%	67.9%
1968	931	758	444	na	1,014	0	0	0	0	0	0	0	1,014	2,133	3,147	32.2%	67.8%
1969	806	872	287	na	1,114	0	0	0	0	0	0	0	1,114	1,965	3,079	36.2%	63.8%
1970	948	956	307	na	738	0	0	0	0	0	0	0	738	2,211	2,949	25.0%	75.0%
1971	894	905	287	na	981	0	0	0	0	0	0	0	981	2,086	3,067	32.0%	68.0%
1972	1,165	657	320	na	1,220	0	0	0	0	0	0	0	1,220	2,142	3,362	36.3%	63.7%
1973	2,007	146	342	na	1,111	0	0	0	0	0	0	0	1,111	2,495	3,606	30.8%	69.2%
1974	2,678	69	312	na	941	0	0	0	0	0	0	0	941	3,059	4,000	23.5%	76.5%
1975	4,366	82	283	na	1,074	0	0	0	0	0	0	0	1,074	4,731	5,805	18.5%	81.5%
1976	2,739	32	183	na	1,130	0	0	0	0	0	0	0	1,130	2,954	4,084	27.7%	72.3%
1977	5,533	116	421	na	757	0	0	0	0	0	0	0	757	6,070	6,827	11.1%	88.9%
1978	7,238	90	565	na	734	0	0	0	0	0	0	0	734	7,893	8,627	8.5%	91.5%
1979	9,408	122	458	na	802	0	0	0	0	0	0	0	802	9,988	10,790	7.4%	92.6%
1980	10,870	63	358	na	821	0	0	0	0	0	0	0	821	11,291	12,112	6.8%	93.2%
1981	10,869	40	230	na	623	0	0	0	0	0	0	0	623	11,139	11,762	5.3%	94.7%
1982	10,635	29	203	na	1,024	0	0	0	0	0	0	0	1,024	10,867	11,891	8.6%	91.4%
1983	10,921	40	69	na	1,394	0	0	0	0	0	0	0	1,394	11,030	12,424	11.2%	88.8%
1984	12,321	30	8	na	1,391	38	0	0	0	0	0	0	1,429	12,359	13,788	10.4%	89.6%
1985	14,229	40	14	na	1,019	110	0	0	0	0	0	0	1,129	14,283	15,412	7.3%	92.7%
1986	15,155	74	6	na	1,413	172	0	0	0	0	0	0	1,584	15,235	16,819	9.4%	90.6%
1987	25,221	92	13	na	856	164	0	0	0	0	0	0	1,020	25,326	26,346	3.9%	96.1%
1988	28,806	59	5	na	593	174	0	0	0	0	0	0	767	28,870	29,637	2.6%	97.4%
1989	29,676	48	37	na	562	173	0	0	0	0	0	0	735	29,761	30,496	2.4%	97.6%
1990	31,523	52	146	182	508	152	0	0	0	0	0	0	660	31,903	32,564	2.0%	98.0%
1991	28,888	51	550	204	627	186	0	0	0	0	0	0	813	29,693	30,506	2.7%	97.3%
1992	31,553	34	631	230	602	233	0	0	0	0	0	0	836	32,448	33,284	2.5%	97.5%
1993	32,126	37	606	281	860	187	0	0	0	0	0	0	1,047	33,050	34,097	3.1%	96.9%
1994	33,131	33	807	281	750	233	0	0	0	0	0	0	983	34,252	35,235	2.8%	97.2%
1995	30,611	36	791	261	969	168	0	0	0	0	0	0	1,137	31,699	32,836	3.5%	96.5%
1996	31,101	47	324	239	1,049	223	0	0	0	0	0	0	1,272	31,711	32,983	3.9%	96.1%
1997	32,544	47	328	281	1,344	203	0	0	0	0	0	0	1,547	33,200	34,747	4.5%	95.5%
1998	33,588	35	528	285	1,315	195	0	0	0	0	0	0	1,509	34,436	35,945	4.2%	95.8%
1999	34,534	31	610	191	1,255	186	0	0	8	0	0	0	1,449	35,366	36,815	3.9%	96.1%
2000	34,491	58	890	258	746	186	0	0	9	0	0	0	942	35,697	36,639	2.6%	97.4%
2001	33,679	58	1,446	0	508	186	0	0	5	0	0	4	700	35,187	35,887	2.0%	98.0%
2002	34,488	54	1,380	0	458	247	0	0	6	0	0	5	711	35,926	36,638	1.9%	98.1%
2003	35,979	33	1,383	0	421	198	0	0	5	0	0	4	625	37,399	38,024	1.6%	98.4%
2004	36,618	33	910	0	450	195	0	0	4	0	0	3	649	37,563	38,212	1.7%	98.3%
2005	35,970	41	1,178	0	784	185	0	0	4	0	0	3	973	37,192	38,165	2.6%	97.4%
2006	36,856	62	3,389	0	747	191	0	0	6	9	0	5	952	40,311	41,263	2.3%	97.7%
2007	37,171	39	7,424	0	539	164	0	0	6	25	0	5	734	44,639	45,373	1.6%	98.4%
2008	38,020	44	7,366	36	668	254	24	0	-1	25	0	143	970	45,609	46,579	2.1%	97.9%
2009	35,526	36	6,444	28	835	279	160	0	6	42	0	187	1,322	42,221	43,543	3.0%	97.0%
2010	34,057	50	6,455	36	696	277	448	0	5	51	0	174	1,476	40,773	42,249	3.5%	96.5%
2011	33,138	54	5,256	33	1,230	330	573	0	5	53	0	165	2,191	38,645	40,836	5.4%	94.6%
2012	30,799	40	6,580	4	748	335	704	2	5	54	1	133	1,848	37,555	39,403	4.7%	95.3%
2013	34,285	26	6,606	2	505	319	540	2	5	56	9	161	1,437	41,080	42,517	3.4%	96.6%
2014	33,377	24	8,376	0	633	522	660	2	4	60	9	118	1,889	41,895	43,785	4.3%	95.7%
2015	31,656	20	8,218	8	769	430	626	32	4	71	10	106	1,941	40,008	41,949	4.6%	95.4%
2016	25,939	32	8,691	54	760	485	822	1,054	5	77	2	213	3,205	34,929	38,134	8.4%	91.6%
2017	26,390	38	5,871	16	1,294	481	858	2,211	0	71	6	175	4,922	32,490	37,412	13.2%	86.8%
2018	25,912	37	8,724	7	927	446	795	2,224	0	78	1	225	4,471	34,905	39,375	11.4%	88.6%
2019	25,241	40	9,369	17	875	310	819	2,186	0	70	0	189	4,261	34,856	39,117	10.9%	89.1%
2020*	22,806	39	9,425	7	977	354	788	2,379	0	77	1	127	4,576	32,405	36,981	12.4%	87.6%

*Preliminary

¹Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels²EIA 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).³Municipal Solid WasteSource: [EIA, Electric Power Annual - Historical state-level tables](#)

Figure 5.2 - Net Generation of Electricity in Utah by Energy Sources, 1960-2020

