

Table 1.5 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)
 Gigawatthours

Year	Fossil Fuels				Total Fossil Fuel	Renewable Energy							Total Renewable	Nonbiogenic MSW	Total Net Generation	Percent Coal	Percent Petroleum	Percent Nat. Gas	Percent Fossil Fuel	Percent Renewable
	Coal	Petroleum	Natural Gas	Other Gases ¹		Hydro-electric	Geo-thermal	Landfill Gas	Biogenic MSW ²	Other Biomass Gases	Solar	Wind								
1960	1,130	1,314	290	na	2,734	304	0	0	0	0	0	0	304	0	3,038	37.2%	43.2%	9.5%	90.0%	10.0%
1961	1,210	1,236	374	na	2,820	231	0	0	0	0	0	0	231	0	3,051	39.7%	40.5%	12.3%	92.4%	7.6%
1962	998	934	433	na	2,365	391	0	0	0	0	0	0	391	0	2,756	36.2%	33.9%	15.7%	85.8%	14.2%
1963	923	876	413	na	2,212	350	0	0	0	0	0	0	350	0	2,562	36.0%	34.2%	16.1%	86.3%	13.7%
1964	855	824	324	na	2,003	762	0	0	0	0	0	0	762	0	2,765	30.9%	29.8%	11.7%	72.4%	27.6%
1965	779	866	392	na	2,037	910	0	0	0	0	0	0	910	0	2,947	26.4%	29.4%	13.3%	69.1%	30.9%
1966	1,001	765	700	na	2,466	788	0	0	0	0	0	0	788	0	3,254	30.8%	23.5%	21.5%	75.8%	24.2%
1967	909	748	611	na	2,268	1,071	0	0	0	0	0	0	1,071	0	3,339	27.2%	22.4%	18.3%	67.9%	32.1%
1968	931	758	444	na	2,133	1,014	0	0	0	0	0	0	1,014	0	3,147	29.6%	24.1%	14.1%	67.8%	32.2%
1969	806	872	287	na	1,965	1,114	0	0	0	0	0	0	1,114	0	3,079	26.2%	28.3%	9.3%	63.8%	36.2%
1970	948	956	307	na	2,211	738	0	0	0	0	0	0	738	0	2,949	32.1%	32.4%	10.4%	75.0%	25.0%
1971	894	905	287	na	2,086	981	0	0	0	0	0	0	981	0	3,067	29.1%	29.5%	9.4%	68.0%	32.0%
1972	1,165	657	320	na	2,142	1,220	0	0	0	0	0	0	1,220	0	3,362	34.7%	19.5%	9.5%	63.7%	36.3%
1973	2,007	146	342	na	2,495	1,111	0	0	0	0	0	0	1,111	0	3,606	55.7%	4.0%	9.5%	69.2%	30.8%
1974	2,678	69	312	na	3,059	941	0	0	0	0	0	0	941	0	4,000	66.9%	1.7%	7.8%	76.5%	23.5%
1975	4,366	82	283	na	4,731	1,074	0	0	0	0	0	0	1,074	0	5,805	75.2%	1.4%	4.9%	81.5%	18.5%
1976	2,739	32	183	na	2,954	1,130	0	0	0	0	0	0	1,130	0	4,084	67.1%	0.8%	4.5%	72.3%	27.7%
1977	5,533	116	421	na	6,070	757	0	0	0	0	0	0	757	0	6,827	81.0%	1.7%	6.2%	88.9%	11.1%
1978	7,238	90	565	na	7,893	734	0	0	0	0	0	0	734	0	8,627	83.9%	1.0%	6.5%	91.5%	8.5%
1979	9,408	122	458	na	9,988	802	0	0	0	0	0	0	802	0	10,790	87.2%	1.1%	4.2%	92.6%	7.4%
1980	10,870	63	358	na	11,291	821	0	0	0	0	0	0	821	0	12,112	89.7%	0.5%	3.0%	93.2%	6.8%
1981	10,869	40	230	na	11,139	623	0	0	0	0	0	0	623	0	11,762	92.4%	0.3%	2.0%	94.7%	5.3%
1982	10,635	29	203	na	10,867	1,024	0	0	0	0	0	0	1,024	0	11,891	89.4%	0.2%	1.7%	91.4%	8.6%
1983	10,921	40	69	na	11,030	1,394	0	0	0	0	0	0	1,394	0	12,424	87.9%	0.3%	0.6%	88.8%	11.2%
1984	12,321	30	8	na	12,359	1,391	38	0	0	0	0	0	1,429	0	13,788	89.4%	0.2%	0.1%	89.6%	10.4%
1985	14,229	40	14	na	14,283	1,019	110	0	0	0	0	0	1,129	0	15,412	92.3%	0.3%	0.1%	92.7%	7.3%
1986	15,155	74	6	na	15,235	1,413	172	0	0	0	0	0	1,584	0	16,819	90.1%	0.4%	0.0%	90.6%	9.4%
1987	25,221	92	13	na	25,326	856	164	0	0	0	0	0	1,020	0	26,346	95.7%	0.3%	0.0%	96.1%	3.9%
1988	28,806	59	5	na	28,870	593	174	0	0	0	0	0	767	0	29,637	97.2%	0.2%	0.0%	97.4%	2.6%
1989	29,676	48	37	na	29,761	562	173	0	0	0	0	0	735	0	30,496	97.3%	0.2%	0.1%	97.6%	2.4%
1990	31,523	52	146	182	31,903	508	152	0	0	0	0	0	660	0	32,564	96.8%	0.2%	0.4%	98.0%	2.0%
1991	28,888	51	550	204	29,693	627	186	0	0	0	0	0	813	0	30,506	94.7%	0.2%	1.4%	97.3%	2.7%
1992	31,553	34	631	230	32,448	602	233	0	0	0	0	0	836	0	33,284	94.8%	0.1%	1.9%	97.5%	2.5%
1993	32,126	37	606	281	33,050	860	187	0	0	0	0	0	1,047	0	34,097	94.2%	0.1%	1.8%	96.9%	3.1%
1994	33,131	33	807	281	34,252	750	233	0	0	0	0	0	983	0	35,235	94.0%	0.1%	2.3%	97.2%	2.8%
1995	30,611	36	791	261	31,699	969	168	0	0	0	0	0	1,137	0	32,836	93.2%	0.1%	2.4%	96.5%	3.5%
1996	31,101	47	324	239	31,711	1,049	223	0	0	0	0	0	1,272	0	32,983	94.3%	0.1%	1.0%	96.1%	3.9%
1997	32,544	47	328	281	33,200	1,344	203	0	0	0	0	0	1,547	0	34,747	93.7%	0.1%	0.9%	95.5%	4.5%
1998	33,588	35	528	285	34,436	1,315	195	0	0	0	0	0	1,509	0	35,945	93.4%	0.1%	1.5%	95.8%	4.2%
1999	34,534	31	610	191	35,366	1,255	186	0	8	0	0	0	1,449	0	36,815	93.8%	0.1%	1.7%	96.1%	3.9%
2000	34,491	58	890	258	35,697	746	186	0	9	0	0	0	942	0	36,639	94.1%	0.2%	2.4%	97.4%	2.6%
2001	33,679	58	1,446	0	35,183	508	186	0	5	0	0	0	700	4	35,887	93.8%	0.2%	4.0%	98.0%	2.0%
2002	34,488	54	1,380	0	35,921	458	247	0	6	0	0	0	711	5	36,638	94.1%	0.1%	3.8%	98.0%	1.9%
2003	35,979	33	1,383	0	37,395	421	198	0	5	0	0	0	625	4	38,024	94.6%	0.1%	3.6%	98.3%	1.6%
2004	36,618	33	910	0	37,560	450	195	0	4	0	0	0	649	3	38,212	95.8%	0.1%	2.4%	98.3%	1.7%
2005	35,970	41	1,178	0	37,189	784	185	0	4	0	0	0	973	3	38,165	94.2%	0.1%	3.1%	97.4%	2.6%
2006	36,856	62	3,389	0	40,306	747	191	9	6	0	0	0	952	5	41,263	89.3%	0.2%	8.2%	97.7%	2.3%
2007	37,171	39	7,424	0	44,634	539	164	25	6	0	0	0	734	5	45,373	81.9%	0.1%	16.4%	98.4%	1.6%
2008	38,020	44	7,366	36	45,466	668	254	25	-1	0	0	24	970	143	46,579	81.6%	0.1%	15.8%	97.6%	2.1%
2009	35,526	36	6,444	28	42,034	835	279	42	6	0	0	160	1,322	187	43,543	81.6%	0.1%	14.8%	96.5%	3.0%
2010	34,057	50	6,455	36	40,599	696	277	51	5	0	0	448	1,476	174	42,249	80.6%	0.1%	15.3%	96.1%	3.5%
2011	33,138	54	5,256	33	38,480	1,230	330	53	5	0	0	573	2,191	165	40,836	81.1%	0.1%	12.9%	94.2%	5.4%
2012	30,799	40	6,580	4	37,422	748	335	54	5	1	2	704	1,848	133	39,403	78.2%	0.1%	16.7%	95.0%	4.7%
2013	34,285	26	6,606	2	40,919	505	319	56	5	9	2	540	1,437	161	42,517	80.6%	0.1%	15.5%	96.2%	3.4%
2014	33,377	24	8,376	0	41,777	633	522	60	4	9	2	660	1,889	118	43,785	76.2%	0.1%	19.1%	95.4%	4.3%
2015	31,656	20	8,218	8	39,902	769	430	71	4	10	32	626	1,941	106	41,949	75.5%	0.0%	19.6%	95.1%	4.6%
2016	25,939	32	8,691	54	34,716	760	485	77	5	2	1,054	822	3,205	213	38,134	68.0%	0.1%	22.8%	91.0%	8.4%
2017	26,390	38	5,871	16	32,315	1,294	481	71	0	6	2,211	858	4,922	175	37,412	70.5%	0.1%	15.7%	86.4%	13.2%
2018	25,912	37	8,724	7	34,680	927	446	78	0	1	2,224	795	4,471	225	39,375	65.8%	0.1%	22.2%	88.1%	11.4%
2019	25,241	40	9,369	17	34,667	875	310	70	0	0	2,186	819	4,261	189	39,117	64.5%	0.1%	24.0%	88.6%	10.9%
2020*	22,806	39	9,425	7	32,278	977	354	77	0	1	2,379	788	4,576	127	36,981	61.7%	0.1%	25.5%	87.3%	12.4%

*Preliminary

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

²Municipal solid waste

Source: [EIA, Electric Power Annual](https://www.eia.gov/publications/totalenergy/total_energy.php)

