

Table 6.3 Renewable Energy Consumption in Utah, 1960-2022

Year	Residential						Commercial						Industrial						Electric Utility - Net Generation																					
	Wood		Direct-use Geothermal		Solar		Wood		Waste		Solar		Ethanol		Hydroelectric		Direct-use Geothermal		Wood		Waste		Ethanol		Geothermal		Solar		Hydroelectric		Waste		Geothermal ¹		Hydroelectric		Wind		Solar	
	Billion Btu	Billion Btu	GWh	Billion Btu	Billion Btu	Billion Btu	GWh	Billion Btu	Thousand barrels	Billion Btu	GWh	Billion Btu	Thousand barrels	Billion Btu	Billion Btu	GWh	Billion Btu	GWh	Billion Btu	Billion Btu	Billion Btu	Billion Btu	Billion Btu	GWh	Billion Btu	GWh	Billion Btu	GWh	Billion Btu	GWh	Billion Btu	GWh	Billion Btu	GWh	Billion Btu	GWh	Billion Btu	GWh	Billion Btu	
1960	1,840	0	0	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	344	0	0	0	0	0	0	0	0	1	0	0	0	304	1,038	0	0	0	0		
1961	1,772	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	327	0	0	0	0	0	0	0	1	0	0	0	231	787	0	0	0	0			
1962	1,668	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	344	0	0	0	0	0	0	2	7	0	0	0	391	1,333	0	0	0	0			
1963	1,600	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	378	0	0	0	0	0	0	2	7	0	0	0	350	1,194	0	0	0	0			
1964	1,720	0	0	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	396	0	0	0	0	0	0	3	10	0	0	0	762	2,600	0	0	0	0			
1965	1,582	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	344	0	0	0	0	0	0	3	10	0	0	0	910	3,105	0	0	0	0			
1966	1,531	0	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	378	0	0	0	0	0	0	3	10	0	0	0	788	2,688	0	0	0	0			
1967	1,565	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	464	0	0	0	0	0	0	3	10	0	0	0	1,071	3,655	0	0	0	0			
1968	1,651	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	533	0	0	0	0	0	0	3	10	0	0	0	1,014	3,460	0	0	0	0			
1969	1,651	0	0	0	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	602	0	0	0	0	0	0	3	10	0	0	0	1,114	3,802	0	0	0	0			
1970	1,737	0	0	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	533	0	0	0	0	0	0	3	10	0	0	0	738	2,518	0	0	0	0			
1971	1,737	0	0	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	533	0	0	0	0	0	0	3	10	0	0	0	981	3,348	0	0	0	0			
1972	1,686	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	826	0	0	0	0	0	0	3	9	0	0	0	1,220	4,163	0	0	0	0			
1973	1,703	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,410	0	0	0	0	0	0	0	0	0	0	0	1,111	3,789	0	0	0	0			
1974	1,686	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	894	0	0	0	0	0	0	0	0	0	0	0	941	3,211	0	0	0	0			
1975	2,012	0	0	0	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	843	0	0	0	0	0	0	0	0	0	0	0	1,074	3,666	0	0	0	0			
1976	2,133	0	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,084	0	0	0	0	0	0	0	0	0	0	0	1,130	3,854	0	0	0	0			
1977	2,339	0	0	0	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,428	0	0	0	0	0	0	0	0	0	0	0	757	2,582	0	0	0	0			
1978	2,838	0	0	0	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,600	0	0	0	0	0	0	0	0	0	0	0	734	2,503	0	0	0	0			
1979	3,612	0	0	0	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,651	0	0	0	0	0	0	0	0	0	0	0	802	2,736	0	0	0	0			
1980	3,779	0	0	0	94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	619	0	0	0	0	0	0	0	0	0	0	0	821	2,803	0	0	0	0			
1981	5,100	0	0	0	123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	619	34	0	0	0	0	0	0	0	0	0	0	623	2,126	0	0	0	0			
1982	5,295	0	0	0	120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	586	46	0	0	0	0	0	0	0	0	0	0	1,024	3,495	0	0	0	0			
1983	5,663	0	0	0	128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	654	60	0	0	0	0	0	0	0	0	0	0	1,394	4,756	0	0	0	0			
1984	5,846	0	0	0	131	0	0	0	0	1	0	0	0	0	0	0	0	0	0	649	79	1	2	0	0	0	0	0	0	0	38	131	1,391	4,745	0	0	0	0		
1985	6,022	0	0	0	143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	636	89	0	1	0	0	0	0	0	0	110	374	1,019	3,477	0	0	0	0			
1986	5,486	0	0	0	161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	769	35	0	0	0	0	0	0	0	0	0	0	1,413	4,820	0	0	0	0			
1987	2,750	0	0	0	94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	753	39	0	0	0	0	0	0	0	0	164	559	856	2,921	0	0	0	0			
1988	2,935	0	0	0	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	776	42	0	0	0	0	0	0	0	0	174	594	593	2,024	0	0	0	0			
1989	2,967	55	0	34	240	0	0	0	0	0	0	0	0	0	0	0	0	0	137	314	23	0	0	0	240	0	0	0	0	173	591	562	1,916	0	0	0	0			
1990	2,964	55	0	40	324	0	0	0	0	0	0	0	0	0	0	0	0	0	136	130	24	0	0	233	0	0	0	0	0	152	518	508	1,735	0	0	0	0			
1991	3,107	55	0	40	338	0	0	0	0	0	0	0	0	0	0	0	0	0	136	137	23	0	0	230	0	0	0	0	0	186	635	627	2,139	0	0	0	0			
1992	3,260	55	0	40	357	0	0	0	0	0	0	0	0	0	0	0	0	0	135	123	22	0	0	229	0	0	0	0	0	233	798	602	2,055	0	0	0	0			
1993	3,153	55	0	40	424	0	0	0	0	0	0	0	0	0	0	0	0	0	135	129	21	0	1	225	0	0	0	0	0	187	638	860	2,934	0	0	0	0			
1994	2,993	55	0	51	406	0	0	0	0	0	0	0	0	0	0	0	0	0	134	124	29	0	0	264	0	0	0	0	0	233	793	750	2,560	0	0	0	0			
1995	2,993	55	0	51	410	0	0	0	0	0	0	0	0	0	0	0	0	0	132	148	29	0	0	292	0	0	0	0	0	168	573	969	3,305	0	0	0	0			
1996	3,108	55	0	53	426	0	0	0	0	0	0	0	0	0	0	0	0	0	148	195	68	0	1	276	0	0	0	0	0	223	762	1,049	3,579	0	0	0	0			
1997	3,541	55	0	51	592	0	0	0	0	0	0	0	0	0	0	0	0	0	150	212	53	0	0	300	0	0	0	0	0	203	691	1,344	4,586	0	0	0	0			
1998	3,146	55	0	49	517	0	0	0	0	1	0	0	0	0	0	0	0	0	188	190	36	3	11	284	0	0	0	0	0	195	664	1,315	4,486	0	0	0	0			
1999	3,229	24	0	46	543	0	0	0	0	1	0	0	0	0	0	0	0	0	158	196	36	3	9	341	0	0	0	0	0	1,361	186	633	1,255	4,283	0	0	0	0		
2000	3,478	24	0	44	581	0	0	0	0	1	0	0	0	0	0	0	0	0	162	189	28	3	10	353	0	0	0	0	0	1,385	186	635	746	2,546	0	0	0	0		
2001	1,989	24	0	40	350	0	0	0	0	1	0	0	0	0	0	0	0	0	163	238	26	8	28	400	0	0	0	0	0	754	186	633	508	1,735	0	0	0	0		
2002	2,019	24	0	38	358	0	0	0	0	0	0	0	0	0	0	0	0	0	177	130	65	2	7	400	0	0	0	0	0	797	218	743	458	1,562	0	0	0	0		
2003	2,125	24	0	39	373	0	0	0	0	0	0	0	0	0	0	0	0	0	221	133	63	2	6	284	0	0	0	0	0	713	198	677	421	1,438	0	0	0	0		
2004	2,178	24	0	36	365	0	0	0	0	0	0	0	0	0	0	0	0	0	241	141	62	1	3	318	0	0	0	0	0	758	195	665	450	1,535	0	0	0	0		
2005	1,928	24	0	33	309	0	0	0	0	1	2	0	0	0	0	0																								

