Table 5.20 **Other Renewable and Non-Renewable Generation in Utah by Utility Plant - Geothermal, Wind, Biomass, Other Gases, Waste Heat, 1990-2020**

Operator	Plant Name	County	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020*
			Megawatthours (unless otherwise noted)																														
Geothermal																																	
PacifiCorp	Blundell	Beaver	151,825	186,241	186,369	148,148	194,804	139,742	191,912	168,518	160,057	155,530	151,843	152,742	184,447	198,465	194,876	184,802	190,608	163,925	254,277	279,121	274,358	278,080	268,542	250,722	274,996	259,703	256,918	249,033	223,051	115,179	214,329
ENEL	Cove Fort	Beaver			47,024	38,727	37,827	28,422	31,399	34,657	34,500	30,396	34,618	33,247	29,681											15,622	165,107	105,833	164,844	168,120	157,760	129,523	na
Thermo No 1 BE 01 LLC	Thermo No. 1	Beaver																					3	52,108	66,096	52,564	81,479	63,981	63,332	63,775	64,926	65,612	na
Total			**151,825**	**186,241**	**233,393**	**186,875**	**232,631**	**168,164**	**223,311**	**203,175**	**194,557**	**185,926**	**186,461**	**185,989**	**214,128**	**198,465**	**194,876**	**184,802**	**190,608**	**163,925**	**254,277**	**279,121**	**274,361**	**330,188**	**334,638**	**318,908**	**521,582**	**429,517**	**485,094**	**480,928**	**445,737**	**310,314**	**354,229**
Wind																																	
Spanish Fork Wind Park LLC	Spanish Fork	Utah																			23,900	46,415	46,929	47,379	39,991	46,031	44,786	45,915	48,248	46,460	44,398	49,052	46,312
First Wind O&M	Milford Wind I	Milford/Beaver																				113,122	400,751	414,420	457,145	338,529	415,968	392,419	455,189	442,501	394,366	401,083	395,386
Milford Wind Corridor II LLC	Milford Wind II	Milford/Beaver																						110,991	206,775	155,246	199,197	187,583	214,357	212,006	197,100	200,272	195,113
Sustainable Power Group, LLC	Latigo	San Juan																											104,485	153,706	155,251	165,201	163,084
Tooele Army Depot (non-utility)	TAD	Tooele																											3	3,579	3,440	3,076	2,806
Total (utility only)																					**23,900**	**159,537**	**447,680**	**572,790**	**703,911**	**539,806**	**659,951**	**625,917**	**822,279**	**854,673**	**791,115**	**818,684**	**802,701**
Landfill Gas																																	
Energy Developments	Trans-Jordan Gen. Station	Salt Lake															Fuel consumption (Mcf)					309,000	498,839	644,137	702,746	757,912	855,049	833,711	874,562	815,074	930,393	929,123	na
																	Net Generation (MWh)					16,539	25,433	28,072	29,306	31,650	34,414	34,789	37,267	35,826	38,504	36,399	na
LES Project Holdings	Salt Lake Energy Systems	Salt Lake															Fuel consumption (Mcf)		185,174	280,865	533,832	564,092	564,625	552,392	550,301	549,593	567,832	505,371	538,210	555,350	504,223	523,946	na
																	Net Generation (MWh)		8,710	25,076	24,848	25,736	25,605	25,120	24,914	24,848	25,663	22,092	23,470	25,473	25,856	25,067	na
Ameresco Federal Solutions	Hill AFB LFG Facility	Davis															Fuel consumption (Mcf)											353,394	395,417	252,853	354,260	221,055	320,458
																	Net Generation (MWh)											14,573	16,345	9,956	13,718	8,823	13,070
Total (net generation)																			**8,710**	**25,076**	**24,848**	**42,275**	**51,038**	**53,192**	**54,220**	**56,498**	**60,077**	**71,454**	**77,082**	**71,255**	**78,078**	**70,289**	**77,247**
Other Biomass Gases																																	
Blue Mountain Biogas	Blue Mountain Biogass	Beaver																					Fuel consumption (Mcf)	8,093	157,922	280,000	178,007	101,778	286,660	62,154	10,431	1,069
																							Net Generation (MWh)	527	9,487	8,732	9,937	2,036	5,999	1,382	447	67
Muncicpal Solid Waste - Biogenic																																	
Wasatch Integrated Waste Mng.	Wasatch Energy Systems	Davis							Fuel consumption (short tons)					94,233	99,849	89,596	95,229	105,292	96,169	92,731	96,465	87,151	95,096	81,742	79,368	78,146	71,119	52,251	64,578	25,931	--	--	--
									Net Generation (MWh)	8,169	9,110	5,496	6,270	5,083	3,821	3,948	6,158	5,954	-1,163	5,603	5,300	4,815	4,809	4,941	3,721	3,740	4,966	415	--	--	--
Muncicpal Solid Waste - Non-biogenic																																	
Wasatch Integrated Waste Mng.	Wasatch Energy Systems	Davis									Fuel consumption (short tons)			28,148	29,825	28,294	30,072	35,097	32,056	30,908	32,155	29,050	31,699	31,931	44,644	43,957	40,005	29,391	36,325	14,586	--	--	--
											Net Generation (MWh)			4,146	4,927	4,158	3,126	3,102	4,838	4,679	-913	4,402	4,164	4,154	4,620	4,748	3,575	3,594	4,771	399	--	--	--
Other Gases																																	
Tesoro Refining Marketing Co. (non-utility)	Tesoro SLC Cogen Plant	Salt Lake																	Fuel consumption (Mcf)		454,204	351,610	469,031	434,644	51,568	25,976	0	103,317	729,782	235,008	83,793	232,744	83,954
																			Net Generation (MWh)		35,788	27,933	36,220	32,638	3,931	1,770	0	8,304	54,099	16,409	6,559	17,022	7,384
Waste Heat																																	
Kennecott Utah Copper (non-utility)	KUCC	Salt Lake																			143,656	182,592	169,474	160,077	128,388	156,116	114,404	102,138	171,972	121,650	172,039	139,722	76,306
Utah Associated Mun Power Sys (non-utility)	Veyo Heat Recovery Project	Washington																											36,108	52,917	53,104	48,865	51,431
Total																					**143,656**	**182,592**	**169,474**	**160,077**	**128,388**	**156,116**	**114,404**	**102,138**	**208,080**	**174,567**	**225,143**	**188,587**	**127,737**

*Preliminary

Source: Form EIA-923