

Table 5.16a Petroleum-Fired Electricity Generation in Utah by Utility Plant, 1990-2017

Company	Plant	Year	Fuel consumption		Net generation		MWh per barrel
			Barrels	MWh	Barrels	MWh	
Deseret Generation & Transmission Coop	Bonanza	1990	4,899	3,305	4,899	3,305	0.67
		1991	4,194	2,535	4,194	2,535	0.60
		1992	2,801	1,598	2,801	1,598	0.57
		1993	3,094	1,825	3,094	1,825	0.59
		1994	2,774	1,679	2,774	1,679	0.61
		1995	7,753	4,057	7,753	4,057	0.52
		1996	2,992	1,639	2,992	1,639	0.55
		1997	3,875	1,979	3,875	1,979	0.51
		1998	3,181	1,799	3,181	1,799	0.57
		1999	3,908	2,180	3,908	2,180	0.56
		2000	15,206	8,318	15,206	8,318	0.55
		2001	5,017	2,854	5,017	2,854	0.57
		2002	3,519	1,747	3,519	1,747	0.50
		2003	8,345	3,632	8,345	3,632	0.44
		2004	6,241	2,735	6,241	2,735	0.44
		2005	7,731	3,409	7,731	3,409	0.44
		2006	4,200	1,810	4,200	1,810	0.43
		2007	7,531	4,118	7,531	4,118	0.55
		2008	6,719	3,621	6,719	3,621	0.54
		2009	6,125	3,354	6,125	3,354	0.55
2010	3,237	1,770	3,237	1,770	0.55		
2011	5,174	2,838	5,174	2,838	0.55		
2012	5,407	2,965	5,407	2,965	0.55		
2013	6,558	3,629	6,558	3,629	0.55		
2014	4,215	2,354	4,215	2,354	0.56		
2015	3,229	1,793	3,229	1,793	0.56		
2016	8,948	5,467	8,948	5,467	0.61		
2017	8,739	5,250	8,739	5,250	0.60		
Los Angeles Dept. of Water & Power	Intermountain	1990	38,686	23,276	38,686	23,276	0.60
		1991	36,129	21,530	36,129	21,530	0.60
		1992	20,969	12,651	20,969	12,651	0.60
		1993	19,991	13,189	19,991	13,189	0.66
		1994	16,355	9,793	16,355	9,793	0.60
		1995	23,038	13,609	23,038	13,609	0.59
		1996	19,818	11,631	19,818	11,631	0.59
		1997	14,962	8,947	14,962	8,947	0.60
		1998	13,830	7,873	13,830	7,873	0.57
		1999	11,657	7,041	11,657	7,041	0.60
		2000	13,294	7,986	13,294	7,986	0.60
		2001	11,826	7,183	11,826	7,183	0.61
		2002	10,107	6,363	10,107	6,363	0.63
		2003	13,980	8,506	13,980	8,506	0.61
		2004	9,820	5,990	9,820	5,990	0.61
		2005	10,806	6,602	10,806	6,602	0.61
		2006	10,269	6,249	10,269	6,249	0.61
		2007	9,268	5,674	9,268	5,674	0.61
		2008	8,773	5,410	8,773	5,410	0.62
		2009	12,214	7,674	12,214	7,674	0.63
2010	16,899	10,064	16,899	10,064	0.60		
2011	15,727	9,054	15,727	9,054	0.58		
2012	13,930	8,145	13,930	8,145	0.58		
2013	11,235	6,760	11,235	6,760	0.60		
2014	15,081	8,967	15,081	8,967	0.59		
2015	11,424	6,831	11,424	6,831	0.60		
2016	21,927	12,879	21,927	12,879	0.59		
2017	33,825	20,191	33,825	20,191	0.60		
PacifiCorp	Carbon	1990	2,169	1,090	2,169	1,090	0.50
		1991	2,036	1,051	2,036	1,051	0.52
		1992	899	531	899	531	0.59
		1993	1,476	776	1,476	776	0.53
		1994	1,556	855	1,556	855	0.55
		1995	1,659	899	1,659	899	0.54
		1996	1,603	881	1,603	881	0.55
		1997	2,204	1,151	2,204	1,151	0.52
		1998	3,462	1,797	3,462	1,797	0.52
		1999	4,732	2,437	4,732	2,437	0.52
		2000	1,291	680	1,291	680	0.53
		2001	1,899	893	1,899	893	0.47
		2002	2,614	1,348	2,614	1,348	0.52
		2003	2,694	1,409	2,694	1,409	0.52
		2004	3,862	1,944	3,862	1,944	0.50
		2005	2,514	1,289	2,514	1,289	0.51
		2006	3,119	1,621	3,119	1,621	0.52
		2007	3,048	1,560	3,048	1,560	0.51
		2008	3,243	1,645	3,243	1,645	0.51
		2009	3,471	1,821	3,471	1,821	0.52
2010	1,979	1,044	1,979	1,044	0.53		
2011	947	503	947	503	0.53		
2012	1,885	982	1,885	982	0.52		
2013	2,475	1,297	2,475	1,297	0.52		
2014	1,566	815	1,566	815	0.52		
2015^	218	114	218	114	0.52		
2016	--	--	--	--	--		
2017	--	--	--	--	--		
PacifiCorp	Hunter	1990	17,708	10,105	17,708	10,105	0.57
		1991	18,270	10,488	18,270	10,488	0.57
		1992	22,217	10,659	22,217	10,659	0.48
		1993	15,288	8,629	15,288	8,629	0.56
		1994	18,490	10,590	18,490	10,590	0.57
		1995	13,719	7,701	13,719	7,701	0.56
		1996	14,690	7,997	14,690	7,997	0.54
		1997	17,889	9,496	17,889	9,496	0.53
		1998	17,928	9,527	17,928	9,527	0.53
		1999	17,840	9,554	17,840	9,554	0.54
		2000	16,619	9,138	16,619	9,138	0.55
		2001	23,936	10,708	23,936	10,708	0.45
		2002	17,360	9,754	17,360	9,754	0.56
		2003	16,114	8,935	16,114	8,935	0.55
		2004	18,835	10,439	18,835	10,439	0.55
		2005	19,384	10,615	19,384	10,615	0.55
		2006	18,492	10,265	18,492	10,265	0.56
		2007	29,346	15,824	29,346	15,824	0.54
		2008	15,568	8,486	15,568	8,486	0.55
		2009	20,086	10,874	20,086	10,874	0.54
2010	27,453	15,105	27,453	15,105	0.55		
2011	24,477	13,884	24,477	13,884	0.57		
2012	21,066	12,152	21,066	12,152	0.58		
2013	17,726	10,230	17,726	10,230	0.58		
2014	13,076	7,556	13,076	7,556	0.58		
2015	10,452	6,073	10,452	6,073	0.58		
2016	16,388	9,294	16,388	9,294	0.57		
2017	14,212	8,156	14,212	8,156	0.57		

Company	Plant	Year	Fuel consumption		Net generation		MWh per barrel
			Barrels	MWh	Barrels	MWh	
Heber Light and Co.	Power Heber City	1990	0	22	0	22	--
		1991	--	--	--	--	--
		1992	--	--	--	--	--
		1993	--	--	--	--	--
		1994	--	--	--	--	--
		1995	--	--	--	--	--
		1996	--	--	--	--	--
		1997	--	--	--	--	--
		1998	805	581	805	581	0.72
		1999	663	522	663	522	0.79
		2000	4,356	3,300	4,356	3,300	0.76
		2001	0	0	0	0	--
		2002	254	148	254	148	0.58
		2003	0	0	0	0	--
		2004	1,269	648	1,269	648	0.51
		2005	17,307	9,945	17,307	9,945	0.57
		2006	--	--	--	--	--
		2007	10,267	4,103	10,267	4,103	0.40
		2008	33,781	18,891	33,781	18,891	0.56
		2009	7,848	4,617	7,848	4,617	0.59
2010	17,577	14,782	17,577	14,782	0.84		
2011	26,510	18,548	26,510	18,548	0.70		
2012	17,553	10,041	17,553	10,041	0.57		
2013	0	0	0	0	--		
2014	0	0	0	0	--		
2015	0	0	0	0	--		
2016	0	0	0	0	--		
2017	0	0	0	0	--		
City of Logan	Logan Diesel	1990	345	-79	345	-79	-0.23
		1991	352	-176	352	-176	-0.50
		1992	296	-345	296	-345	-1.17
		1993	221	-377	221	-377	-1.71
		1994	274	-306	274	-306	-1.12
		1995	338	-208	338	-208	-0.62
		1996	962	181	962	181	0.19
		1997	489	179	489	179	0.37
		1998	771	-106	771	-106	-0.14
		1999	0	--	0	--	--
		2000	2,383	1,181	2,383	1,181	0.50
		2001	2,498	924	2,498	924	0.37
		2002	0	0	0	0	--
		2003	--	--	--	--	--
		2004	--	--	--	--	--
		2005	--	--	--	--	--
		2006	--	--	--	--	--
		2007	--	--	--	--	--
		2008	--	--	--	--	--
		2009	--	--	--	--	--
2010	--	--	--	--	--		
2011	--	--	--	--	--		
2012	--	--	--	--	--		
2013	--	--	--	--	--		
2014	--	--	--	--	--		
2015	--	--	--	--	--		
2016	--	--	--	--	--		
2017	--	--	--	--	--		
City of Murray	Murray Diesel	1990	157	76	157	76	0.48
		1991	122	98	122	98	0.80
		1992	162	92	162	92	0.57
		1993	113	85	113	85	0.75
		1994	136	74	136	74	0.54
		1995	162	66	162	66	0.41
		1996	93	50	93	50	0.54
		1997	63	36	63	36	0.57
		1998	13	8	13	8	0.62
		1999	27	10	27	10	0.37
		2000	21	10	21	10	0.48
		2001					

PacifiCorp	Huntington	1990	12,570	7,318	0.58
		1991	16,469	9,584	0.58
		1992	7,394	4,188	0.57
		1993	8,349	4,866	0.58
		1994	7,537	4,298	0.57
		1995	11,202	6,449	0.58
		1996	11,125	6,226	0.56
		1997	9,931	5,674	0.57
		1998	12,706	6,941	0.55
		1999	9,026	5,131	0.57
		2000	10,135	5,791	0.57
		2001	25,368	14,718	0.58
		2002	22,995	13,422	0.58
		2003	10,652	6,192	0.58
		2004	15,477	9,035	0.58
		2005	13,293	7,576	0.57
		2006	13,118	7,520	0.57
		2007	9,207	5,244	0.57
		2008	8,287	4,794	0.58
		2009	10,980	6,412	0.58
		2010	12,209	6,806	0.56
		2011	14,460	8,673	0.60
		2012	6,516	3,776	0.58
		2013	4,368	2,458	0.56
		2014	5,566	3,200	0.57
		2015	4,671	2,680	0.57
		2016	3,566	2,043	0.57
		2017	6,324	3,536	0.56
City of St. George	No. 2 Diesel / Sugarloaf / Red Rock	1990	5,658	3,403	0.60
		1991	1,291	700	0.54
		1992	1,701	975	0.57
		1993	867	459	0.53
		1994	804	408	0.51
		1995	858	512	0.60
		1996	1,518	917	0.60
		1997	975	444	0.46
		1998	2,530	1,654	0.65
		1999	0	0	--
		2000	0	0	--
		2001	0	0	--
		2002	17,788	10,105	0.57
		2003	0	0	--
		2004	925	616	0.67
		2005	0	0	--
		2006	1,131	813	0.72
		2007	1,194	655	0.55
		2008	271	164	0.61
		2009	940	546	0.58
		2010	290	159	0.55
		2011	362	188	0.52
		2012	253	199	0.79
		2013	381	174	0.46
		2014	371	162	0.44
		2015	552	297	0.54
		2016	52	37	0.71
		2017	8	5	0.63
City of St. George	St. George / Bloomington	1990	--	--	--
		1991	--	--	--
		1992	--	--	--
		1993	--	--	--
		1994	--	--	--
		1995	--	--	--
		1996	--	--	--
		1997	--	--	--
		1998	--	--	--
		1999	1,278	902	0.71
		2000	28,536	17,165	0.60
		2001	22,058	13,862	0.63
		2002	10,300	5,857	0.57
		2003	0	0	--
		2004	450	316	0.70
		2005	401	194	0.48
		2006	996	482	0.48
		2007	443	234	0.53
		2008	150	75	0.50
		2009	204	93	0.46
		2010	325	217	0.67
		2011	162	119	0.73
		2012	179	114	0.64
		2013	289	393	1.36
		2014	166	86	0.52
		2015	91	57	0.63
		2016	30	22	0.73
		2017	31	20	0.65
City Of Bountiful	Bountiful City	1990	664	362	0.55
		1991	242	136	0.56
		1992	1,858	1,071	0.58
		1993	1,503	592	0.39
		1994	1,281	360	0.28
		1995	617	170	0.28
		1996	571	285	0.50
		1997	990	400	0.40
		1998	758	255	0.34
		1999	1,069	346	0.32
		2000	2,068	821	0.40
		2001	1,774	643	0.36
		2002	709	286	0.40
		2003	770	392	0.51
		2004	412	197	0.48
		2005	250	135	0.54
		2006	233	97	0.42
		2007	724	435	0.60
		2008	498	298	0.60
		2009	469	272	0.58
		2010	227	136	0.60
		2011	14	10	0.74
		2012	42	24	0.57
		2013	17	14	0.82
		2014	0	0	--
		2015	0	0	--
		2016	0	0	--
		2017	0	0	--

City of Springville	Whitehead	1990	703	178	0.25
		1991	2,670	1,563	0.59
		1992	3,583	2,010	0.56
		1993	3,595	2,058	0.57
		1994	3,994	2,403	0.60
		1995	1,738	727	0.42
		1996	1,303	1,100	0.84
		1997	1,036	500	0.48
		1998	1,620	820	0.51
		1999	1,544	800	0.52
		2000	4,228	2,110	0.50
		2001	6,847	3,701	0.54
		2002	5,384	2,881	0.54
		2003	3,336	1,873	0.56
		2004	807	393	0.49
		2005	615	271	0.44
		2006	876	420	0.48
		2007	1,205	605	0.50
		2008	151	11	0.07
		2009	378	171	0.45
		2010	355	161	0.45
		2011	65	-4	-0.06
		2012	216	87	0.40
		2013	322	133	0.41
		2014	174	60	0.34
		2015	328	120	0.37
		2016	293	124	0.42
		2017	5	7	1.40
Payson City Corp.	Payson	1990	--	--	--
		1991	--	--	--
		1992	--	--	--
		1993	--	--	--
		1994	--	--	--
		1995	--	--	--
		1996	--	--	--
		1997	--	--	--
		1998	--	--	--
		1999	--	--	--
		2000	--	--	--
		2001	--	--	--
		2002	3,859	1,357	0.35
		2003	528	277	0.52
		2004	261	129	0.49
		2005	170	84	0.49
		2006	452	254	0.56
		2007	574	377	0.66
		2008	50	21	0.42
		2009	72	37	0.51
		2010	83	44	0.53
		2011	54	28	0.52
		2012	136	75	0.55
		2013	47	2	0.04
		2014	49	2	0.04
		2015	52	2	0.04
		2016	51	2	0.04
		2017	4	0	0.00
Hurricane City Power	Hurricane Power Committee	1990	--	--	--
		1991	--	--	--
		1992	--	--	--
		1993	--	--	--
		1994	--	--	--
		1995	--	--	--
		1996	--	--	--
		1997	--	--	--
		1998	--	--	--
		1999	--	--	--
		2000	--	--	--
		2001	--	--	--
		2002	--	--	--
		2003	--	--	--
		2004	--	--	--
		2005	--	--	--
		2006	--	--	--
		2007	--	--	--
		2008	--	--	--
		2009	--	--	--
		2010	--	--	--
		2011	47	28	0.60
		2012	70	41	0.59
		2013	47	28	0.60
		2014	47	24	0.51
		2015	27	12	0.44
		2016	28	15	0.54
		2017	71	38	0.54
Total		1990	83,885	49,262	0.59
		1991	81,929	47,586	0.58
		1992	61,977	33,557	0.54
		1993	54,501	32,104	0.59
		1994	53,201	30,154	0.57
		1995	61,136	34,000	0.56
		1996	54,783	30,957	0.57
		1997	52,483	28,836	0.55
		1998	57,853	31,289	0.54
		1999	51,945	29,023	0.56
		2000	99,079	56,940	0.57
		2001^	108,704	57,538	0.53
		2002	95,431	53,469	0.56
		2003	56,772	31,386	0.55
		2004	58,616	32,567	0.56
		2005	72,728	40,245	0.55
		2006	53,074	29,619	0.56
		2007	73,487	39,148	0.53
		2008	77,885	43,613	0.56
		2009	63,203	36,058	0.57
		2010	80,783	50,357	0.62
		2011	88,213	53,950	0.61
		2012	67,508	38,709	0.57
		2013	43,610	25,191	0.58
		2014	40,487	23,316	0.58
		2015	31,144	18,033	0.58
		2016	51,342	29,915	0.58
		2017	63,219	37,203	0.59

^EIA records - 121 MWh of net generation for PacifiCorp's Little Mountain plant under petroleum. This seems to be a mistake, but was added here so numbers balanced between tables.

^^Carbon shut down in April 2015