

Table 6.5a Energy Efficiency and Demand Response Metrics for Utah, 2015

Category	Sector	Units	PacifiCorp	Heber Light & Power Company	Hurricane Power Committee	City of Logan	Utah Municipal Power Agency	Utah Associated Mun Power Sys	Dixie Escalante R E A, Inc	Totals
Reporting year incremental annual savings - Energy savings	Residential	MWh	114,977	128	1	56	106	430		115,698
	Commercial	MWh	81,976			1,034	612			83,622
	Industrial	MWh	29,912			341				30,253
	Transportation	MWh								
	Total	MWh	226,865	128	1	1,431	718	430		229,573
Reporting year incremental annual savings - Peak demand savings	Residential	MW	22				0			23
	Commercial	MW	16			0	0			16
	Industrial	MW	6			0				6
	Transportation	MW								
	Total	MW	44			0	0			45
Incremental life cycle savings - Energy savings	Residential	MWh	749,515	1,676	3	664	1,058	5,663		758,579
	Commercial	MWh	959,120			10,340	15,688			985,148
	Industrial	MWh	349,970			3,415				353,385
	Transportation	MWh								
	Total	MWh	2,058,605	1,676	3	14,419	16,746	5,663		2,097,112
Incremental life cycle savings - Peak demand savings	Residential	MW	146	0			1			147
	Commercial	MW	187			3	3			192
	Industrial	MW	68			1				69
	Transportation	MW								
	Total	MW	401	0		3	5			409
Reporting year incremental cost - Customer incentives	Residential	1000 \$	14,939	39	1	2	47	77		15,105
	Commercial	1000 \$	18,514			152				18,666
	Industrial	1000 \$	6,320			51				6,371
	Transportation	1000 \$								
	Total	1000 \$	39,773	39	1	205	47	77		40,142
Reporting year incremental cost - All other costs	Residential	1000 \$	9,658			1	40	18		9,717
	Commercial	1000 \$	5,339			5	877			6,221
	Industrial	1000 \$	1,385			2				1,387
	Transportation	1000 \$								
	Total	1000 \$	16,382			8	917	18		17,325
Incremental life cycle costs - Customer incentives	Residential	1000 \$	14,939	109	1	2	47	77		15,175
	Commercial	1000 \$	18,514			152				18,666
	Industrial	1000 \$	6,320			51				6,371
	Transportation	1000 \$								
	Total	1000 \$	39,773	109	1	205	47	47		40,182
Incremental life cycle costs - All other costs	Residential	1000 \$	9,658			1	40	18		9,717
	Commercial	1000 \$	5,339			5	877			6,221
	Industrial	1000 \$	1,385			2				1,387
	Transportation	1000 \$								
	Total	1000 \$	16,382			8	917	18		17,325
Weighted average life	Residential	Years	7	13	8	13	10	13		64
	Commercial	Years	12			10	26			47
	Industrial	Years	12			10				22
	Transportation	Years								
	Total	Years								
Yearly energy demand savings - Number of customers enrolled	Residential	# of customers	103,371							103,371
	Commercial	# of customers							95	95
	Industrial	# of customers	55							55
	Transportation	# of customers								
	Total	# of customers	103,426						95	103,521
Yearly energy demand savings - Potential peak demand savings	Residential	MWh	92							92
	Commercial	MWh							3	3
	Industrial	MWh	13							13
	Transportation	MWh								
	Total	MWh	106						3	109
Yearly energy demand savings - Actual peak demand savings	Residential	MWh	81							81
	Commercial	MWh							3	3
	Industrial	MWh	11							11
	Transportation	MWh								
	Total	MWh	92						3	95
Program costs - Customer incentives	Residential	1000 \$	1,995							1,995
	Commercial	1000 \$							188	188
	Industrial	1000 \$	438							438
	Transportation	1000 \$								
	Total	1000 \$	2,433						188	2,621
Program costs - All other costs	Residential	1000 \$	2,566							2,566
	Commercial	1000 \$							19	19
	Industrial	1000 \$	38							38
	Transportation	1000 \$								
	Total	1000 \$	2,604						19	2,623

Source: [Form EIA-861](#)

Note: The EIA survey on DSM and energy efficiency changed in 2013, therefore data prior to 2013 may not be comparable to new data.

Table 6.5b Energy Efficiency and Demand Response Metrics for Utah, 2014

Category	Sector	Units	PacifiCorp	Heber Light & Power Company	Hurricane Power Committee	City of Logan	Utah Municipal Power Agency	Utah Associated Mun Power Sys	Dixie Escalante R E A, Inc	Totals
Reporting year incremental annual savings - Energy savings	Residential	MWh	136,436	134	9	5	347	711		137,642
	Commercial	MWh	77,045			3,146	785			80,976
	Industrial	MWh	34,069							34,069
	Transportation	MWh								
	Total	MWh	247,550	134	9	3,151	1,132	711		252,687
Reporting year incremental annual savings - Peak demand savings	Residential	MW	35		1					36
	Commercial	MW	14			1				14
	Industrial	MW	3							3
	Transportation	MW								
	Total	MW	52		1	1				53
Incremental life cycle savings - Energy savings	Residential	MWh	1,032,327	1,718	132	55	3,466	8,987		1,046,685
	Commercial	MWh	986,172			31,459	19,435			1,037,066
	Industrial	MWh	436,081							436,081
	Transportation	MWh								
	Total	MWh	2,454,580	1,718	132	31,514	22,901	8,987		2,519,832
Incremental life cycle savings - Peak demand savings	Residential	MW	266		1					267
	Commercial	MW	175			5	3			183
	Industrial	MW	37							37
	Transportation	MW								
	Total	MW	478		1	5	3			487
Reporting year incremental cost - Customer incentives	Residential	1000 \$	22,001	34	5	1	191	221		22,453
	Commercial	1000 \$	10,394			91				10,485
	Industrial	1000 \$	2,161							2,161
	Transportation	1000 \$								
	Total	1000 \$	34,556	34	5	92	191	221		35,099
Reporting year incremental cost - All other costs	Residential	1000 \$	8,613		1	1	91	10		8,716
	Commercial	1000 \$	6,603			7	788			7,398
	Industrial	1000 \$	6,108							6,108
	Transportation	1000 \$								
	Total	1000 \$	21,324		1	7	879	10		22,221
Incremental life cycle costs - Customer incentives	Residential	1000 \$	22,001	34	5	1	191	221		22,453
	Commercial	1000 \$	10,394			107				10,501
	Industrial	1000 \$	2,161							2,161
	Transportation	1000 \$								
	Total	1000 \$	34,556	34	5	108	191	221		35,115
Incremental life cycle costs - All other costs	Residential	1000 \$	8,613		1	1	91	10		8,716
	Commercial	1000 \$	6,603			7	788			7,398
	Industrial	1000 \$	6,108							6,108
	Transportation	1000 \$								
	Total	1000 \$	21,324		1	7	879	10		22,221
Weighted average life	Residential	Years	8	14	9	12	10	13		66
	Commercial	Years	13			10	25			48
	Industrial	Years	13							13
	Transportation	Years								
	Total	Years								
Yearly energy demand savings - Number of customers enrolled	Residential	# of customers	92,100							92,100
	Commercial	# of customers						99		99
	Industrial	# of customers	55							55
	Transportation	# of customers								
	Total	# of customers	92,155						99	92,254
Yearly energy demand savings - Potential peak demand savings	Residential	MWh	108							108
	Commercial	MWh						3		3
	Industrial	MWh	16							16
	Transportation	MWh								
	Total	MWh	124					3		127
Yearly energy demand savings - Actual peak demand savings	Residential	MWh	101							101
	Commercial	MWh						3		3
	Industrial	MWh	16							16
	Transportation	MWh								
	Total	MWh	117					3		120
Program costs - Customer incentives	Residential	1000 \$	1,881							1,881
	Commercial	1000 \$						184		184
	Industrial	1000 \$	551							551
	Transportation	1000 \$								
	Total	1000 \$	2,432					184		2,616
Program costs - All other costs	Residential	1000 \$	21,689							21,689
	Commercial	1000 \$						18		18
	Industrial	1000 \$	43							43
	Transportation	1000 \$								
	Total	1000 \$	21,732					18		21,750

Source: [Form EIA-861](#)

Note: The EIA survey on DSM and energy efficiency changed in 2013, therefore data prior to 2013 may not be comparable to new data.

Table 6.5c Energy Efficiency and Demand Response Metrics for Utah, 2013

Category	Sector	Units	PacifiCorp	Heber Light & Power Company	Hurricane Power Committee	City of Logan	Utah Municipal Power Agency	Utah Associated Mun Power Sys	Dixie Escalante R E A, Inc	Totals
Reporting year incremental annual savings - Energy savings	Residential	MWh	137,534	100	1	14	22	519		138,190
	Commercial	MWh	66,525			359	785			67,669
	Industrial	MWh	39,375							39,375
	Transportation	MWh								
	Total	MWh	243,434	100	1	373	807	519		245,234
Reporting year incremental annual savings - Peak demand savings	Residential	MW	37	1						38
	Commercial	MW	13							13
	Industrial	MW	4							4
	Transportation	MW								
	Total	MW	54	1						55
Incremental life cycle savings - Energy savings	Residential	MWh	1,016,315	100.0	22	169	220	519		1,017,345
	Commercial	MWh	904,737			3,592	21,030			929,359
	Industrial	MWh	535,503							535,503
	Transportation	MWh								
	Total	MWh	2,456,555	100.0	22	3,761	21,250	519		2,482,207
Incremental life cycle savings - Peak demand savings	Residential	MW	273	1						274
	Commercial	MW	174			1	3			178
	Industrial	MW	58							58
	Transportation	MW								
	Total	MW	505	1		1	3			509
Reporting year incremental cost - Customer incentives	Residential	1000 \$	17,220	6	1	4		106		17,337
	Commercial	1000 \$	9,271			107				9,378
	Industrial	1000 \$	4,245							4,245
	Transportation	1000 \$								
	Total	1000 \$	30,736	6	1	111		106		30,960
Reporting year incremental cost - All other costs	Residential	1000 \$	7,747			1	10	23		7,781
	Commercial	1000 \$	2,573			6	876			3,455
	Industrial	1000 \$	1,565							1,565
	Transportation	1000 \$								
	Total	1000 \$	11,885			7	887	23		12,802
Incremental life cycle costs - Customer incentives	Residential	1000 \$	17,220	6	1	4		106		17,337
	Commercial	1000 \$	9,271			107				9,378
	Industrial	1000 \$	4,245							4,245
	Transportation	1000 \$								
	Total	1000 \$	30,736	6	1	111		106		30,960
Incremental life cycle costs - All other costs	Residential	1000 \$	7,747			1	10	23		7,781
	Commercial	1000 \$	2,573			6	876			3,455
	Industrial	1000 \$	1,565							1,565
	Transportation	1000 \$								
	Total	1000 \$	11,885			7	887	23		12,802
Weighted average life	Residential	Years	7	15	15	12	10	15		74
	Commercial	Years	14			10	27			50
	Industrial	Years	14							14
	Transportation	Years								
	Total	Years								
Yearly energy demand savings - Number of customers enrolled	Residential	# of customers	105,457							105,457
	Commercial	# of customers						100		100
	Industrial	# of customers	54							54
	Transportation	# of customers								
	Total	# of customers	105,511					100		105,611
Yearly energy demand savings - Potential peak demand savings	Residential	MWh	101							101
	Commercial	MWh						4		4
	Industrial	MWh	15							15
	Transportation	MWh								
	Total	MWh	116					4		120
Yearly energy demand savings - Actual peak demand savings	Residential	MWh	101							101
	Commercial	MWh						4		4
	Industrial	MWh	13							13
	Transportation	MWh								
	Total	MWh	114					4		118
Program costs - Customer incentives	Residential	1000 \$	2,073							2,073
	Commercial	1000 \$						176		176
	Industrial	1000 \$	556							556
	Transportation	1000 \$								
	Total	1000 \$	2,629					176		2,805
Program costs - All other costs	Residential	1000 \$	8,267							8,267
	Commercial	1000 \$						13		13
	Industrial	1000 \$	188							188
	Transportation	1000 \$								
	Total	1000 \$	8,455					13		8,468

Source: [Form EIA-861](#)

Note: The EIA survey on DSM and energy efficiency changed in 2013, therefore data prior to 2013 may not be comparable to new data.

Table 6.5d Demand-Side Management and Energy Efficiency Metrics for Utah, 2012

Category	Sector	Units	PacifiCorp	Utah Municipal Power Agency	Dixie Escalante R E A, Inc	Empire Electric Assn, Inc	Utah Associated Mun Power Sys	Payson City Corporation	City of Logan	Totals
			Investor owned	Municipal mktg authority	Cooperative	Cooperative	Political subdivision	Municipal	Municipal	
Incremental energy efficiency energy effects	Residential	MWh	94,690	76			219	20	27	95,032
	Commercial	MWh	93,878	714					416	95,008
	Industrial	MWh	29,040						144	29,184
	Transportation	MWh							388	388
	Total	MWh	217,608	790			219	20	975	219,612
Annual energy efficiency energy effects	Residential	MWh	702,450	696		1	1,359	539	27	705,072
	Commercial	MWh	548,487	16,230		2			416	565,135
	Industrial	MWh	688,217			2			144	688,363
	Transportation	MWh							388	388
	Total	MWh	1,939,154	16,926		5	1,359	539	975	1,958,958
Incremental energy efficiency actual peak reduction	Residential	MW	19	0.1						19
	Commercial	MW	19	0.1					0.1	19
	Industrial	MW	6						0.1	6
	Transportation	MW							0.2	0.2
	Total	MW	44	0.2					0.4	45
Annual energy efficiency actual peak reduction	Residential	MW	143					1		143
	Commercial	MW	112	8					0.2	120
	Industrial	MW	140						0.1	140
	Transportation	MW							0.2	0.2
	Total	MW	394	8				1	0.5	403
Incremental load management potential peak reduction	Residential	MW	49							49
	Commercial	MW				3				3
	Industrial	MW	129							129
	Transportation	MW								
	Total	MW	178			3				181
Annual load management potential peak reduction	Residential	MW								
	Commercial	MW				8				8
	Industrial	MW								
	Transportation	MW								
	Total	MW				8				8
Incremental load management actual peak reduction	Residential	MW	106							106
	Commercial	MW				3				3
	Industrial	MW	32							32
	Transportation	MW								
	Total	MW	138			3				141
Annual load management actual peak reduction	Residential	MW								
	Commercial	MW				4				4
	Industrial	MW								
	Transportation	MW								
	Total	MW				4				4
Annual energy efficiency cost	Residential	1000 \$	10,034	83			25	9	15	10,166
	Commercial	1000 \$	3,954							3,954
	Industrial	1000 \$	4,581							4,581
	Transportation	1000 \$							119	119
	Total	1000 \$	18,569	83			25	9	134	18,820
Annual load management cost	Residential	1000 \$	3,610							3,610
	Commercial	1000 \$				13				13
	Industrial	1000 \$	909							909
	Transportation	1000 \$								
	Total	1000 \$	4,519			13				4,532
Annual incentive payment energy efficiency	Residential	1000 \$	8,547	17			34		5	8,603
	Commercial	1000 \$	10,558						27	10,585
	Industrial	1000 \$	1,906						13	1,919
	Transportation	1000 \$								
	Total	1000 \$	21,011	17			34		45	21,107
Incentive payments incurred for load management programs	Residential	1000 \$	2,183							2,183
	Commercial	1000 \$				143				143
	Industrial	1000 \$	1,158							1,158
	Transportation	1000 \$								
	Total	1000 \$	3,341			143				3,484
Costs from other programs	Residential	1000 \$		10					6	16
	Commercial	1000 \$				13				13
	Industrial	1000 \$								
	Transportation	1000 \$								
	Total	1000 \$		10	13				6	29
Sum of cost categories	Residential	1000 \$	24,374	110			59	9	26	24,578
	Commercial	1000 \$	14,512			169			27	14,708
	Industrial	1000 \$	8,554						13	8,567
	Transportation	1000 \$							119	119
	Total	1000 \$	47,440	110	169		59	9	185	47,972
Consumers in incentive-based DSM programs	Residential	# of customers	114,079							114,079
	Commercial	# of customers								
	Industrial	# of customers	189							189
	Transportation	# of customers								
	Total	# of customers	114,268							114,268
Consumers in time-based DSM programs	Residential	# of customers	259,464							259,464
	Commercial	# of customers	1,025							1,025
	Industrial	# of customers	191							191
	Transportation	# of customers								
	Total	# of customers	260,680							260,680

Source: [Form EIA-861](#)

Table 6.5e Demand-Side Management and Energy Efficiency Metrics for Utah, 2011

Category	Sector	Units	PacifiCorp	Utah Municipal Power Agency	Dixie Escalante R E A, Inc	Empire Electric Assn, Inc	Utah Associated Mun Power Sys	Payson City Corporation	Totals	
			Investor owned	Municipal mktg authority	Cooperative	Cooperative	Political subdivision	Municipal		
Incremental energy efficiency energy effects	Residential	MWh	123,104	184					123,288	
	Commercial	MWh	58,188	666					58,854	
	Industrial	MWh	63,166						63,166	
	Transportation	MWh								
	Total	MWh	244,458	850					245,308	
Annual energy efficiency energy effects	Residential	MWh	607,760	620			1	299	519	609,199
	Commercial	MWh	454,608	15,516			2		2	470,126
	Industrial	MWh	659,177				2		2	659,179
	Transportation	MWh	0							
	Total	MWh	1,721,545	16,136			5	299	519	1,738,504
Incremental energy efficiency actual peak reduction	Residential	MW	26						26	
	Commercial	MW	13	1					14	
	Industrial	MW	14						14	
	Transportation	MW								
	Total	MW	53	1					54	
Annual energy efficiency actual peak reduction	Residential	MW	130						130	
	Commercial	MW	98	8					106	
	Industrial	MW	142						142	
	Transportation	MW								
	Total	MW	370	8					378	
Incremental load management potential peak reduction	Residential	MW	50						50	
	Commercial	MW			1				1	
	Industrial	MW	120						120	
	Transportation	MW								
	Total	MW	170		1				171	
Annual load management potential peak reduction	Residential	MW								
	Commercial	MW			4				4	
	Industrial	MW								
	Transportation	MW								
	Total	MW			4				4	
Incremental load management actual peak reduction	Residential	MW	118						118	
	Commercial	MW			1				1	
	Industrial	MW	49						49	
	Transportation	MW								
	Total	MW	167		1				168	
Annual load management actual peak reduction	Residential	MW								
	Commercial	MW			4				4	
	Industrial	MW								
	Transportation	MW								
	Total	MW			4				4	
Annual energy efficiency cost	Residential	1000 \$	9,841	73				45	9,959	
	Commercial	1000 \$	3,399						3,399	
	Industrial	1000 \$	1,978						1,978	
	Transportation	1000 \$								
	Total	1000 \$	15,218	73				45	15,336	
Annual load management cost	Residential	1000 \$	4,332						4,332	
	Commercial	1000 \$	30		5				35	
	Industrial	1000 \$	1,183						1,183	
	Transportation	1000 \$								
	Total	1000 \$	5,545		5				5,550	
Annual incentive payment energy efficiency	Residential	1000 \$	9,468	19				56	9,543	
	Commercial	1000 \$	6,026						6,026	
	Industrial	1000 \$	6,354						6,354	
	Transportation	1000 \$								
	Total	1000 \$	21,848	19				56	21,923	
Incentive payments incurred for load management programs	Residential	1000 \$	2,167						2,167	
	Commercial	1000 \$			105				105	
	Industrial	1000 \$	1,330						1,330	
	Transportation	1000 \$								
	Total	1000 \$	3,497		105				3,602	
Costs from other programs	Residential	1000 \$		1					1	
	Commercial	1000 \$			5				5	
	Industrial	1000 \$								
	Transportation	1000 \$								
	Total	1000 \$		1	5				6	
Sum of cost categories	Residential	1000 \$	25,808	93				101	26,002	
	Commercial	1000 \$	9,455		115				9,570	
	Industrial	1000 \$	10,845						10,845	
	Transportation	1000 \$								
	Total	1000 \$	46,108	93	115			101	46,417	
Consumers in incentive-based DSM programs	Residential	# of customers	114,706						114,706	
	Commercial	# of customers								
	Industrial	# of customers	230						230	
	Transportation	# of customers								
	Total	# of customers	114,936						114,936	
Consumers in time-based DSM programs	Residential	# of customers	343,515				4		343,519	
	Commercial	# of customers	989						989	
	Industrial	# of customers	167						167	
	Transportation	# of customers								
	Total	# of customers	344,671				4		344,675	

Source: [Form EIA-861](#)

Table 6.5f Demand-Side Management and Energy Efficiency Metrics for Utah, 2010

Category	Sector	Units	PacifiCorp	Utah Municipal Power Agency	Dixie Escalante R E A, Inc	Empire Electric Assn, Inc	Utah Associated Mun Power Sys	Totals
			Investor owned	Municipal mktg authority	Cooperative	Cooperative	Political subdivision	
Incremental energy efficiency energy effects	Residential	MWh	90,493	2				90,496
	Commercial	MWh	53,301	731				54,034
	Industrial	MWh	57,745				2	57,747
	Transportation	MWh						
	Total	MWh	201,539	733				202,272
Annual energy efficiency energy effects	Residential	MWh	484,656	436			1 841	485,934
	Commercial	MWh	396,421	14,850				411,273
	Industrial	MWh	596,011				2	596,013
	Transportation	MWh						
	Total	MWh	1,477,088	15,286				1,493,215
Incremental energy efficiency actual peak reduction	Residential	MW	19					19
	Commercial	MW	11	1				12
	Industrial	MW	12					12
	Transportation	MW						
	Total	MW	43	1				44
Annual energy efficiency actual peak reduction	Residential	MW	104					104
	Commercial	MW	85	7				92
	Industrial	MW	128					128
	Transportation	MW						
	Total	MW	317	7				324
Incremental load management potential peak reduction	Residential	MW	328					328
	Commercial	MW	41		1			42
	Industrial	MW	115					115
	Transportation	MW	0					
	Total	MW	484		1			485
Annual load management potential peak reduction	Residential	MW						
	Commercial	MW			8			8
	Industrial	MW						
	Transportation	MW						
	Total	MW			8			8
Incremental load management actual peak reduction	Residential	MW	110					110
	Commercial	MW			1			1
	Industrial	MW	49					49
	Transportation	MW						
	Total	MW	159		1			160
Annual load management actual peak reduction	Residential	MW						
	Commercial	MW			8			8
	Industrial	MW						
	Transportation	MW						
	Total	MW			8			8
Annual energy efficiency cost	Residential	1000 \$	9,681	835			1 82	10,599
	Commercial	1000 \$	3,932					3,932
	Industrial	1000 \$	2,024					2,024
	Transportation	1000 \$	0					
	Total	1000 \$	15,637	835			1 82	16,555
Annual load management cost	Residential	1000 \$	2,897					2,897
	Commercial	1000 \$			7			7
	Industrial	1000 \$	1,191					1,191
	Transportation	1000 \$						
	Total	1000 \$	4,088		7			4,095
Annual incentive payment energy efficiency	Residential	1000 \$	15,413				5 213	15,631
	Commercial	1000 \$	5,267					5,267
	Industrial	1000 \$	5,703					5,703
	Transportation	1000 \$						
	Total	1000 \$	26,383				5 213	26,601
Incentive payments incurred for load management programs	Residential	1000 \$	1,939					1,939
	Commercial	1000 \$			131			131
	Industrial	1000 \$						
	Transportation	1000 \$						
	Total	1000 \$	1,939		131			2,070
Costs from other programs	Residential	1000 \$		10				12
	Commercial	1000 \$			11			11
	Industrial	1000 \$						
	Transportation	1000 \$						
	Total	1000 \$		10	11		2	23
Sum of cost categories	Residential	1000 \$	29,930	845				31,078
	Commercial	1000 \$	9,199		149		295	9,348
	Industrial	1000 \$	8,918					8,918
	Transportation	1000 \$						
	Total	1000 \$	48,047	845	149	8	295	49,344
Consumers in incentive-based DSM programs	Residential	# of customers	104,921					104,921
	Commercial	# of customers						
	Industrial	# of customers	216					216
	Transportation	# of customers						
	Total	# of customers	105,137					105,137
Consumers in time-based DSM programs	Residential	# of customers	351				4	355
	Commercial	# of customers	1,984					1,984
	Industrial	# of customers	762					762
	Transportation	# of customers						
	Total	# of customers	3,097				4	3,101

Source: [Form EIA-861](#)