

**Comparison of kWhs
by Month Between Two Years**

Site	October 2016	October 2017	Percentage of kWh Saved Between 2016 & 2017	Percentage of kWh Savings School Y-T-D
Akimel A-al/Estrella	206,789	173,149	16.3%	-15.5%
Altadena/Cerritos	192,124	174,647	9.1%	-12.6%
Aprende/Brisas	214,115	192,178	10.2%	-12.2%
BFEC	95,580	85,242	10.8%	-8.8%
Centennial	96,143	102,360	-6.5%	-17.3%
Cielo	54,416	42,035	22.8%	-12.9%
Colina	40,881	31,837	22.1%	5.0%
Esperanza	54,197	38,537	28.9%	-22.1%
KMS	149,888	88,303	41.1%	-30.4%
Lagos	43,802	32,644	25.5%	-22.9%
Lomas	62,045	56,720	8.6%	-15.2%
Manitas	54,811	48,353	11.8%	-27.0%
Mariposa	57,112	45,425	20.5%	-25.7%
Milenio	46,621	41,993	9.9%	-10.3%
Mirada	53,021	42,518	19.8%	-22.7%
Monte Vista	56,818	44,620	21.5%	-6.6%
Ninos	34,945	41,787	-19.6%	-14.0%
Norte	88,602	46,967	47.0%	-23.7%
Paloma	34,945	25,924	25.8%	0.6%
Pueblo	88,602	72,387	18.3%	-9.4%
Sierra	39,530	32,446	17.9%	-7.6%
Sureno	39,866	31,006	22.2%	-115.8%
Waggoner	45,766	77,905	-70.2%	39.4%
Totals:	1,850,619	1,568,983		

• The number in red shows an increase, green shows a decrease in kWh usage

Month	District Wide Usage 2016/2017	District Wide Usage 2017/2018	kWhs Saved
July	1,614,997	1,606,818	8,179
August	2,764,255	2,468,487	295,768
September	2,111,988	2,356,737	-244,749
October	1,850,619	1,568,983	281,636
November	1,712,849		
December	1,321,090		
January			
February			
March			
April			
May			
June			
Totals:	11,375,798	8,001,025	340,834

Akimel (151,260 sq/ft) / Estrella (89,092 sq/ft)

2016	%	2017	Monthly kWh Savings
120,227	-9.5%	131,661	-11,434
160,809	-0.8%	162,066	-1,257
154,267	-9.1%	168,376	-14,109
174,044	-7.6%	187,289	-13,245
196,497	-1.1%	198,754	-2,257
136,673	6.4%	127,887	8,786
173,273	43.4%	98,145	75,128
262,152	6.9%	244,179	17,973
224,179	-1.9%	228,519	-4,340
206,789	16.3%	173,149	33,640
193,602			
151,658			
2,154,170		1,720,025	88,885

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Altadena (169,260 sq/ft) / Cerritos (77,955 sq/ft)

2016	%	2017	Monthly kWh Savings
131,591	-2.7%	135,092	-3,501
146,897	-11.3%	163,559	-16,662
140,373	-22.5%	171,942	-31,569
160,111	-11.8%	178,980	-18,869
181,960	-4.0%	189,176	-7,216
106,003	-34.2%	142,236	-36,233
188,366	7.2%	174,791	13,575
256,685	-1.9%	261,595	-4,910
225,023	-12.9%	254,107	-29,084
192,124	9.1%	174,647	17,477
169,234			
156,932			
2,055,299		1,846,125	-116,992

Aprende (163,205 sq/ft) / Brisas (82,361 sq/ft)

2016	%	2017	Monthly kWh Savings
135,493	0.7%	134,582	911
174,127	-4.6%	182,222	-8,095
154,959	-12.1%	173,769	-18,810
174,615	-4.8%	183,023	-8,408
216,580	2.9%	210,349	6,231
173,437	-9.0%	189,066	-15,629
193,615	-12.7%	218,150	-24,535
295,513	6.0%	277,665	17,848
257,960	4.6%	246,010	11,950
214,115	10.2%	192,178	21,937
214,275			
117,757			
2,322,446		2,007,014	-16,600

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BFEC (136,069 sq/ft)

2016	%	2017	Monthly kWh Savings
58,785	10.0%	52,918	5,867
68,793	4.3%	65,855	2,938
60,757	-12.6%	68,436	-7,679
72,025	-6.6%	76,794	-4,769
86,922	-1.4%	88,100	-1,178
90,885	10.3%	81,483	9,402
110,237	9.4%	99,857	10,380
121,742	9.1%	110,667	11,075
97,301	-7.8%	104,919	-7,618
95,580	10.8%	85,242	10,338
85,587			
70,739			
1,019,353		834,271	28,756

Centennial (141,988 sq/ft)

2016	%	2017	Monthly kWh Savings
58,302	-14.4%	66,679	-8,377
65,177	-13.0%	73,681	-8,504
62,949	-18.3%	74,450	-11,501
71,339	-28.8%	91,913	-20,574
89,998	-20.4%	108,364	-18,366
77,459	-25.8%	97,454	-19,995
107,030	-9.4%	117,040	-10,010
214,322	27.8%	154,706	59,616
120,867	-21.9%	147,303	-26,436
96,143	-6.5%	102,360	-6,217
96,411			
68,262			
1,128,259		1,033,950	-70,364

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Cielo (87,429 sq/ft)

2016	%	2017	Monthly kWh Savings
35,376	-2.9%	36,417	-1,041
38,836	-13.8%	44,200	-5,364
30,907	-21.4%	37,531	-6,624
35,887	-18.3%	42,468	-6,581
46,706	-7.0%	49,983	-3,277
25,123	-18.0%	29,636	-4,513
33,415	-33.8%	44,709	-11,294
91,228	24.8%	68,574	22,654
61,117	-7.6%	65,762	-4,645
54,416	22.8%	42,035	12,381
51,586			
40,983			
545,580		461,315	-8,304

Colina (68,014 sq/ft)

2016	%	2017	Monthly kWh Savings
28,535	-4.4%	29,779	-1,244
30,687	-13.0%	34,691	-4,004
21,727	-39.1%	30,226	-8,499

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Esperanza (81,792 sq/ft)

2016	%	2017	Monthly kWh Savings
30,415	-18.2%	35,937	-5,522
33,503	-31.4%	44,036	-10,533
25,218	-59.1%	40,129	-14,911

27,685	-6.0%	29,358	-1,673
34,682	-1.2%	35,097	-415
0	#DIV/0!	39,098	-39,098
1,315	-3853.6%	51,990	-50,675
72,308	25.5%	53,874	18,434
51,460	-8.5%	55,835	-4,375
40,881	22.1%	31,837	9,044
37,119			
29,776			
376,175		391,785	-82,505

APR	35,884	-9.8%	39,418	-3,534
MAY	44,005	-6.3%	46,769	-2,764
JUN	31,935	-7.1%	34,211	-2,276
JUL	56,426	12.3%	49,480	6,946
AUG	71,953	9.0%	65,470	6,483
SEP	60,267	-6.9%	64,444	-4,177
OCT	54,197	28.9%	38,537	15,660
NOV	48,262			
DEC	37,075			
	529,140		458,431	-14,628

Kyrene Middle School (164,153 sq/ft)

2016	%	2017	Monthly kWh Savings
65,129	-10.9%	72,217	-7,088
94,415	1.8%	92,700	1,715
93,954	-5.9%	99,512	-5,558
102,247	-14.6%	117,194	-14,947
134,370	-6.6%	143,253	-8,883
126,764	59.9%	50,808	75,956
177,825	36.9%	112,180	65,645
224,184	13.7%	193,419	30,765
170,532	-0.3%	171,031	-499
149,888	41.1%	88,303	61,585
129,905			
90,174			
1,559,387		1,140,617	198,691

Lagos (65,627 sq/ft)

	2016	%	2017	Monthly kWh Savings
JAN	25,201	-17.3%	29,567	-4,366
FEB	28,467	-21.9%	34,702	-6,235
MAR	21,848	-35.9%	29,702	-7,854
APR	31,764	-0.8%	32,022	-258
MAY	37,054	-0.8%	37,337	-283
JUN	27,639	28.0%	19,905	7,734
JUL	40,993	40.6%	24,341	16,652
AUG	69,659	21.8%	54,487	15,172
SEP	52,724	-3.3%	54,461	-1,737
OCT	43,802	25.5%	32,644	11,158
NOV	38,598			
DEC	30,319			
	448,068		349,168	29,983

Lomas (88,756 sq/ft)

2016	%	2017	Monthly kWh Savings
47,917	-12.9%	54,092	-6,175
47,011	-17.0%	54,984	-7,973
47,128	27.8%	34,007	13,121
49,750	-13.6%	56,513	-6,763
55,452	-15.6%	64,116	-8,664
39,056	-37.1%	53,542	-14,486
73,505	6.0%	69,122	4,383
87,700	-2.9%	90,260	-2,560
75,866	-7.8%	81,777	-5,911
62,045	8.6%	56,720	5,325
64,020			
53,407			
702,857		615,133	-29,703

Manitas (91,204 sq/ft)

	2016	%	2017	Monthly kWh Savings
JAN	32,641	-11.0%	36,233	-3,592
FEB	38,738	-9.5%	42,419	-3,681
MAR	28,975	-54.2%	44,689	-15,714
APR	39,286	-6.0%	41,641	-2,355
MAY	45,049	-4.1%	46,890	-1,841
JUN	28,020	-23.5%	34,605	-6,585
JUL	45,409	42.3%	26,187	19,222
AUG	92,765	33.8%	61,408	31,357
SEP	59,179	-9.6%	64,852	-5,673
OCT	54,811	11.8%	48,353	6,458
NOV	51,371			
DEC	39,986			
	556,230		447,277	17,956

Mariposa (58,618 sq/ft)

2016	%	2017	Monthly kWh Savings
26,300	-6.7%	28,059	-1,759
33,556	-14.8%	38,525	-4,969
26,908	-26.4%	34,007	-7,099
31,711	-19.4%	37,868	-6,157
40,038	-10.0%	44,061	-4,023
28,941	2.3%	28,267	674
40,844	-1.9%	41,612	-768
88,553	29.8%	62,134	26,419
54,474	-6.2%	57,847	-3,373
47,445	4.3%	45,425	2,020

Milenio (88,025 sq/ft)

	2016	%	2017	Monthly kWh Savings
JAN	33,812	-4.0%	35,149	-1,337
FEB	35,576	-22.7%	43,636	-8,060
MAR	33,640	-8.6%	36,541	-2,901
APR	39,934	7.0%	37,139	2,795
MAY	44,506	3.2%	43,085	1,421
JUN	24,625	-52.5%	37,562	-12,937
JUL	47,065	-1.8%	47,925	-860
AUG	64,515	11.0%	57,399	7,116
SEP	57,304	-2.0%	58,449	-1,145
OCT	50,036	16.1%	41,993	8,043

45,676			
34,062			
498,508		417,805	965

NOV	45,576			
DEC	36,763			
	513,352		438,878	-7,865

Mirada (81,188 sq/ft)

2016	%	2017	Monthly kWh Savings
36,997	1.0%	36,620	377
39,654	-3.8%	41,149	-1,495
27,714	-35.7%	37,603	-9,889
34,882	-9.2%	38,089	-3,207
41,515	-2.7%	42,638	-1,123
23,114	-44.1%	33,304	-10,190
43,403	-11.2%	48,263	-4,860
91,960	33.8%	60,871	31,089
62,946	2.9%	61,152	1,794
57,112	25.6%	42,518	14,594
48,302			
38,083			
545,682		442,207	17,090

Monte Vista (76,669 sq/ft)

2016	%	2017	Monthly kWh Savings	
JAN	31,777	-10.4%	35,094	-3,317
FEB	34,447	-16.2%	40,040	-5,593
MAR	26,970	-23.7%	33,367	-6,397
APR	32,799	-3.7%	34,016	-1,217
MAY	35,471	-13.2%	40,153	-4,682
JUN	23,260	27.9%	16,769	6,491
JUL	36,365	-18.4%	43,072	-6,707
AUG	72,500	16.3%	60,664	11,836
SEP	55,267	-7.9%	59,634	-4,367
OCT	46,621	4.3%	44,620	2,001
NOV	42,267			
DEC	35,185			
	472,929		407,429	-11,952

Ninos (83,723 sq/ft)

2016	%	2017	Monthly kWh Savings
31,304	-21.4%	38,016	-6,712
38,302	-6.8%	40,915	-2,613
28,088	-26.0%	35,383	-7,295
33,689	-16.6%	39,296	-5,607
42,671	-7.6%	45,930	-3,259
33,961	-2.4%	34,762	-801
54,538	-0.4%	54,765	-227
90,913	23.7%	69,350	21,563
57,513	-11.2%	63,930	-6,417
53,021	21.2%	41,787	11,234
47,245			
36,669			
547,914		464,134	-134

Norte (88,145 sq/ft)

2016	%	2017	Monthly kWh Savings	
JAN	33,557	-19.1%	39,964	-6,407
FEB	34,420	-28.2%	44,114	-9,694
MAR	27,763	-66.9%	46,347	-18,584
APR	37,438	-21.5%	45,475	-8,037
MAY	41,700	-22.6%	51,135	-9,435
JUN	33,534	-42.7%	47,852	-14,318
JUL	58,834	-10.1%	64,764	-5,930
AUG	93,621	20.8%	74,149	19,472
SEP	65,107	-9.5%	71,267	-6,160
OCT	56,818	17.3%	46,967	9,851
NOV	50,608			
DEC	41,523			
	574,923		532,034	-49,242

Paloma (66,205 sq/ft)

2016	%	2017	Monthly kWh Savings
24,275	-23.9%	30,069	-5,794
27,097	-9.8%	29,748	-2,651
18,929	-45.4%	27,527	-8,598
24,623	-13.5%	27,935	-3,312
28,471	-7.8%	30,684	-2,213
0	#DIV/0!	16,723	-16,723
4,012	-540.9%	25,712	-21,700
68,414	37.8%	42,582	25,832
43,216	-8.7%	46,991	-3,775
34,945	25.8%	25,924	9,021
33,040			
27,115			
334,137		303,895	-29,913

Pueblo (125,364 sq/ft)

2016	%	2017	Monthly kWh Savings	
JAN	62,333	5.7%	58,756	3,577
FEB	77,618	-6.4%	82,548	-4,930
MAR	64,345	-4.1%	66,978	-2,633
APR	69,981	1.4%	69,007	974
MAY	93,828	9.1%	85,303	8,525
JUN	23,521	-119.4%	51,602	-28,081
JUL	48,008	-67.2%	80,279	-32,271
AUG	159,389	24.9%	119,626	39,763
SEP	118,833	2.9%	115,359	3,474
OCT	88,602	18.3%	72,387	16,215
NOV	87,813			
DEC	73,107			
	967,378		801,845	4,613

Sierra (76,681 sq/ft)

Sureno (65,995 sq/ft)

2016	%	2017	Monthly kWh Savings
26,226	-14.6%	30,061	-3,835
29,052	-25.7%	36,526	-7,474
27,186	-10.0%	29,911	-2,725
32,376	-19.5%	38,691	-6,315
37,021	-22.4%	45,316	-8,295
34,504	100.0%	0	34,504
45,871	35.1%	29,767	16,104
59,819	-21.0%	72,365	-12,546
50,884	-26.1%	64,145	-13,261
39,530	17.9%	32,446	7,084
44,070			
30,061			
456,600		379,228	3,241

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2016	%	2017	Monthly kWh Savings
23,744	-30.1%	30,882	-7,138
27,329	-9.1%	29,820	-2,491
21,167	-34.4%	28,454	-7,287
26,800	-5.8%	28,350	-1,550
29,253	-9.4%	31,997	-2,744
0	#DIV/0!	17,593	-17,593
4,139	-587.3%	28,449	-24,310
65,976	25.2%	49,335	16,641
45,171	-15.1%	52,006	-6,835
39,866	22.2%	31,006	8,860
35,334			
28,981			
347,760		327,892	-44,447

Waggoner (85,502 sq/ft)

2016	%	2017	Monthly kWh Savings
42,461	-12.5%	47,754	-5,293
52,998	-5.5%	55,890	-2,892
39,606	-19.0%	47,119	-7,513
43,526	-2.3%	44,530	-1,004
44,529	5.4%	42,139	2,390
21,957	13.5%	18,987	2,970
30,869	-78.9%	55,218	-24,349
48,384	-238.0%	163,518	-115,134
44,798	-270.6%	166,037	-121,239
45,766	-70.2%	77,905	-32,139
52,948			
52,473			
520,315		719,097	-304,203

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