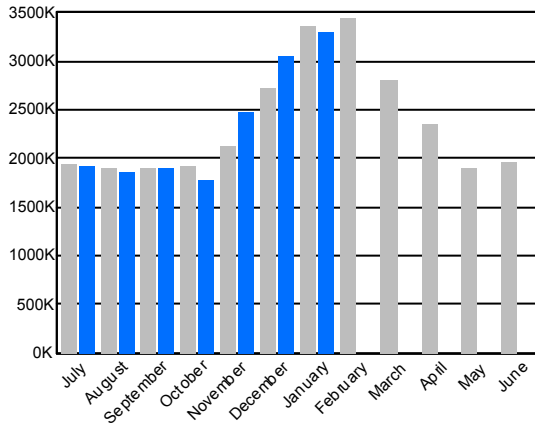




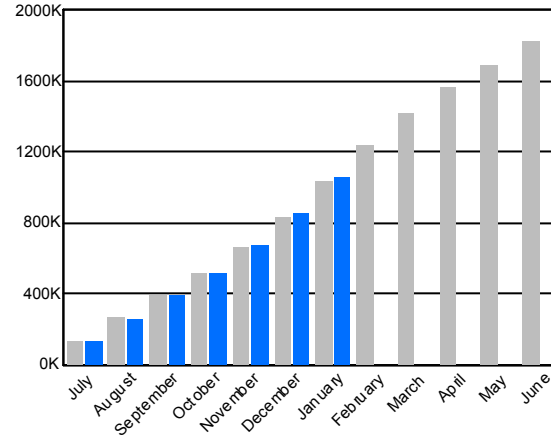
Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

January 2017

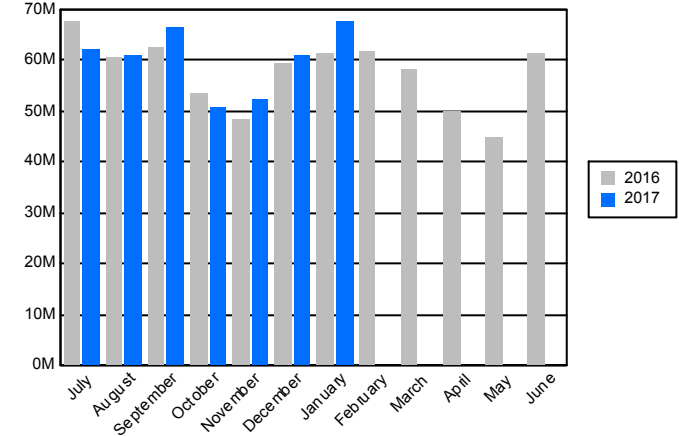
Citywide Energy Usage in Millions of BTUs



Citywide CO2e Emissions (FY Cumulative)

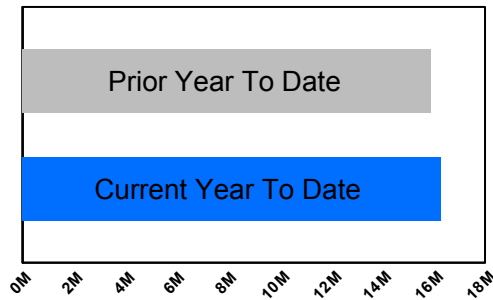


Citywide Cost

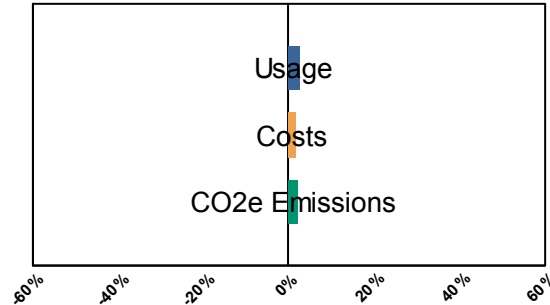


Current Year to Date compared to Prior Year to Date

Millions of BTUs



% Change



	Degree Days	
	Heating	Cooling
YTD Current FY	2,334	1,135
YTD Prior FY	1,965	1,194
January, 2017	829	0
January, 2016	940	0



Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

January 2017

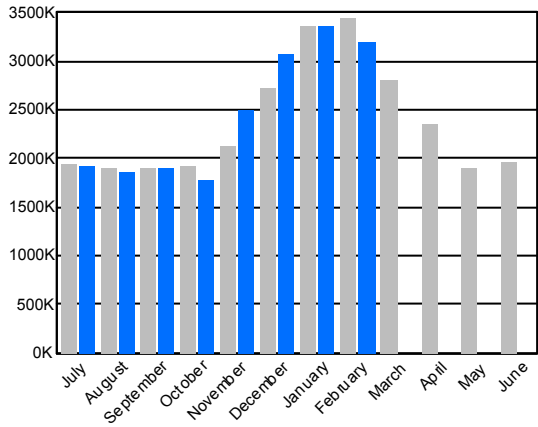
Year To Date	July	August	September	October	November	December	January	February	March	April	May	June	
Energy Usage													
Total Energy in Millions of BTUs													
FY 2017	16,289,651	1,920,578	1,855,464	1,901,201	1,785,543	2,473,352	3,051,801	3,301,712					
FY 2016	15,897,680	1,951,863	1,909,719	1,899,738	1,913,563	2,130,555	2,725,225	3,367,017	3,435,469	2,807,132	2,351,554	1,894,524	1,966,163
% Change	2.5%	-1.6%	-2.8%	0.1%	-6.7%	16.1%	12.0%	-1.9%					
Energy Usage By Energy Type													
Electric Demand (kw)													
FY 2017	6,101,485	970,446	941,340	991,726	887,931	784,457	769,114	756,471					
FY 2016	6,157,254	950,411	928,235	994,872	947,671	812,720	766,473	756,872	771,256	769,981	781,725	852,158	948,543
% Change	-0.9%	2.1%	1.4%	-0.3%	-6.3%	-3.5%	0.3%	-0.1%					
Electric consumption (kwh)													
FY 2017	2,574,351,775	387,371,380	389,312,131	411,470,075	338,778,707	359,806,967	342,871,524	344,740,991					
FY 2016	2,539,981,170	395,634,972	379,943,121	377,688,462	353,355,857	323,112,775	369,729,877	340,516,106	360,005,121	318,633,917	307,851,199	307,509,387	393,559,363
% Change	1.4%	-2.1%	2.5%	8.9%	-4.1%	11.4%	-7.3%	1.2%					
Natural gas (Therms)													
FY 2017	62,939,027	4,722,738	3,997,124	3,779,549	5,240,384	10,648,093	16,171,953	18,379,186					
FY 2016	60,441,594	4,676,235	4,735,431	4,847,715	5,859,935	8,682,715	12,671,933	18,967,630	19,008,307	15,050,249	11,466,346	7,131,145	5,033,344
% Change	4.1%	1.0%	-15.6%	-22.0%	-10.6%	22.6%	27.6%	-3.1%					
Steam (mlbs)													
FY 2017	1,082,624	112,968	113,705	106,428	94,213	161,587	236,654	257,069					
FY 2016	1,060,317	119,889	124,805	112,709	108,815	142,770	175,570	275,759	273,851	192,099	138,047	118,047	107,065
% Change	2.1%	-5.8%	-8.9%	-5.6%	-13.4%	13.2%	34.8%	-6.8%					
Energy Cost													
Total Cost													
FY 2017	\$421,144,408	\$62,210,103	\$60,837,766	\$66,542,319	\$50,760,009	\$52,184,110	\$60,977,632	\$67,632,470					
FY 2016	\$413,649,057	\$67,810,060	\$60,733,290	\$62,441,897	\$53,625,079	\$48,222,895	\$59,559,437	\$61,256,399	\$61,923,897	\$58,210,670	\$49,980,926	\$45,022,500	\$61,168,205
% Change	1.8%	-8.3%	0.2%	6.6%	-5.3%	8.2%	2.4%	10.4%					
Energy Cost By Energy Type													
Electricity													
FY 2017	\$350,071,324	\$57,581,808	\$56,460,346	\$62,401,903	\$45,796,493	\$40,410,561	\$42,863,233	\$44,556,980					
FY 2016	\$347,533,622	\$62,820,091	\$56,101,296	\$57,811,066	\$48,283,558	\$38,120,560	\$44,492,361	\$39,904,689	\$40,106,000	\$41,156,183	\$38,405,820	\$38,625,831	\$56,328,570
% Change	0.7%	-8.3%	0.6%	7.9%	-5.2%	6.0%	-3.7%	11.7%					
Natural Gas													
FY 2017	\$43,437,171	\$2,996,558	\$2,467,799	\$2,375,871	\$3,263,813	\$6,594,697	\$11,160,575	\$14,577,858					
FY 2016	\$41,537,214	\$3,211,198	\$2,789,407	\$2,931,477	\$3,585,330	\$5,860,334	\$9,774,222	\$13,385,246	\$13,225,303	\$10,620,820	\$7,134,260	\$4,336,727	\$3,162,848
% Change	4.6%	-6.7%	-11.5%	-19.0%	-9.0%	12.5%	14.2%	8.9%					
Steam													
FY 2017	\$27,635,914	\$1,631,737	\$1,909,621	\$1,764,544	\$1,699,703	\$5,178,853	\$6,953,823	\$8,497,633					
FY 2016	\$24,578,221	\$1,778,771	\$1,842,586	\$1,699,354	\$1,756,191	\$4,242,002	\$5,292,854	\$7,966,463	\$8,592,595	\$6,433,667	\$4,440,847	\$2,059,941	\$1,676,787
% Change	12.4%	-8.3%	3.6%	3.8%	-3.2%	22.1%	31.4%	6.7%					



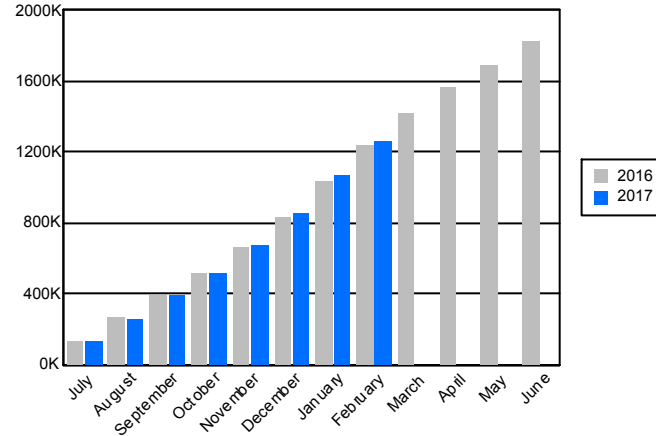
Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

February 2017

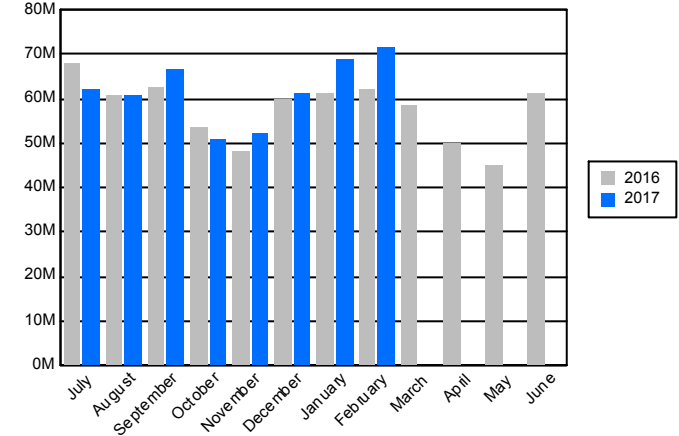
Citywide Energy Usage in Millions of BTUs



Citywide CO2e Emissions (FY Cumulative)

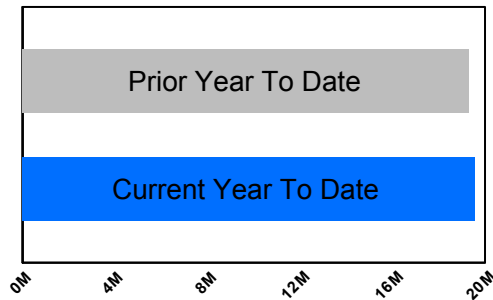


Citywide Cost

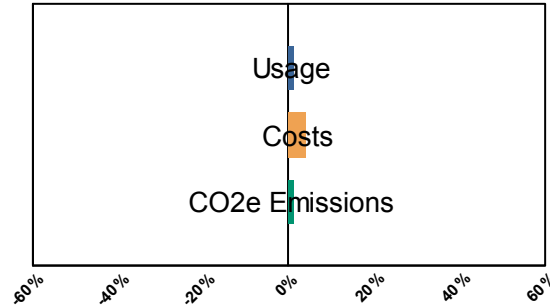


Current Year to Date compared to Prior Year to Date

Millions of BTUs



% Change



	Degree Days	
	Heating	Cooling
YTD Current FY	2,982	1,135
YTD Prior FY	2,750	1,194
February, 2017	648	0
February, 2016	785	0



Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

February 2017

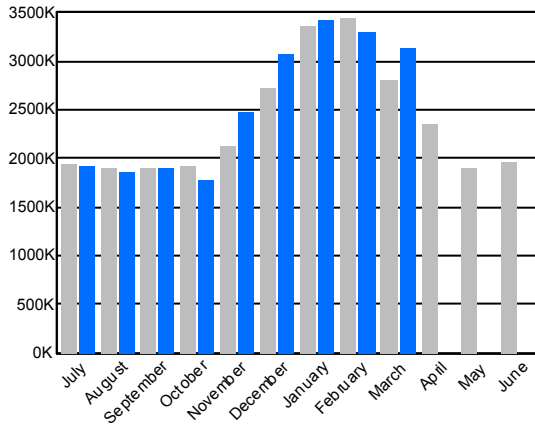
Year To Date	July	August	September	October	November	December	January	February	March	April	May	June
Energy Usage												
Total Energy in Millions of BTUs												
FY 2017	19,597,304	1,920,968	1,857,123	1,902,891	1,788,809	2,489,716	3,068,514	3,366,640	3,202,643			
FY 2016	19,334,683	1,952,124	1,910,044	1,899,990	1,913,863	2,130,872	2,725,574	3,367,380	3,434,837	2,807,381	2,351,855	1,894,906
% Change	1.4%	-1.6%	-2.8%	0.2%	-6.5%	16.8%	12.6%	0.0%	-6.8%			
Energy Usage By Energy Type												
Electric Demand (kw)												
FY 2017	6,856,168	970,692	941,761	992,609	888,367	784,866	769,694	757,725	750,454			
FY 2016	6,930,196	950,533	928,429	995,056	947,880	812,945	766,715	757,119	771,519	770,201	782,011	852,273
% Change	-1.1%	2.1%	1.4%	-0.2%	-6.3%	-3.5%	0.4%	0.1%	-2.7%			
Electric consumption (kwh)												
FY 2017	2,931,436,598	387,482,867	389,434,518	411,613,300	338,899,699	359,883,867	343,488,138	345,519,119	355,115,090			
FY 2016	2,900,831,576	395,711,371	380,038,490	377,762,235	353,443,836	323,205,565	369,832,122	340,622,387	360,215,570	318,718,106	307,947,566	307,605,511
% Change	1.1%	-2.1%	2.5%	9.0%	-4.1%	11.3%	-7.1%	1.4%	-1.4%			
Natural gas (Therms)												
FY 2017	81,498,657	4,722,836	4,009,538	3,791,553	5,268,911	10,809,104	16,307,496	19,001,908	17,587,311			
FY 2016	79,436,393	4,676,235	4,735,431	4,847,715	5,859,935	8,682,715	12,671,933	18,967,630	18,994,799	15,049,868	11,466,067	7,131,688
% Change	2.6%	1.0%	-15.3%	-21.8%	-10.1%	24.5%	28.7%	0.2%	-7.4%			
Steam (mlbs)												
FY 2017	1,291,148	112,968	113,705	106,428	94,213	161,587	237,598	257,069	207,580			
FY 2016	1,334,168	119,889	124,805	112,709	108,815	142,770	175,570	275,759	273,851	192,099	138,047	118,047
% Change	-3.2%	-5.8%	-8.9%	-5.6%	-13.4%	13.2%	35.3%	-6.8%	-24.2%			
Energy Cost												
Total Cost												
FY 2017	\$494,013,145	\$62,222,651	\$60,863,902	\$66,581,472	\$50,800,839	\$52,310,957	\$61,141,695	\$68,581,634	\$71,509,996			
FY 2016	\$475,648,589	\$67,818,086	\$60,743,399	\$62,450,780	\$53,634,340	\$48,232,730	\$59,571,592	\$61,268,294	\$61,929,369	\$58,221,542	\$49,993,028	\$45,030,884
% Change	3.9%	-8.3%	0.2%	6.6%	-5.3%	8.5%	2.6%	11.9%	15.5%			
Energy Cost By Energy Type												
Electricity												
FY 2017	\$398,958,126	\$57,594,369	\$56,477,335	\$62,432,221	\$45,817,841	\$40,436,282	\$42,913,716	\$44,648,818	\$48,637,544			
FY 2016	\$387,724,815	\$62,828,117	\$56,111,405	\$57,819,949	\$48,292,819	\$38,130,394	\$44,504,515	\$39,916,584	\$40,121,030	\$41,167,424	\$38,418,162	\$38,633,846
% Change	2.9%	-8.3%	0.7%	8.0%	-5.1%	6.0%	-3.6%	11.9%	21.2%			
Natural Gas												
FY 2017	\$59,636,295	\$2,996,544	\$2,476,946	\$2,384,707	\$3,283,295	\$6,695,822	\$11,256,451	\$15,100,190	\$15,442,339			
FY 2016	\$54,752,958	\$3,211,198	\$2,789,407	\$2,931,477	\$3,585,330	\$5,860,334	\$9,774,222	\$13,385,246	\$13,215,744	\$10,620,451	\$7,134,019	\$4,337,097
% Change	8.9%	-6.7%	-11.2%	-18.7%	-8.4%	14.3%	15.2%	12.8%	16.8%			
Steam												
FY 2017	\$35,418,725	\$1,631,737	\$1,909,621	\$1,764,544	\$1,699,703	\$5,178,853	\$6,971,528	\$8,832,626	\$7,430,113			
FY 2016	\$33,170,816	\$1,778,771	\$1,842,586	\$1,699,354	\$1,756,191	\$4,242,002	\$5,292,854	\$7,966,463	\$8,592,595	\$6,433,667	\$4,440,847	\$2,059,941
% Change	6.8%	-8.3%	3.6%	3.8%	-3.2%	22.1%	31.7%	10.9%	-13.5%			



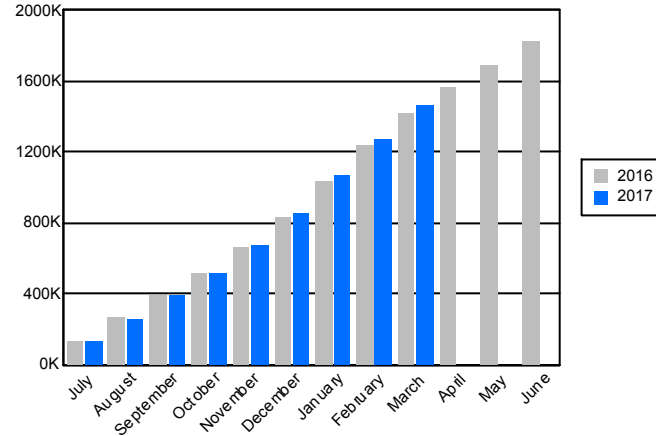
Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

March 2017

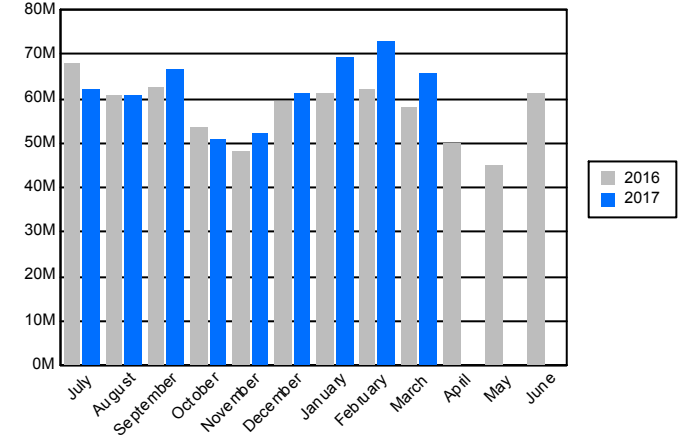
Citywide Energy Usage in Millions of BTUs



Citywide CO2e Emissions (FY Cumulative)

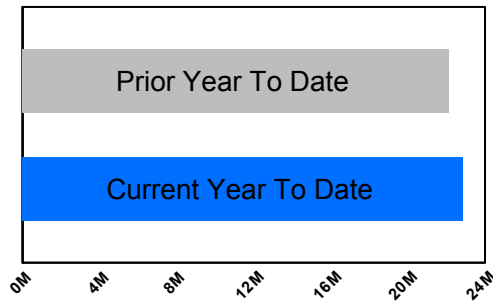


Citywide Cost

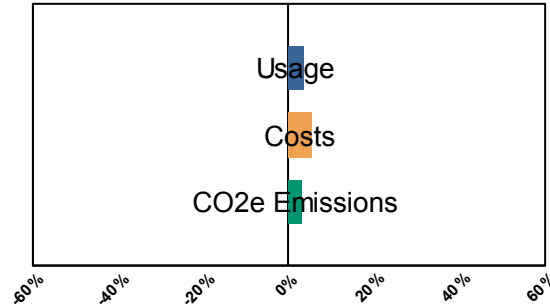


Current Year to Date compared to Prior Year to Date

Millions of BTUs



% Change



	Degree Days	
	Heating	Cooling
YTD Current FY	3,775	1,135
YTD Prior FY	3,248	1,200
March, 2017	793	0
March, 2016	498	6



Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

March 2017

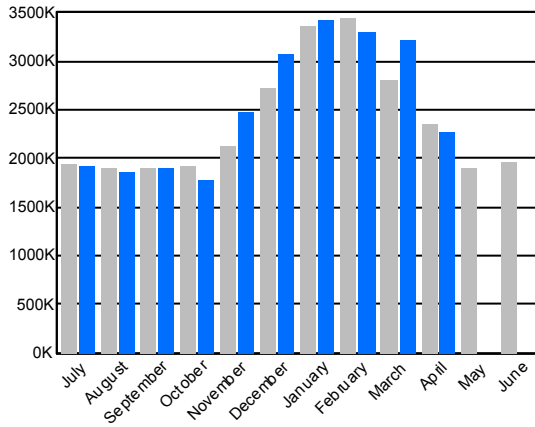
Year To Date	July	August	September	October	November	December	January	February	March	April	May	June	
Energy Usage													
Total Energy in Millions of BTUs													
FY 2017	22,879,738	1,920,620	1,857,375	1,902,321	1,788,860	2,487,058	3,073,756	3,424,578	3,298,419	3,126,751			
FY 2016	22,137,003	1,951,642	1,909,604	1,899,473	1,913,181	2,130,295	2,725,002	3,366,836	3,434,166	2,806,805	2,351,315	1,894,361	1,965,870
% Change	3.4%	-1.6%	-2.7%	0.1%	-6.5%	16.7%	12.8%	1.7%	-4.0%	11.4%			
Energy Usage By Energy Type													
Electric Demand (kw)													
FY 2017	7,598,950	970,183	941,197	991,977	887,385	784,116	769,141	756,700	753,885	744,366			
FY 2016	7,690,743	950,091	927,627	994,448	947,226	812,222	766,068	756,384	770,765	765,912	781,271	852,470	948,117
% Change	-1.2%	2.1%	1.5%	-0.2%	-6.3%	-3.5%	0.4%	0.0%	-2.2%	-2.8%			
Electric consumption (kwh)													
FY 2017	3,260,346,734	387,375,036	389,300,478	411,381,986	338,712,789	359,674,164	343,305,478	345,309,250	356,404,922	328,882,631			
FY 2016	3,218,047,119	395,570,169	379,909,507	377,610,750	353,243,854	323,036,443	369,659,148	340,458,396	360,014,045	318,544,807	307,790,952	307,450,088	393,485,488
% Change	1.3%	-2.1%	2.5%	8.9%	-4.1%	11.3%	-7.1%	1.4%	-1.0%	3.2%			
Natural gas (Therms)													
FY 2017	100,434,470	4,723,034	4,011,448	3,793,753	5,275,807	10,789,682	16,366,147	19,588,452	18,515,940	17,370,207			
FY 2016	94,486,936	4,676,235	4,735,431	4,847,715	5,859,935	8,682,715	12,672,116	18,967,792	18,994,972	15,050,025	11,466,011	7,131,543	5,032,935
% Change	6.3%	1.0%	-15.3%	-21.7%	-10.0%	24.3%	29.2%	3.3%	-2.5%	15.4%			
Steam (mlbs)													
FY 2017	1,529,501	112,968	114,169	106,428	94,213	161,587	237,598	257,069	206,247	239,222			
FY 2016	1,526,267	119,889	124,805	112,709	108,815	142,770	175,570	275,759	273,851	192,099	138,047	118,047	107,065
% Change	0.2%	-5.8%	-8.5%	-5.6%	-13.4%	13.2%	35.3%	-6.8%	-24.7%	24.5%			
Energy Cost													
Total Cost													
FY 2017	\$561,209,915	\$62,145,021	\$60,804,791	\$66,505,188	\$50,739,868	\$52,265,513	\$61,205,752	\$69,024,501	\$72,716,668	\$65,802,613			
FY 2016	\$533,345,472	\$67,766,827	\$60,680,675	\$62,395,377	\$53,596,804	\$48,207,775	\$59,544,301	\$61,230,624	\$61,892,377	\$58,030,713	\$49,965,024	\$44,995,239	\$61,106,257
% Change	5.2%	-8.3%	0.2%	6.6%	-5.3%	8.4%	2.8%	12.7%	17.5%	13.4%			
Energy Cost By Energy Type													
Electricity													
FY 2017	\$443,078,070	\$57,516,485	\$56,408,161	\$62,353,821	\$45,749,907	\$40,398,470	\$42,886,153	\$44,603,169	\$49,074,563	\$44,087,342			
FY 2016	\$428,367,072	\$62,776,895	\$56,048,722	\$57,764,584	\$48,255,323	\$38,105,480	\$44,477,011	\$39,878,769	\$40,083,875	\$40,976,412	\$38,390,211	\$38,598,377	\$56,266,975
% Change	3.4%	-8.4%	0.6%	7.9%	-5.2%	6.0%	-3.6%	11.8%	22.4%	7.6%			
Natural Gas													
FY 2017	\$74,263,499	\$2,996,799	\$2,478,606	\$2,386,823	\$3,290,258	\$6,688,190	\$11,348,071	\$15,588,706	\$16,262,350	\$13,223,694			
FY 2016	\$65,373,918	\$3,211,161	\$2,789,366	\$2,931,439	\$3,585,291	\$5,860,293	\$9,774,436	\$13,385,391	\$13,215,907	\$10,620,634	\$7,133,967	\$4,336,922	\$3,162,495
% Change	13.6%	-6.7%	-11.1%	-18.6%	-8.2%	14.1%	16.1%	16.5%	23.1%	24.5%			
Steam													
FY 2017	\$43,868,347	\$1,631,737	\$1,918,024	\$1,764,544	\$1,699,703	\$5,178,853	\$6,971,528	\$8,832,626	\$7,379,755	\$8,491,577			
FY 2016	\$39,604,483	\$1,778,771	\$1,842,586	\$1,699,354	\$1,756,191	\$4,242,002	\$5,292,854	\$7,966,463	\$8,592,595	\$6,433,667	\$4,440,847	\$2,059,941	\$1,676,787
% Change	10.8%	-8.3%	4.1%	3.8%	-3.2%	22.1%	31.7%	10.9%	-14.1%	32.0%			



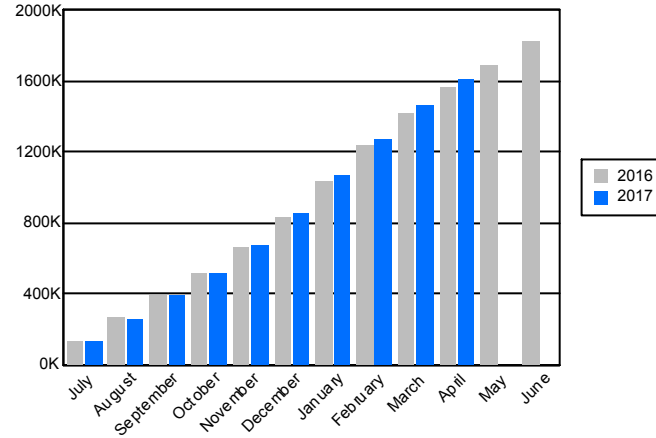
Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

April 2017

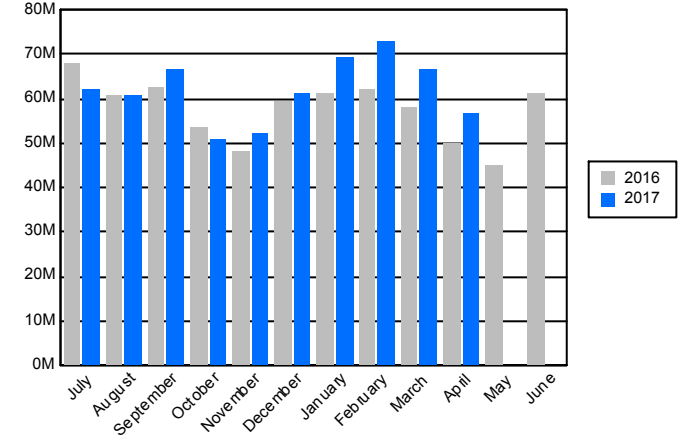
Citywide Energy Usage in Millions of BTUs



Citywide CO2e Emissions (FY Cumulative)

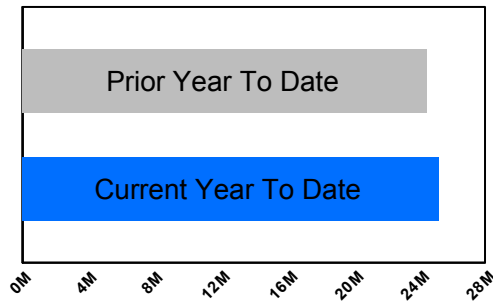


Citywide Cost

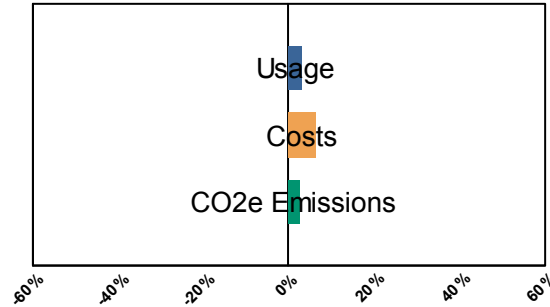


Current Year to Date compared to Prior Year to Date

Millions of BTUs



% Change



	Degree Days	
	Heating	Cooling
YTD Current FY	4,035	1,169
YTD Prior FY	3,603	1,213
April, 2017	260	34
April, 2016	355	13



Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

April 2017

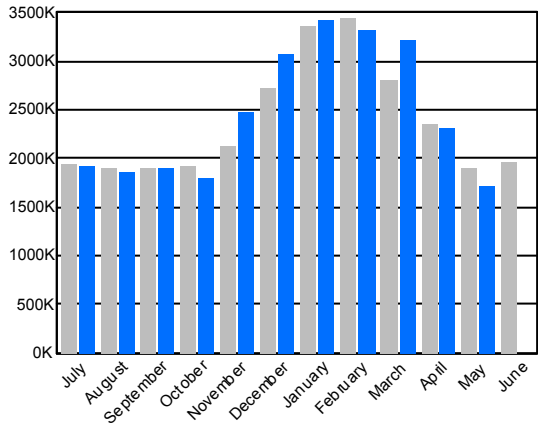
Year To Date	July	August	September	October	November	December	January	February	March	April	May	June
Energy Usage												
Total Energy in Millions of BTUs												
FY 2017	25,250,709	1,920,481	1,857,246	1,902,656	1,789,580	2,487,721	3,076,525	3,430,611	3,305,637	3,212,007	2,268,246	
FY 2016	24,487,693	1,951,585	1,909,501	1,899,395	1,913,149	2,130,232	2,724,911	3,366,811	3,434,152	2,806,703	2,351,253	1,894,264
% Change	3.1%	-1.6%	-2.7%	0.2%	-6.5%	16.8%	12.9%	1.9%	-3.7%	14.4%	-3.5%	1,965,950
Energy Usage By Energy Type												
Electric Demand (kw)												
FY 2017	8,357,226	970,511	941,668	992,632	888,109	784,943	770,005	756,740	756,280	746,632	749,706	
FY 2016	8,480,182	950,395	928,159	994,765	951,583	812,559	766,512	756,845	771,216	766,354	781,794	852,891
% Change	-1.4%	2.1%	1.5%	-0.2%	-6.7%	-3.4%	0.5%	0.0%	-1.9%	-2.6%	-4.1%	948,626
Electric consumption (kwh)												
FY 2017	3,568,378,643	387,328,143	389,258,640	411,453,952	338,922,879	359,883,210	343,531,635	345,520,157	357,128,057	328,936,339	306,415,631	
FY 2016	3,525,733,363	395,553,507	379,879,260	377,587,717	353,241,644	323,030,498	369,649,385	340,465,555	360,010,212	318,536,378	307,779,207	307,420,481
% Change	1.2%	-2.1%	2.5%	9.0%	-4.1%	11.4%	-7.1%	1.5%	-0.8%	3.3%	-0.4%	393,503,865
Natural gas (Therms)												
FY 2017	112,355,249	4,723,246	4,011,586	3,793,916	5,275,833	10,789,176	16,386,115	19,630,801	18,560,871	18,223,528	10,960,177	
FY 2016	105,950,267	4,676,235	4,735,431	4,847,717	5,859,695	8,682,296	12,671,543	18,967,300	18,994,959	15,049,295	11,465,796	7,131,577
% Change	6.0%	1.0%	-15.3%	-21.7%	-10.0%	24.3%	29.3%	3.5%	-2.3%	21.1%	-4.4%	5,033,101
Steam (mlbs)												
FY 2017	1,643,699	112,968	114,169	106,493	94,213	161,587	237,598	258,034	206,477	238,990	113,170	
FY 2016	1,664,314	119,889	124,805	112,709	108,815	142,770	175,570	275,759	273,851	192,099	138,047	118,047
% Change	-1.2%	-5.8%	-8.5%	-5.5%	-13.4%	13.2%	35.3%	-6.4%	-24.6%	24.4%	-18.0%	107,065
Energy Cost												
Total Cost												
FY 2017	\$619,264,077	\$62,164,970	\$60,827,407	\$66,544,054	\$50,775,364	\$52,308,966	\$61,265,732	\$69,108,660	\$72,885,961	\$66,586,594	\$56,796,369	
FY 2016	\$583,553,903	\$67,787,841	\$60,713,031	\$62,415,885	\$53,610,941	\$48,217,521	\$59,557,781	\$61,322,277	\$61,906,274	\$58,043,150	\$49,979,202	\$45,009,355
% Change	6.1%	-8.3%	0.2%	6.6%	-5.3%	8.5%	2.9%	12.7%	17.7%	14.7%	13.6%	\$61,133,955
Energy Cost By Energy Type												
Electricity												
FY 2017	\$487,111,037	\$57,536,181	\$56,430,636	\$62,391,017	\$45,785,360	\$40,442,107	\$42,929,149	\$44,632,157	\$49,192,342	\$44,213,695	\$43,558,392	
FY 2016	\$467,003,115	\$62,797,909	\$56,081,078	\$57,785,218	\$48,269,696	\$38,115,623	\$44,491,024	\$39,970,820	\$40,097,773	\$40,989,374	\$38,404,601	\$38,612,305
% Change	4.3%	-8.4%	0.6%	8.0%	-5.1%	6.1%	-3.5%	11.7%	22.7%	7.9%	13.4%	\$56,294,456
Natural Gas												
FY 2017	\$84,223,722	\$2,997,053	\$2,478,746	\$2,387,007	\$3,290,300	\$6,688,006	\$11,365,055	\$15,627,000	\$16,303,618	\$13,875,815	\$9,211,122	
FY 2016	\$72,505,458	\$3,211,161	\$2,789,366	\$2,931,313	\$3,585,055	\$5,859,896	\$9,773,903	\$13,384,994	\$13,215,906	\$10,620,109	\$7,133,755	\$4,337,109
% Change	16.2%	-6.7%	-11.1%	-18.6%	-8.2%	14.1%	16.3%	16.8%	23.4%	30.7%	29.1%	\$3,162,712
Steam												
FY 2017	\$47,929,318	\$1,631,737	\$1,918,024	\$1,766,031	\$1,699,703	\$5,178,853	\$6,971,528	\$8,849,503	\$7,390,001	\$8,497,084	\$4,026,855	
FY 2016	\$44,045,330	\$1,778,771	\$1,842,586	\$1,699,354	\$1,756,191	\$4,242,002	\$5,292,854	\$7,966,463	\$8,592,595	\$6,433,667	\$4,440,847	\$2,059,941
% Change	8.8%	-8.3%	4.1%	3.9%	-3.2%	22.1%	31.7%	11.1%	-14.0%	32.1%	-9.3%	\$1,676,787



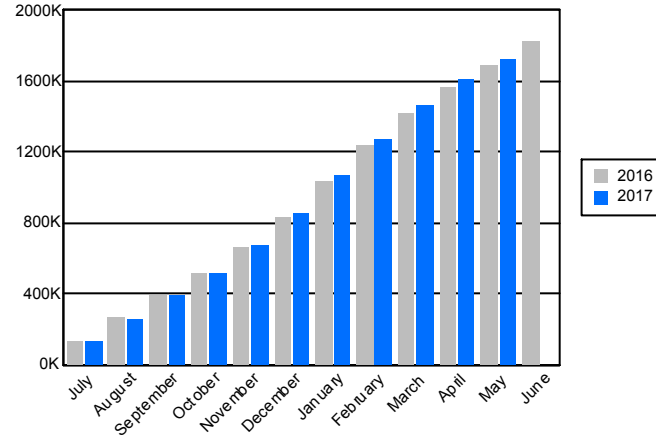
Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

May 2017

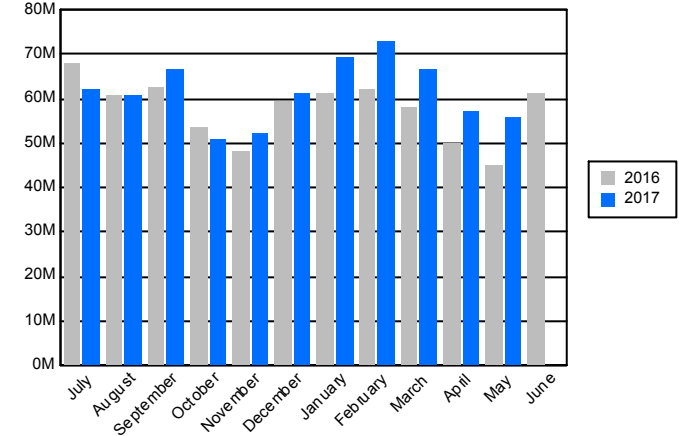
Citywide Energy Usage in Millions of BTUs



Citywide CO2e Emissions (FY Cumulative)

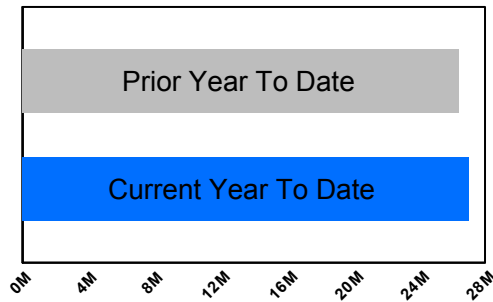


Citywide Cost

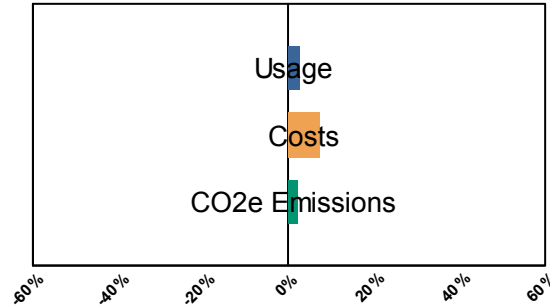


Current Year to Date compared to Prior Year to Date

Millions of BTUs



% Change



	Degree Days	
	Heating	Cooling
YTD Current FY	4,200	1,224
YTD Prior FY	3,762	1,313
May, 2017	165	55
May, 2016	159	100



Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

May 2017

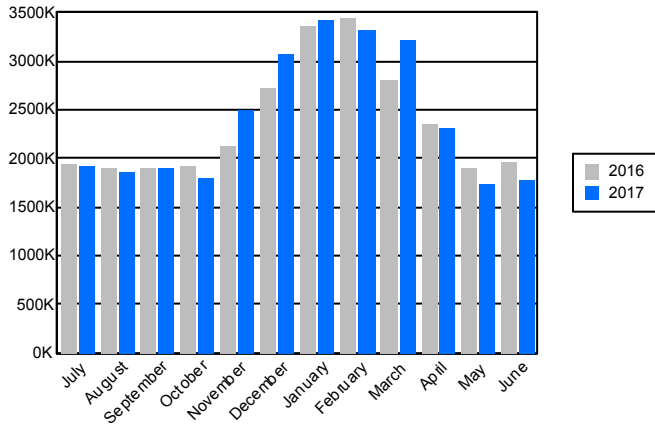
Year To Date	July	August	September	October	November	December	January	February	March	April	May	June	
Energy Usage													
Total Energy in Millions of BTUs													
FY 2017	27,011,225	1,920,305	1,857,092	1,902,596	1,789,660	2,487,709	3,075,402	3,429,644	3,312,999	3,211,154	2,308,235	1,716,429	
FY 2016	26,380,231	1,951,001	1,909,441	1,899,283	1,913,016	2,130,100	2,724,780	3,366,683	3,434,129	2,806,562	2,351,222	1,894,014	1,965,981
% Change	2.4%	-1.6%	-2.7%	0.2%	-6.4%	16.8%	12.9%	1.9%	-3.5%	14.4%	-1.8%	-9.4%	
Energy Usage By Energy Type													
Electric Demand (kw)													
FY 2017	9,283,609	970,611	941,766	992,711	888,130	785,053	770,240	757,126	756,569	747,566	753,302	920,535	
FY 2016	9,333,132	950,395	928,159	994,765	951,583	812,559	766,512	756,845	771,216	766,376	781,815	852,907	948,672
% Change	-0.5%	2.1%	1.5%	-0.2%	-6.7%	-3.4%	0.5%	0.0%	-1.9%	-2.5%	-3.6%	7.9%	
Electric consumption (kwh)													
FY 2017	3,881,620,674	387,301,183	389,232,880	411,472,112	339,029,356	359,999,851	343,565,884	345,646,670	357,235,069	329,172,068	307,063,790	311,901,811	
FY 2016	3,833,151,524	395,553,507	379,879,260	377,587,717	353,241,644	323,030,498	369,649,385	340,465,555	360,010,212	318,535,578	307,778,407	307,419,761	393,553,065
% Change	1.3%	-2.1%	2.5%	9.0%	-4.0%	11.4%	-7.1%	1.5%	-0.8%	3.3%	-0.2%	1.5%	
Natural gas (Therms)													
FY 2017	118,177,618	4,722,401	4,010,932	3,792,701	5,272,997	10,785,076	16,373,720	19,616,813	18,622,222	18,206,951	11,338,268	5,435,537	
FY 2016	113,064,665	4,670,394	4,734,835	4,846,600	5,858,360	8,680,967	12,670,236	18,966,019	18,994,728	15,047,910	11,465,511	7,129,105	5,031,734
% Change	4.5%	1.1%	-15.3%	-21.7%	-10.0%	24.2%	29.2%	3.4%	-2.0%	21.0%	-1.1%	-23.8%	
Steam (mlbs)													
FY 2017	1,741,431	112,968	114,169	106,493	94,213	161,587	237,598	258,034	207,248	238,990	113,142	96,989	
FY 2016	1,782,361	119,889	124,805	112,709	108,815	142,770	175,570	275,759	273,851	192,099	138,047	118,047	107,065
% Change	-2.3%	-5.8%	-8.5%	-5.5%	-13.4%	13.2%	35.3%	-6.4%	-24.3%	24.4%	-18.0%	-17.8%	
Energy Cost													
Total Cost													
FY 2017	\$675,371,496	\$62,166,740	\$60,829,378	\$66,546,541	\$50,777,717	\$52,312,310	\$61,269,730	\$69,194,377	\$72,973,028	\$66,629,865	\$57,125,226	\$55,546,585	
FY 2016	\$628,553,622	\$67,784,381	\$60,712,531	\$62,415,111	\$53,610,035	\$48,216,602	\$59,556,822	\$61,321,329	\$61,906,151	\$58,042,859	\$49,979,702	\$45,008,098	\$61,136,298
% Change	7.4%	-8.3%	0.2%	6.6%	-5.3%	8.5%	2.9%	12.8%	17.9%	14.8%	14.3%	23.4%	
Energy Cost By Energy Type													
Electricity													
FY 2017	\$536,138,414	\$57,538,583	\$56,433,041	\$62,394,468	\$45,789,861	\$40,448,384	\$42,937,294	\$44,727,603	\$49,204,357	\$44,258,388	\$43,592,033	\$48,814,401	
FY 2016	\$505,616,987	\$62,797,909	\$56,081,078	\$57,785,218	\$48,269,696	\$38,115,623	\$44,491,024	\$39,970,820	\$40,097,773	\$40,989,955	\$38,405,187	\$38,612,704	\$56,297,730
% Change	6.0%	-8.4%	0.6%	8.0%	-5.1%	6.1%	-3.5%	11.9%	22.7%	8.0%	13.5%	26.4%	
Natural Gas													
FY 2017	\$89,472,491	\$2,996,420	\$2,478,313	\$2,386,042	\$3,288,153	\$6,685,073	\$11,360,907	\$15,617,271	\$16,363,995	\$13,874,393	\$9,507,539	\$4,914,384	
FY 2016	\$76,831,364	\$3,207,701	\$2,788,866	\$2,930,539	\$3,584,149	\$5,858,977	\$9,772,944	\$13,384,046	\$13,215,783	\$10,619,237	\$7,133,668	\$4,335,453	\$3,161,781
% Change	16.5%	-6.6%	-11.1%	-18.6%	-8.3%	14.1%	16.2%	16.7%	23.8%	30.7%	33.3%	13.4%	
Steam													
FY 2017	\$49,760,591	\$1,631,737	\$1,918,024	\$1,766,031	\$1,699,703	\$5,178,853	\$6,971,528	\$8,849,503	\$7,404,675	\$8,497,084	\$4,025,654	\$1,817,800	
FY 2016	\$46,105,271	\$1,778,771	\$1,842,586	\$1,699,354	\$1,756,191	\$4,242,002	\$5,292,854	\$7,966,463	\$8,592,595	\$6,433,667	\$4,440,847	\$2,059,941	\$1,676,787
% Change	7.9%	-8.3%	4.1%	3.9%	-3.2%	22.1%	31.7%	11.1%	-13.8%	32.1%	-9.3%	-11.8%	



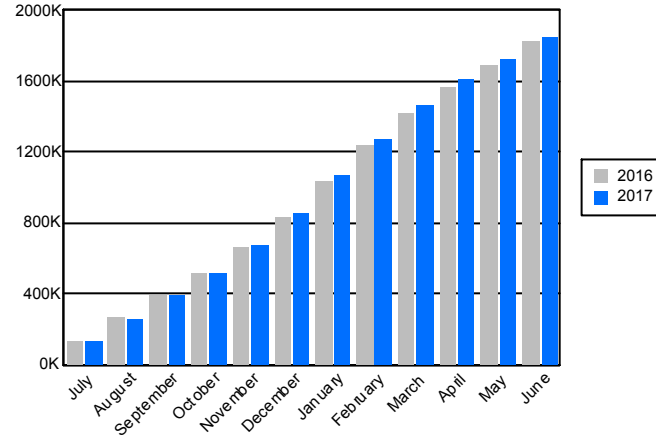
Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

June 2017

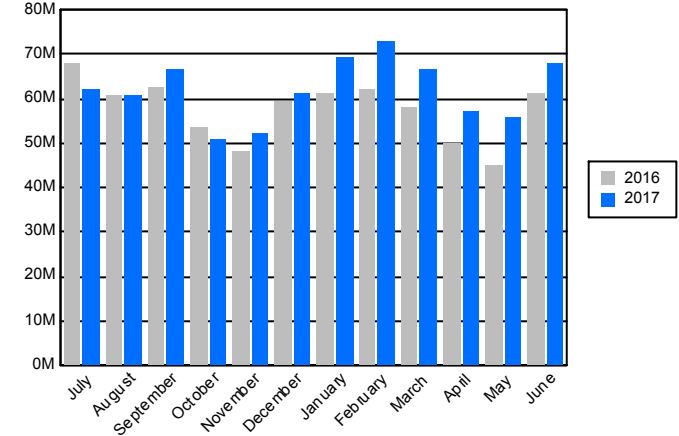
Citywide Energy Usage in Millions of BTUs



Citywide CO2e Emissions (FY Cumulative)

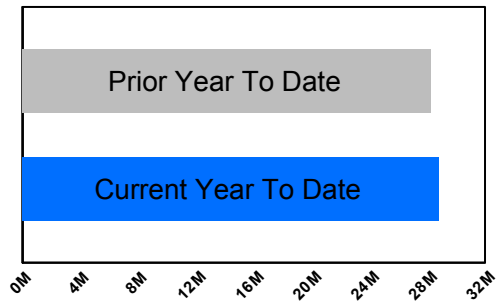


Citywide Cost

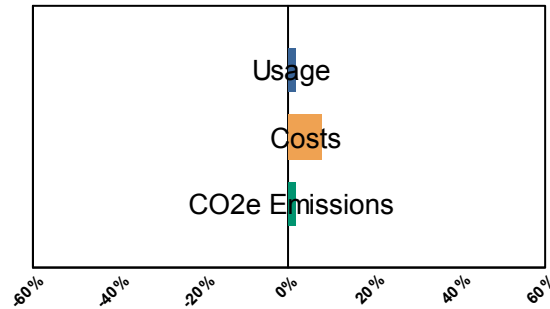


Current Year to Date compared to Prior Year to Date

Millions of BTUs



% Change



	Degree Days	
	Heating	Cooling
YTD Current FY	4,224	1,466
YTD Prior FY	3,769	1,545
June, 2017	24	242
June, 2016	7	232



Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

June 2017

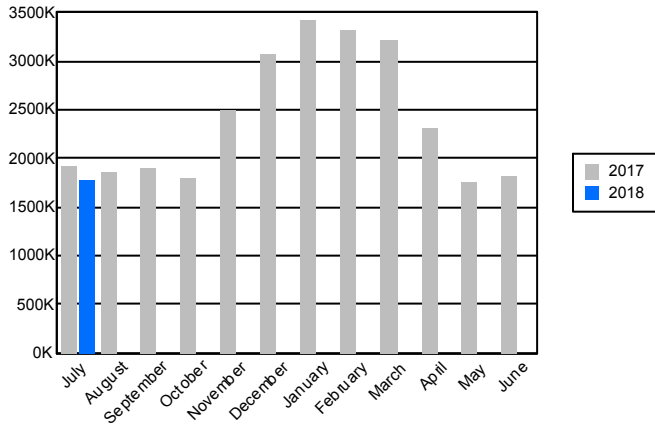
	Year To Date	July	August	September	October	November	December	January	February	March	April	May	June
Energy Usage													
Total Energy in Millions of BTUs													
FY 2017	28,835,506	1,920,288	1,857,208	1,903,116	1,790,045	2,488,771	3,075,300	3,429,865	3,313,604	3,212,755	2,309,848	1,747,998	1,786,709
FY 2016	28,346,233	1,950,994	1,909,434	1,899,277	1,913,007	2,130,086	2,724,763	3,366,637	3,434,085	2,806,581	2,351,275	1,894,055	1,966,038
% Change	1.7%	-1.6%	-2.7%	0.2%	-6.4%	16.8%	12.9%	1.9%	-3.5%	14.5%	-1.8%	-7.7%	-9.1%
Energy Usage By Energy Type													
Electric Demand (kw)													
FY 2017	10,259,477	970,710	941,746	992,657	888,052	785,208	770,386	757,322	756,805	747,977	753,432	930,004	965,178
FY 2016	10,282,281	950,395	928,159	994,765	951,583	812,559	766,495	756,824	771,322	766,481	781,928	853,000	948,770
% Change	-0.2%	2.1%	1.5%	-0.2%	-6.7%	-3.4%	0.5%	0.1%	-1.9%	-2.4%	-3.6%	9.0%	1.7%
Electric consumption (kwh)													
FY 2017	4,259,558,526	387,316,053	389,256,868	411,542,907	339,066,053	360,068,985	343,664,863	345,784,231	357,407,211	329,590,507	307,306,761	312,186,068	376,368,019
FY 2016	4,226,765,192	395,553,517	379,879,276	377,587,738	353,241,674	323,030,531	369,649,503	340,459,143	360,007,030	318,550,320	307,800,179	307,435,677	393,570,604
% Change	0.8%	-2.1%	2.5%	9.0%	-4.0%	11.5%	-7.0%	1.6%	-0.7%	3.5%	-0.2%	1.5%	-4.4%
Natural gas (Therms)													
FY 2017	122,479,571	4,721,726	4,011,270	3,795,482	5,275,596	10,793,337	16,369,318	19,614,329	18,622,398	18,197,090	11,336,921	5,739,383	4,002,721
FY 2016	118,094,540	4,670,318	4,734,765	4,846,538	5,858,275	8,680,834	12,670,059	18,965,773	18,994,405	15,047,594	11,465,301	7,128,976	5,031,702
% Change	3.7%	1.1%	-15.3%	-21.7%	-9.9%	24.3%	29.2%	3.4%	-2.0%	20.9%	-1.1%	-19.5%	-20.4%
Steam (mlbs)													
FY 2017	1,834,687	112,968	114,169	106,493	94,213	161,587	237,598	258,034	207,248	240,027	113,964	97,181	91,205
FY 2016	1,889,426	119,889	124,805	112,709	108,815	142,770	175,570	275,759	273,851	192,099	138,047	118,047	107,065
% Change	-2.9%	-5.8%	-8.5%	-5.5%	-13.4%	13.2%	35.3%	-6.4%	-24.3%	24.9%	-17.4%	-17.7%	-14.8%
Energy Cost													
Total Cost													
FY 2017	\$743,574,138	\$62,170,120	\$60,829,831	\$66,549,142	\$50,778,053	\$52,325,226	\$61,277,450	\$69,207,935	\$72,991,566	\$66,674,442	\$57,101,488	\$55,869,953	\$67,798,933
FY 2016	\$689,704,819	\$67,784,332	\$60,712,487	\$62,415,073	\$53,609,981	\$48,216,514	\$59,556,227	\$61,320,320	\$61,907,049	\$58,046,848	\$49,984,030	\$45,011,534	\$61,140,424
% Change	7.8%	-8.3%	0.2%	6.6%	-5.3%	8.5%	2.9%	12.9%	17.9%	14.9%	14.2%	24.1%	10.9%
Energy Cost By Energy Type													
Electricity													
FY 2017	\$598,946,209	\$57,542,566	\$56,433,199	\$62,394,840	\$45,788,137	\$40,455,673	\$42,946,390	\$44,740,650	\$49,218,924	\$44,291,738	\$43,548,479	\$48,909,983	\$62,675,629
FY 2016	\$561,930,915	\$62,797,913	\$56,081,083	\$57,785,223	\$48,269,701	\$38,115,628	\$44,490,553	\$39,969,982	\$40,098,897	\$40,994,166	\$38,409,663	\$38,616,231	\$56,301,875
% Change	6.6%	-8.4%	0.6%	8.0%	-5.1%	6.1%	-3.5%	11.9%	22.7%	8.0%	13.4%	26.7%	11.3%
Natural Gas													
FY 2017	\$93,307,758	\$2,995,817	\$2,478,608	\$2,388,271	\$3,290,212	\$6,690,700	\$11,359,533	\$15,617,904	\$16,368,313	\$13,867,927	\$9,508,281	\$5,138,356	\$3,603,838
FY 2016	\$79,991,846	\$3,207,648	\$2,788,818	\$2,930,496	\$3,584,089	\$5,858,884	\$9,772,821	\$13,383,874	\$13,215,556	\$10,619,016	\$7,133,521	\$4,335,362	\$3,161,762
% Change	16.6%	-6.6%	-11.1%	-18.5%	-8.2%	14.2%	16.2%	16.7%	23.9%	30.6%	33.3%	18.5%	14.0%
Steam													
FY 2017	\$51,320,171	\$1,631,737	\$1,918,024	\$1,766,031	\$1,699,703	\$5,178,853	\$6,971,528	\$8,849,380	\$7,404,329	\$8,514,776	\$4,044,728	\$1,821,614	\$1,519,466
FY 2016	\$47,782,058	\$1,778,771	\$1,842,586	\$1,699,354	\$1,756,191	\$4,242,002	\$5,292,854	\$7,966,463	\$8,592,595	\$6,433,667	\$4,440,847	\$2,059,941	\$1,676,787
% Change	7.4%	-8.3%	4.1%	3.9%	-3.2%	22.1%	31.7%	11.1%	-13.8%	32.3%	-8.9%	-11.6%	-9.4%



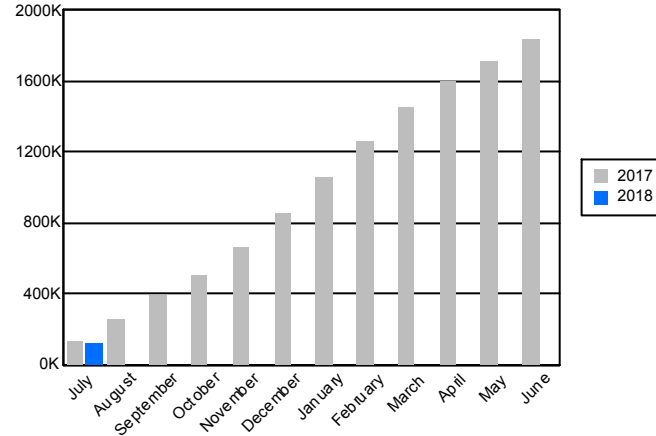
Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

July 2017

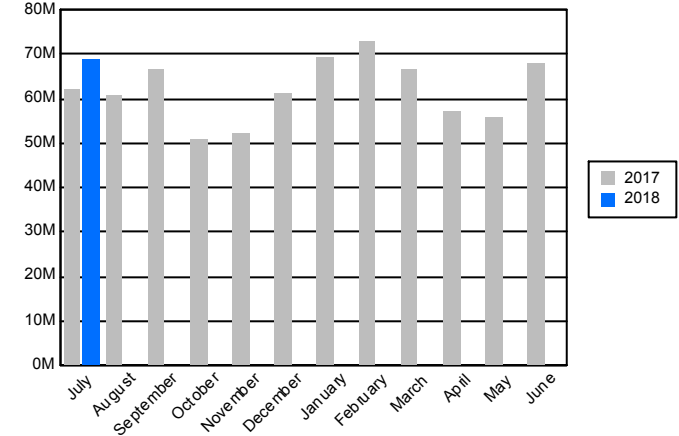
Citywide Energy Usage in Millions of BTUs



Citywide CO2e Emissions (FY Cumulative)

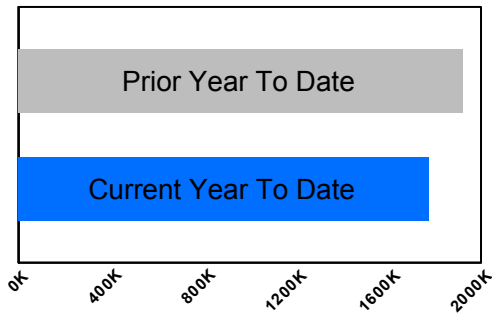


Citywide Cost

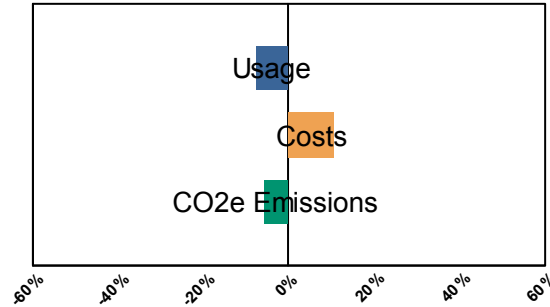


Current Year to Date compared to Prior Year to Date

Millions of BTUs



% Change



	Degree Days	
	Heating	Cooling
YTD Current FY	0	372
YTD Prior FY	0	432
July, 2017	0	372
July, 2016	0	432



Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

July 2017

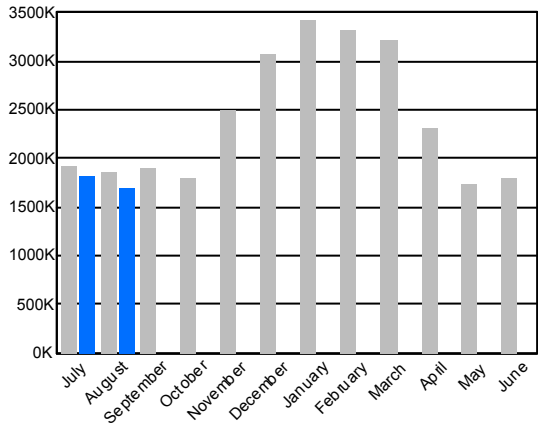
Year To Date	July	August	September	October	November	December	January	February	March	April	May	June	
Energy Usage													
Total Energy in Millions of BTUs													
FY 2018	1,776,853	1,776,853											
FY 2017	1,923,620	1,923,620	1,859,764	1,905,875	1,791,986	2,491,792	3,079,214	3,431,002	3,315,071	3,215,045	2,312,219	1,749,791	1,812,997
% Change	-7.6%	-7.6%											
Energy Usage By Energy Type													
Electric Demand (kw)													
FY 2018	956,526	956,526											
FY 2017	970,827	970,827	941,890	993,060	888,381	785,746	770,940	757,592	757,292	748,679	753,654	933,190	971,055
% Change	-1.5%	-1.5%											
Electric consumption (kwh)													
FY 2018	384,793,592	384,793,592											
FY 2017	387,350,420	387,350,420	389,291,814	411,698,412	339,140,029	360,204,187	343,907,438	345,647,574	357,476,346	329,759,513	307,392,106	312,313,045	378,699,616
% Change	-0.7%	-0.7%											
Natural gas (Therms)													
FY 2018	3,483,432	3,483,432											
FY 2017	4,753,871	4,753,871	4,035,639	3,817,767	5,292,478	10,818,936	16,400,177	19,630,366	18,634,714	18,214,220	11,357,716	5,752,983	4,186,024
% Change	-26.7%	-26.7%											
Steam (mlbs)													
FY 2018	103,125	103,125											
FY 2017	112,968	112,968	114,169	106,493	94,213	161,587	237,598	258,034	207,248	240,027	113,964	97,181	91,205
% Change	-8.7%	-8.7%											
Energy Cost													
Total Cost													
FY 2018	\$68,744,191	\$68,744,191											
FY 2017	\$62,197,791	\$62,197,791	\$60,852,883	\$66,583,428	\$50,802,333	\$52,358,784	\$61,321,127	\$69,227,603	\$73,024,803	\$66,725,861	\$57,133,923	\$55,899,476	\$67,950,971
% Change	10.5%	10.5%											
Energy Cost By Energy Type													
Electricity													
FY 2018	\$64,021,505	\$64,021,505											
FY 2017	\$57,547,210	\$57,547,210	\$56,439,901	\$62,414,362	\$45,800,258	\$40,472,211	\$42,968,539	\$44,744,343	\$49,236,056	\$44,325,027	\$43,556,339	\$48,920,183	\$62,672,088
% Change	11.3%	11.3%											
Natural Gas													
FY 2018	\$3,015,332	\$3,015,332											
FY 2017	\$3,018,844	\$3,018,844	\$2,494,959	\$2,403,036	\$3,302,372	\$6,707,721	\$11,381,060	\$15,633,879	\$16,384,417	\$13,886,058	\$9,532,856	\$5,157,679	\$3,759,416
% Change	-0.1%	-0.1%											
Steam													
FY 2018	\$1,707,355	\$1,707,355											
FY 2017	\$1,631,737	\$1,631,737	\$1,918,024	\$1,766,031	\$1,699,703	\$5,178,853	\$6,971,528	\$8,849,380	\$7,404,329	\$8,514,776	\$4,044,728	\$1,821,614	\$1,519,466
% Change	4.6%	4.6%											



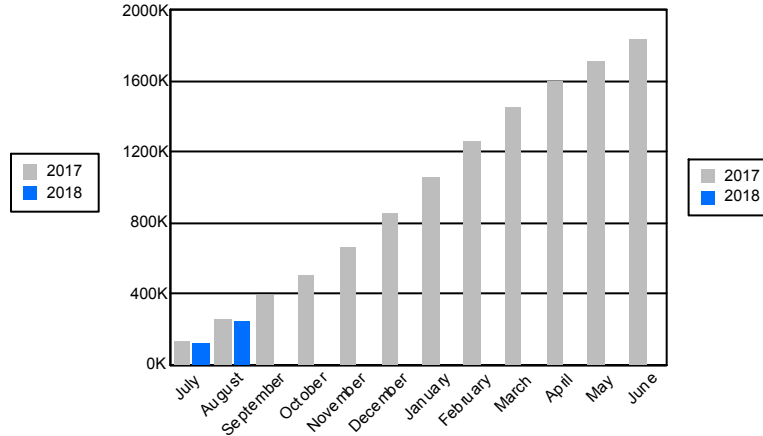
Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

August 2017

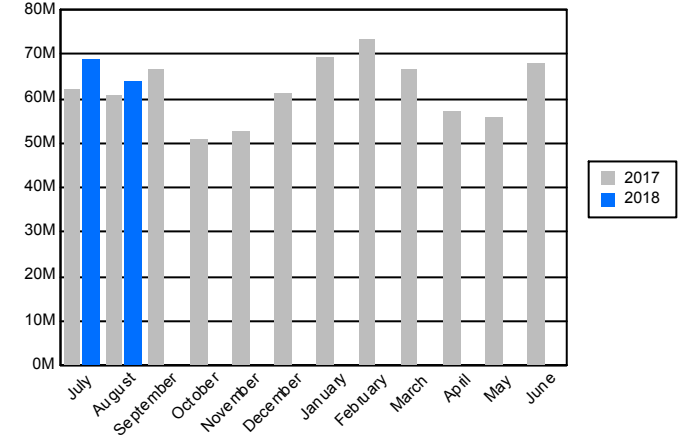
Citywide Energy Usage in Millions of BTUs



Citywide CO2e Emissions (FY Cumulative)

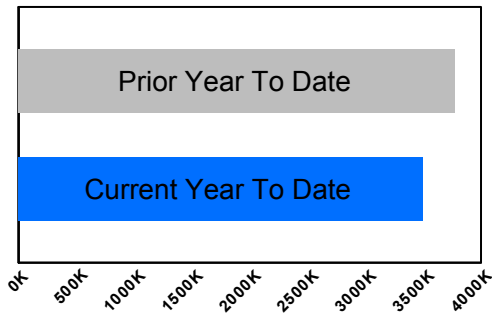


Citywide Cost

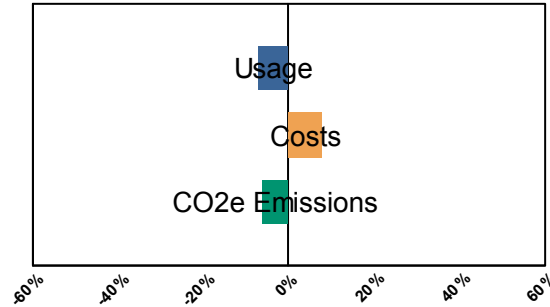


Current Year to Date compared to Prior Year to Date

Millions of BTUs



% Change



	Degree Days	
	Heating	Cooling
YTD Current FY	0	663
YTD Prior FY	0	878
August, 2017	0	291
August, 2016	0	446



Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

August 2017

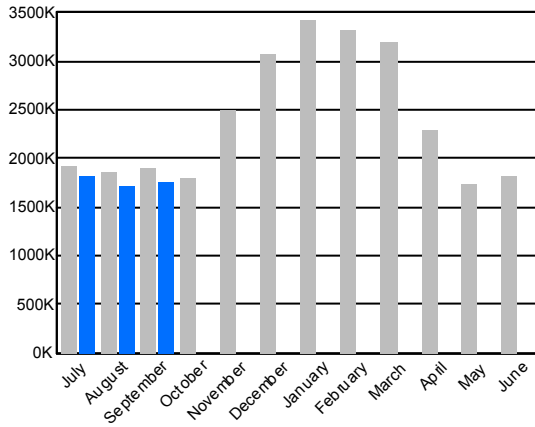
Year To Date	July	August	September	October	November	December	January	February	March	April	May	June	
Energy Usage													
Total Energy in Millions of BTUs													
FY 2018	3,503,998	1,811,462	1,692,537										
FY 2017	3,783,273	1,923,585	1,859,687	1,905,910	1,792,037	2,492,688	3,079,033	3,430,990	3,317,584	3,215,069	2,308,643	1,748,170	1,808,728
% Change	-7.4%	-5.8%	-9.0%										
Energy Usage By Energy Type													
Electric Demand (kw)													
FY 2018	1,854,337	958,099	896,238										
FY 2017	1,914,135	972,101	942,034	1,000,707	893,857	792,079	771,293	764,625	757,695	748,922	754,240	934,957	979,055
% Change	-3.1%	-1.4%	-4.9%										
Electric consumption (kwh)													
FY 2018	756,534,337	384,337,892	372,196,445										
FY 2017	776,607,850	387,342,963	389,264,887	411,695,804	339,138,391	360,197,926	343,859,407	345,627,193	357,614,098	329,347,098	306,192,494	311,174,935	378,213,366
% Change	-2.6%	-0.8%	-4.4%										
Natural gas (Therms)													
FY 2018	7,065,219	3,838,492	3,226,727										
FY 2017	8,789,570	4,753,782	4,035,788	3,818,202	5,293,050	10,828,105	16,400,010	19,630,944	18,655,138	18,228,540	11,362,897	5,775,609	4,159,930
% Change	-19.6%	-19.3%	-20.0%										
Steam (mlbs)													
FY 2018	192,829	103,714	89,115										
FY 2017	227,137	112,968	114,169	106,493	94,213	161,587	237,598	258,034	207,248	240,027	113,964	97,181	91,205
% Change	-15.1%	-8.2%	-21.9%										
Energy Cost													
Total Cost													
FY 2018	\$132,496,514	\$68,844,859	\$63,651,655										
FY 2017	\$123,060,359	\$62,203,893	\$60,856,466	\$66,591,653	\$50,815,557	\$52,376,277	\$61,329,405	\$69,231,173	\$73,056,470	\$66,714,803	\$57,089,990	\$55,901,813	\$67,972,646
% Change	7.7%	10.7%	4.6%										
Energy Cost By Energy Type													
Electricity													
FY 2018	\$123,454,479	\$63,905,821	\$59,548,658										
FY 2017	\$113,996,594	\$57,553,383	\$56,443,211	\$62,422,049	\$45,812,803	\$40,483,157	\$42,976,765	\$44,747,267	\$49,246,583	\$44,303,220	\$43,506,716	\$48,900,223	\$62,716,416
% Change	8.3%	11.0%	5.5%										
Natural Gas													
FY 2018	\$5,878,125	\$3,224,583	\$2,653,542										
FY 2017	\$5,514,003	\$3,018,773	\$2,495,230	\$2,403,573	\$3,303,051	\$6,714,267	\$11,381,111	\$15,634,525	\$16,405,558	\$13,896,808	\$9,538,546	\$5,179,976	\$3,736,763
% Change	6.6%	6.8%	6.3%										
Steam													
FY 2018	\$3,163,910	\$1,714,455	\$1,449,455										
FY 2017	\$3,549,761	\$1,631,737	\$1,918,024	\$1,766,031	\$1,699,703	\$5,178,853	\$6,971,528	\$8,849,380	\$7,404,329	\$8,514,776	\$4,044,728	\$1,821,614	\$1,519,466
% Change	-10.9%	5.1%	-24.4%										



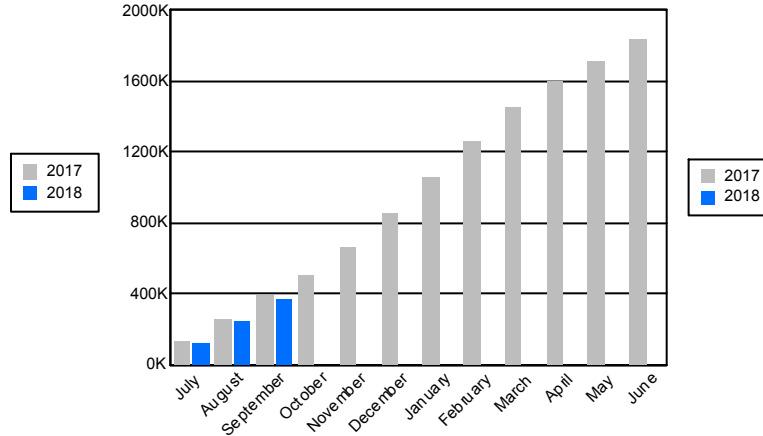
Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

September 2017

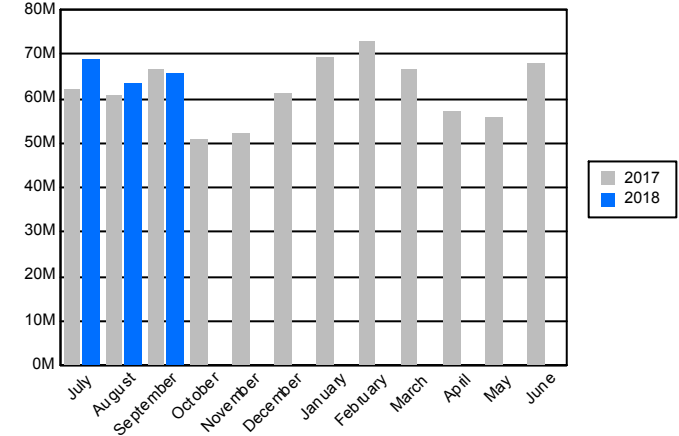
Citywide Energy Usage in Millions of BTUs



Citywide CO2e Emissions (FY Cumulative)

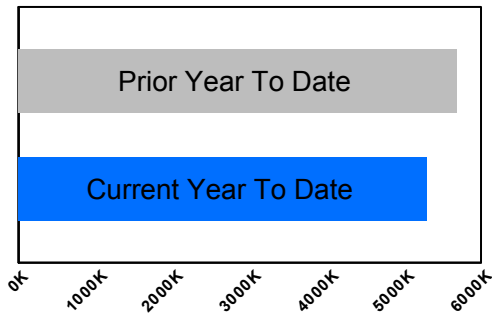


Citywide Cost

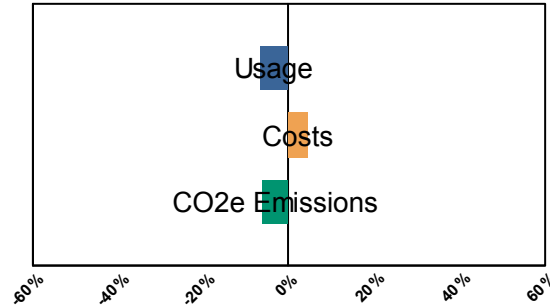


Current Year to Date compared to Prior Year to Date

Millions of BTUs



% Change



	Degree Days	
	Heating	Cooling
YTD Current FY	17	853
YTD Prior FY	17	1,106
September, 2017	17	190
September, 2016	17	228



Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

September 2017

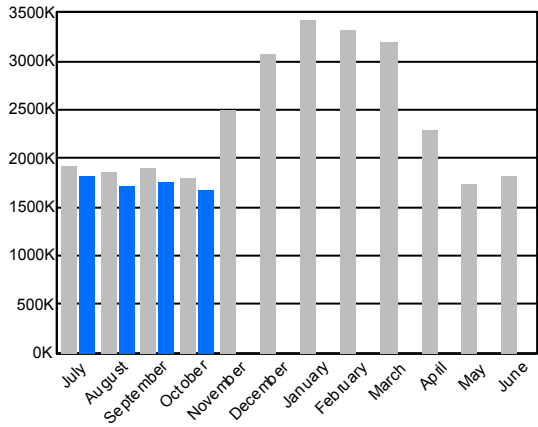
Year To Date	July	August	September	October	November	December	January	February	March	April	May	June	
Energy Usage													
Total Energy in Millions of BTUs													
FY 2018	5,300,420	1,828,313	1,722,074	1,750,033									
FY 2017	5,689,638	1,923,768	1,859,842	1,906,028	1,792,221	2,492,948	3,078,450	3,430,342	3,316,721	3,195,103	2,298,459	1,742,666	1,815,063
% Change	-6.8%	-5.0%	-7.4%	-8.2%									
Energy Usage By Energy Type													
Electric Demand (kw)													
FY 2018	2,788,183	956,941	897,334	933,908									
FY 2017	2,914,504	971,912	941,975	1,000,617	893,733	791,882	771,049	764,419	757,512	748,346	753,979	934,307	978,486
% Change	-4.3%	-1.5%	-4.7%	-6.7%									
Electric consumption (kwh)													
FY 2018	1,126,153,488	382,947,509	369,300,201	373,905,778									
FY 2017	1,188,173,544	387,303,997	389,223,722	411,645,825	339,112,416	360,140,566	343,792,055	345,562,000	357,452,845	329,072,586	304,212,131	308,360,571	376,421,497
% Change	-5.2%	-1.1%	-5.1%	-9.2%									
Natural gas (Therms)													
FY 2018	11,289,982	4,011,392	3,568,262	3,710,328									
FY 2017	12,616,768	4,756,937	4,038,737	3,821,094	5,295,779	10,832,664	16,396,477	19,626,686	18,652,012	18,038,250	11,328,642	5,816,625	4,284,440
% Change	-10.5%	-15.7%	-11.6%	-2.9%									
Steam (mlbs)													
FY 2018	293,471	107,569	93,831	92,071									
FY 2017	333,630	112,968	114,169	106,493	94,213	161,587	237,598	258,034	207,248	240,027	113,964	97,181	91,205
% Change	-12.0%	-4.8%	-17.8%	-13.5%									
Energy Cost													
Total Cost													
FY 2018	\$198,236,882	\$68,825,889	\$63,601,361	\$65,809,632									
FY 2017	\$189,641,771	\$62,198,638	\$60,854,504	\$66,588,629	\$50,811,750	\$52,370,601	\$61,317,377	\$69,217,667	\$73,038,434	\$66,537,624	\$56,958,113	\$55,792,274	\$67,961,524
% Change	4.5%	10.7%	4.5%	-1.2%									
Energy Cost By Energy Type													
Electricity													
FY 2018	\$184,293,677	\$63,691,679	\$59,187,053	\$61,414,945									
FY 2017	\$176,401,051	\$57,545,438	\$56,438,845	\$62,416,768	\$45,806,771	\$40,473,923	\$42,966,776	\$44,738,053	\$49,231,785	\$44,271,770	\$43,406,784	\$48,758,620	\$62,597,909
% Change	4.5%	10.7%	4.9%	-1.6%									
Natural Gas													
FY 2018	\$9,239,869	\$3,368,878	\$2,907,934	\$2,963,057									
FY 2017	\$7,924,928	\$3,021,462	\$2,497,635	\$2,405,831	\$3,305,276	\$6,717,825	\$11,379,073	\$15,630,233	\$16,402,320	\$13,751,078	\$9,506,601	\$5,212,039	\$3,844,148
% Change	16.6%	11.5%	16.4%	23.2%									
Steam													
FY 2018	\$4,703,336	\$1,765,332	\$1,506,374	\$1,431,630									
FY 2017	\$5,315,792	\$1,631,737	\$1,918,024	\$1,766,031	\$1,699,703	\$5,178,853	\$6,971,528	\$8,849,380	\$7,404,329	\$8,514,776	\$4,044,728	\$1,821,614	\$1,519,466
% Change	-11.5%	8.2%	-21.5%	-18.9%									



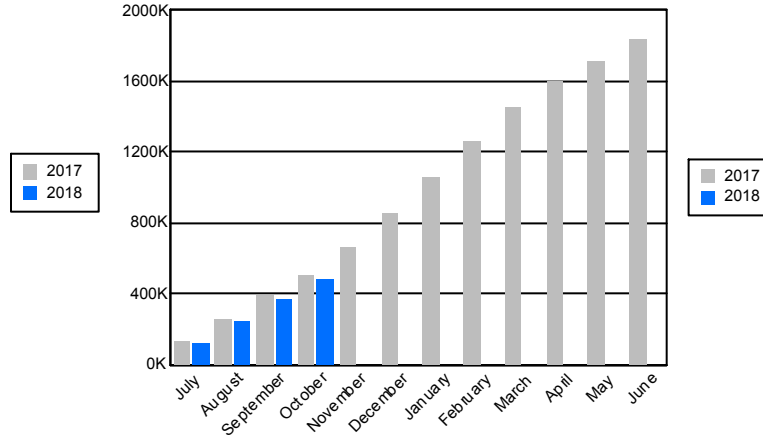
Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

October 2017

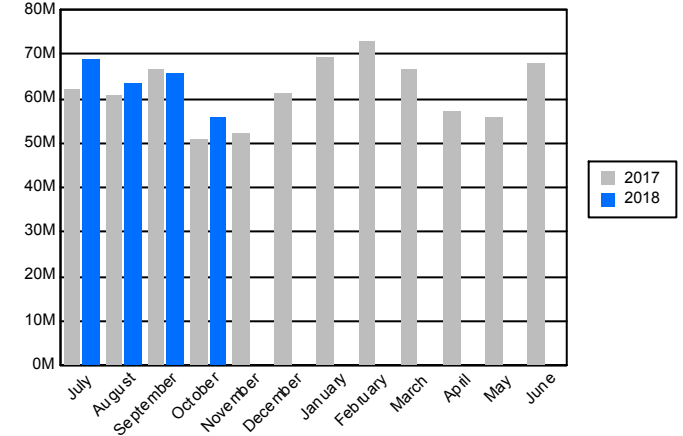
Citywide Energy Usage in Millions of BTUs



Citywide CO2e Emissions (FY Cumulative)

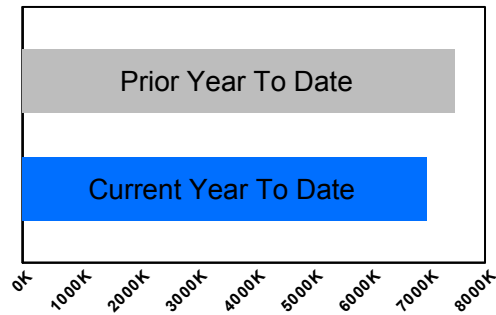


Citywide Cost

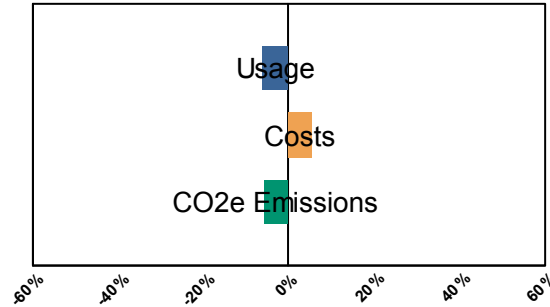


Current Year to Date compared to Prior Year to Date

Millions of BTUs



% Change



	Degree Days	
	Heating	Cooling
YTD Current FY	116	933
YTD Prior FY	234	1,135
October, 2017	99	80
October, 2016	217	29



Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

October 2017

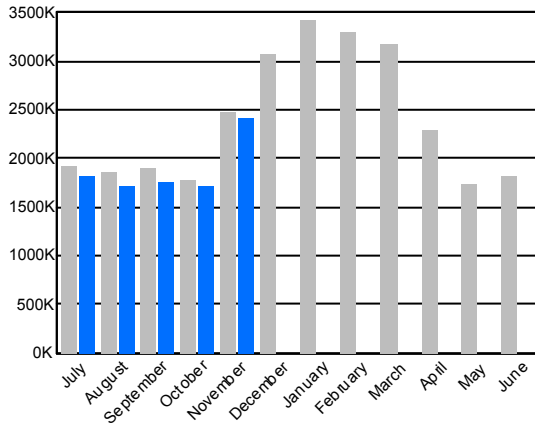
Year To Date	July	August	September	October	November	December	January	February	March	April	May	June
Energy Usage												
Total Energy in Millions of BTUs												
FY 2018	6,996,806	1,828,456	1,722,297	1,767,125	1,678,928							
FY 2017	7,479,567	1,923,249	1,859,343	1,905,555	1,791,420	2,490,697	3,075,989	3,427,960	3,314,702	3,193,673	2,298,373	1,742,889
% Change	-6.5%	-4.9%	-7.4%	-7.3%	-6.3%							
Energy Usage By Energy Type												
Electric Demand (kw)												
FY 2018	3,731,487	957,486	898,317	932,872	942,812							
FY 2017	3,807,627	971,914	941,770	1,000,412	893,531	791,690	770,894	764,276	757,304	748,336	754,076	934,706
% Change	-2.0%	-1.5%	-4.6%	-6.8%	5.5%							
Electric consumption (kwh)												
FY 2018	1,480,354,938	382,911,502	369,214,679	372,538,309	355,690,448							
FY 2017	1,526,969,963	387,218,455	389,141,379	411,561,038	339,049,091	360,069,964	343,734,001	345,489,971	357,343,747	329,057,034	304,220,412	308,455,546
% Change	-3.1%	-1.1%	-5.1%	-9.5%	4.9%							
Natural gas (Therms)												
FY 2018	15,258,553	4,008,282	3,568,510	3,922,190	3,759,571							
FY 2017	17,900,405	4,754,668	4,036,561	3,819,252	5,289,924	10,812,565	16,373,855	19,605,324	18,635,538	18,024,483	11,327,508	5,814,717
% Change	-14.8%	-15.7%	-11.6%	2.7%	-28.9%							
Steam (mlbs)												
FY 2018	374,603	108,085	94,270	92,584	79,664							
FY 2017	427,843	112,968	114,169	106,493	94,213	161,587	237,598	258,034	207,249	240,027	113,964	97,261
% Change	-12.4%	-4.3%	-17.4%	-13.1%	-15.4%							
Energy Cost												
Total Cost												
FY 2018	\$253,794,691	\$68,776,117	\$63,540,221	\$65,582,617	\$55,895,737							
FY 2017	\$240,411,825	\$62,193,721	\$60,842,950	\$66,576,948	\$50,798,207	\$52,348,875	\$61,294,701	\$69,190,387	\$73,008,231	\$66,522,722	\$56,955,259	\$55,795,790
% Change	5.6%	10.6%	4.4%	-1.5%	10.0%							
Energy Cost By Energy Type												
Electricity												
FY 2018	\$235,099,373	\$63,649,512	\$59,128,768	\$61,025,539	\$51,295,555							
FY 2017	\$222,175,722	\$57,542,599	\$56,429,163	\$62,406,264	\$45,797,696	\$40,465,196	\$42,959,278	\$44,729,792	\$49,218,607	\$44,267,792	\$43,403,954	\$48,761,666
% Change	5.8%	10.6%	4.8%	-2.2%	12.0%							
Natural Gas												
FY 2018	\$12,680,383	\$3,351,861	\$2,895,674	\$3,113,473	\$3,319,375							
FY 2017	\$11,220,608	\$3,019,385	\$2,495,763	\$2,404,653	\$3,300,808	\$6,704,826	\$11,363,894	\$15,611,215	\$16,385,295	\$13,740,155	\$9,506,577	\$5,210,714
% Change	13.0%	11.0%	16.0%	29.5%	0.6%							
Steam												
FY 2018	\$6,014,935	\$1,774,744	\$1,515,779	\$1,443,605	\$1,280,807							
FY 2017	\$7,015,495	\$1,631,737	\$1,918,024	\$1,766,031	\$1,699,703	\$5,178,853	\$6,971,528	\$8,849,380	\$7,404,329	\$8,514,776	\$4,044,728	\$1,823,410
% Change	-14.3%	8.8%	-21.0%	-18.3%	-24.6%							



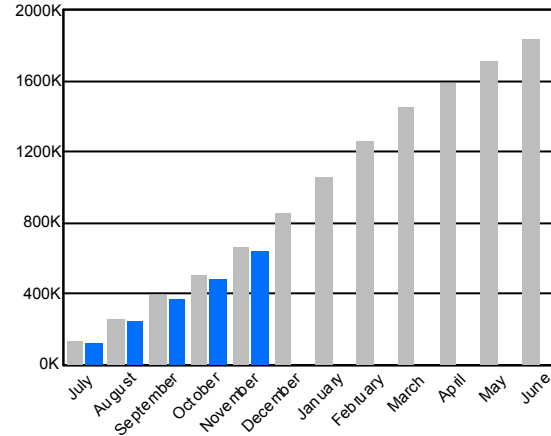
Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

November 2017

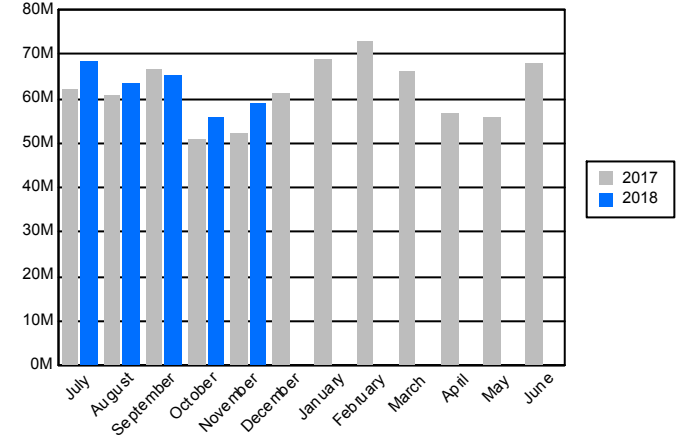
Citywide Energy Usage in Millions of BTUs



Citywide CO2e Emissions (FY Cumulative)

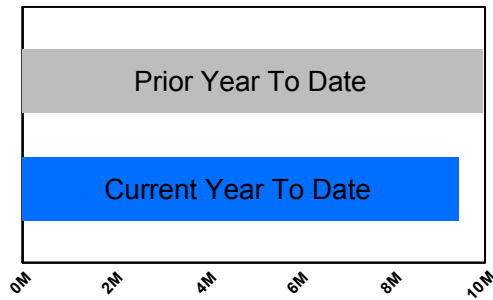


Citywide Cost

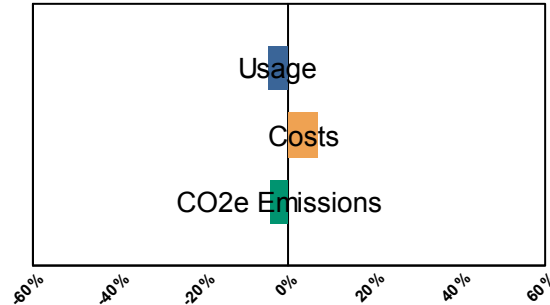


Current Year to Date compared to Prior Year to Date

Millions of BTUs



% Change



	Degree Days	
	Heating	Cooling
YTD Current FY	662	933
YTD Prior FY	687	1,135
November, 2017	546	0
November, 2016	453	0



Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

November 2017

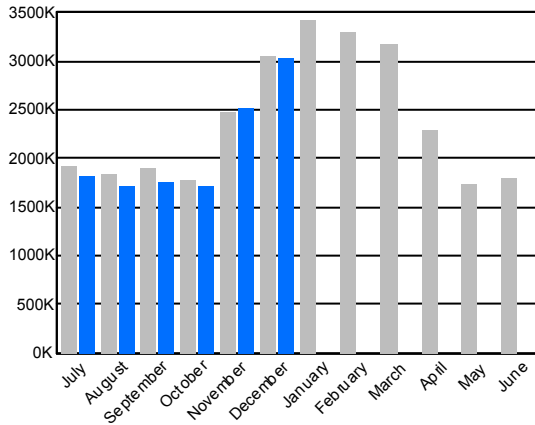
	Year To Date	July	August	September	October	November	December	January	February	March	April	May	June
Energy Usage													
Total Energy in Millions of BTUs													
FY 2018	9,433,045	1,822,860	1,713,949	1,756,633	1,716,134	2,423,468							
FY 2017	9,938,421	1,918,104	1,853,604	1,899,340	1,784,270	2,483,104	3,067,692	3,419,582	3,306,514	3,185,804	2,291,782	1,737,709	1,810,276
% Change	-5.1%	-5.0%	-7.5%	-7.5%	-3.8%	-2.4%							
Energy Usage By Energy Type													
Electric Demand (kw)													
FY 2018	4,502,868	951,495	892,657	927,536	944,294	786,886							
FY 2017	4,571,670	966,392	936,247	994,890	888,009	786,132	765,335	758,719	751,783	742,931	748,523	929,261	973,321
% Change	-1.5%	-1.5%	-4.7%	-6.8%	6.3%	0.1%							
Electric consumption (kwh)													
FY 2018	1,822,651,154	381,118,676	367,379,291	370,085,611	353,308,594	350,758,982							
FY 2017	1,877,709,141	385,711,081	387,459,915	409,741,604	336,954,249	357,842,292	341,332,647	343,123,722	355,389,282	326,965,869	302,455,331	306,843,267	374,904,682
% Change	-2.9%	-1.2%	-5.2%	-9.7%	4.9%	-2.0%							
Natural gas (Therms)													
FY 2018	25,920,266	4,013,519	3,547,535	3,900,832	4,212,794	10,245,586							
FY 2017	28,713,007	4,754,665	4,036,557	3,819,199	5,289,921	10,812,665	16,372,843	19,602,304	18,620,359	18,017,158	11,321,834	5,817,952	4,282,782
% Change	-9.7%	-15.6%	-12.1%	2.1%	-20.4%	-5.2%							
Steam (mlbs)													
FY 2018	555,246	108,085	94,282	92,597	79,676	180,606							
FY 2017	589,430	112,968	114,169	106,493	94,213	161,587	237,598	258,034	207,249	240,027	113,964	97,261	91,702
% Change	-5.8%	-4.3%	-17.4%	-13.0%	-15.4%	11.8%							
Energy Cost													
Total Cost													
FY 2018	\$311,938,381	\$68,525,876	\$63,284,915	\$65,241,649	\$55,951,248	\$58,934,694							
FY 2017	\$291,767,829	\$62,004,165	\$60,651,437	\$66,375,045	\$50,583,299	\$52,153,883	\$61,073,525	\$68,959,736	\$72,756,658	\$66,289,157	\$56,727,040	\$55,583,710	\$67,747,259
% Change	6.9%	10.5%	4.3%	-1.7%	10.6%	13.0%							
Energy Cost By Energy Type													
Electricity													
FY 2018	\$279,692,419	\$63,393,505	\$58,889,285	\$60,696,881	\$51,049,793	\$45,662,955							
FY 2017	\$261,648,192	\$57,353,076	\$56,237,684	\$62,204,447	\$45,582,822	\$40,270,163	\$42,737,815	\$44,501,734	\$48,981,075	\$44,040,436	\$43,181,370	\$48,546,094	\$62,385,390
% Change	6.9%	10.5%	4.7%	-2.4%	12.0%	13.4%							
Natural Gas													
FY 2018	\$20,444,184	\$3,357,627	\$2,876,806	\$3,096,591	\$3,616,370	\$7,496,790							
FY 2017	\$17,925,289	\$3,019,351	\$2,495,730	\$2,404,567	\$3,300,774	\$6,704,868	\$11,364,182	\$15,608,622	\$16,371,254	\$13,733,946	\$9,500,942	\$5,214,205	\$3,832,445
% Change	14.1%	11.2%	15.3%	28.8%	9.6%	11.8%							
Steam													
FY 2018	\$11,801,778	\$1,774,744	\$1,518,824	\$1,448,177	\$1,285,084	\$5,774,949							
FY 2017	\$12,194,348	\$1,631,737	\$1,918,024	\$1,766,031	\$1,699,703	\$5,178,853	\$6,971,528	\$8,849,380	\$7,404,329	\$8,514,776	\$4,044,728	\$1,823,410	\$1,529,424
% Change	-3.2%	8.8%	-20.8%	-18.0%	-24.4%	11.5%							



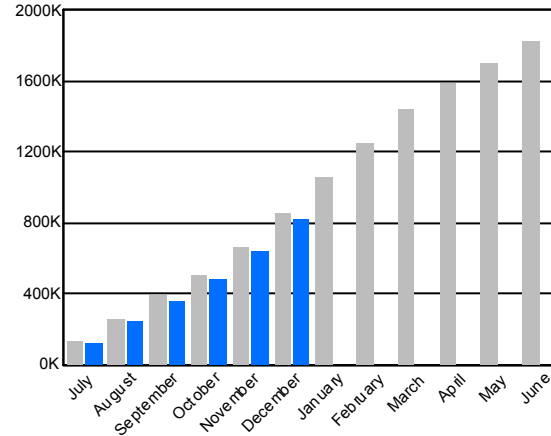
Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

December 2017

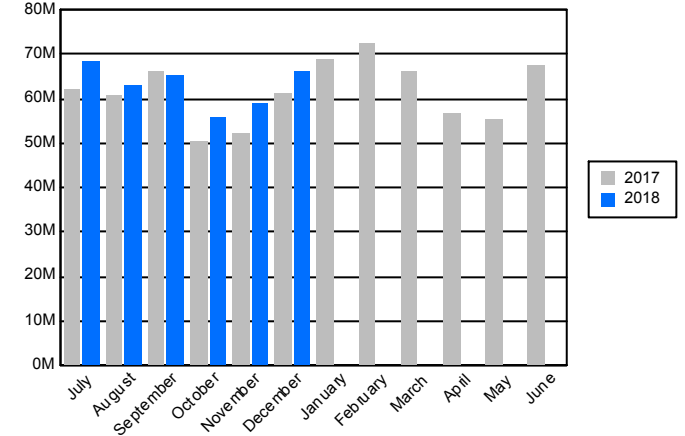
Citywide Energy Usage in Millions of BTUs



Citywide CO2e Emissions (FY Cumulative)

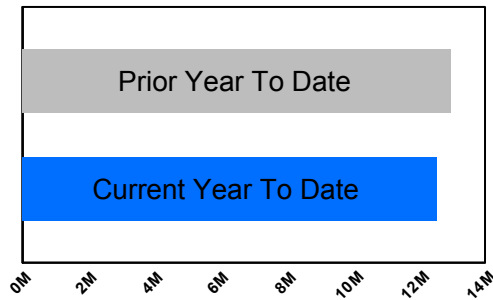


Citywide Cost

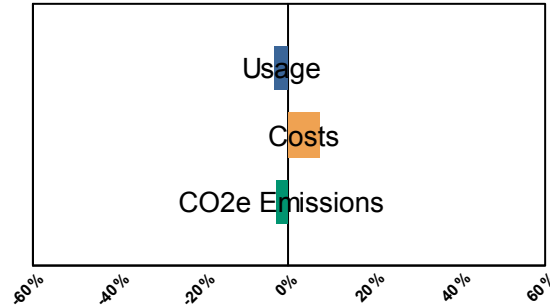


Current Year to Date compared to Prior Year to Date

Millions of BTUs



% Change



	Degree Days	
	Heating	Cooling
YTD Current FY	1,582	933
YTD Prior FY	1,505	1,135
December, 2017	920	0
December, 2016	818	0



Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

December 2017

Year To Date	July	August	September	October	November	December	January	February	March	April	May	June	
Energy Usage													
Total Energy in Millions of BTUs													
FY 2018	12,543,059	1,819,266	1,709,277	1,752,042	1,712,385	2,516,214	3,033,875						
FY 2017	12,980,221	1,914,867	1,849,996	1,895,225	1,779,630	2,478,135	3,062,368	3,414,362	3,301,705	3,179,543	2,286,976	1,734,179	1,806,756
% Change	-3.4%	-5.0%	-7.6%	-7.6%	-3.8%	1.5%	-0.9%						
Energy Usage By Energy Type													
Electric Demand (kw)													
FY 2018	5,245,522	947,484	888,581	923,661	941,823	790,670	753,303						
FY 2017	5,315,694	962,948	932,802	991,234	884,398	782,557	761,755	755,230	748,133	739,272	744,836	925,770	969,704
% Change	-1.3%	-1.6%	-4.7%	-6.8%	6.5%	1.0%	-1.1%						
Electric consumption (kwh)													
FY 2018	2,157,910,612	380,058,166	366,020,550	368,665,127	351,958,495	352,085,395	339,122,879						
FY 2017	2,211,482,453	384,772,055	386,411,301	408,538,133	335,596,785	356,388,432	339,775,747	341,600,007	354,027,941	325,627,805	301,317,563	305,913,965	373,914,479
% Change	-2.4%	-1.2%	-5.3%	-9.8%	4.9%	-1.2%	-0.2%						
Natural gas (Therms)													
FY 2018	43,003,287	4,013,771	3,547,193	3,903,404	4,216,498	11,115,908	16,206,513						
FY 2017	45,084,920	4,754,344	4,036,265	3,819,130	5,289,850	10,812,593	16,372,738	19,602,107	18,618,731	18,000,218	11,312,609	5,814,368	4,281,385
% Change	-4.6%	-15.6%	-12.1%	2.2%	-20.3%	2.8%	-1.0%						
Steam (mlbs)													
FY 2018	785,712	108,085	94,282	92,597	80,113	181,668	228,967						
FY 2017	827,028	112,968	114,169	106,493	94,213	161,587	237,598	258,034	207,249	240,027	113,964	97,261	91,702
% Change	-5.0%	-4.3%	-17.4%	-13.0%	-15.0%	12.4%	-3.6%						
Energy Cost													
Total Cost													
FY 2018	\$377,266,962	\$68,369,900	\$63,125,872	\$64,995,904	\$55,775,989	\$58,927,906	\$66,071,392						
FY 2017	\$352,048,665	\$61,885,702	\$60,531,732	\$66,238,772	\$50,441,587	\$52,026,099	\$60,924,773	\$68,813,134	\$72,590,503	\$66,121,399	\$56,573,555	\$55,447,578	\$67,610,970
% Change	7.2%	10.5%	4.3%	-1.9%	10.6%	13.3%	8.4%						
Energy Cost By Energy Type													
Electricity													
FY 2018	\$325,174,368	\$63,237,886	\$58,730,653	\$60,515,395	\$50,932,080	\$45,068,070	\$46,690,285						
FY 2017	\$303,594,363	\$57,234,922	\$56,118,251	\$62,068,271	\$45,441,241	\$40,142,499	\$42,589,179	\$44,355,354	\$48,816,893	\$43,886,868	\$43,037,728	\$48,414,140	\$62,251,207
% Change	7.1%	10.5%	4.7%	-2.5%	12.1%	12.3%	9.6%						
Natural Gas													
FY 2018	\$33,464,971	\$3,357,269	\$2,876,395	\$3,032,333	\$3,549,555	\$8,059,090	\$12,590,328						
FY 2017	\$29,288,426	\$3,019,043	\$2,495,456	\$2,404,470	\$3,300,643	\$6,704,747	\$11,364,067	\$15,608,400	\$16,369,282	\$13,719,755	\$9,491,098	\$5,210,028	\$3,830,338
% Change	14.3%	11.2%	15.3%	26.1%	7.5%	20.2%	10.8%						
Steam													
FY 2018	\$18,627,623	\$1,774,744	\$1,518,824	\$1,448,177	\$1,294,354	\$5,800,746	\$6,790,778						
FY 2017	\$19,165,876	\$1,631,737	\$1,918,024	\$1,766,031	\$1,699,703	\$5,178,853	\$6,971,528	\$8,849,380	\$7,404,329	\$8,514,776	\$4,044,728	\$1,823,410	\$1,529,424
% Change	-2.8%	8.8%	-20.8%	-18.0%	-23.8%	12.0%	-2.6%						