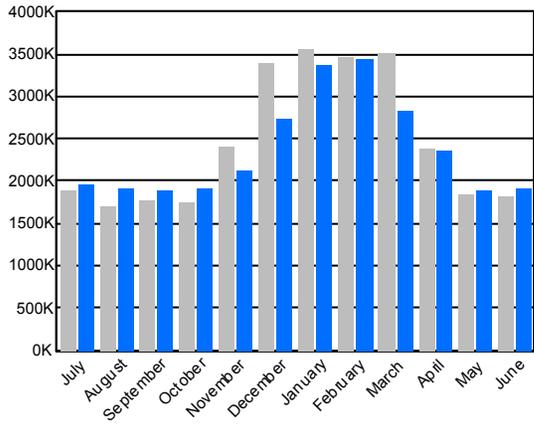




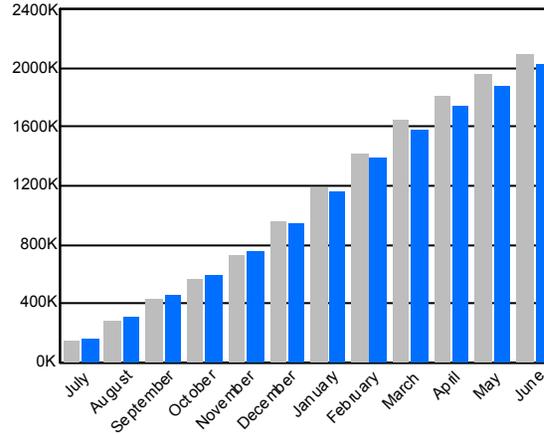
Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

June 2016

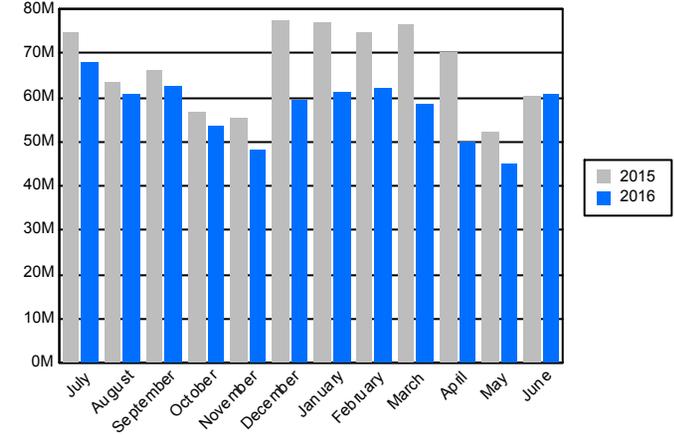
Citywide Energy Usage in Millions of BTUs



Citywide CO2e Emissions (FY Cumulative)

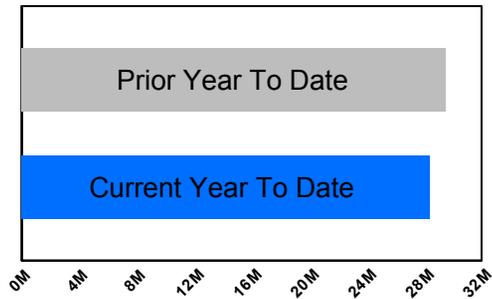


Citywide Cost

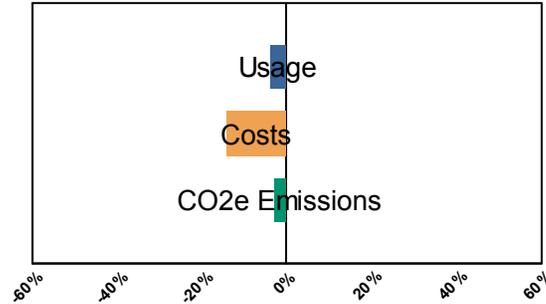


Current Year to Date compared to Prior Year to Date

Millions of BTUs



% Change



	Degree Days	
	Heating	Cooling
YTD Current FY	3,769	1,545
YTD Prior FY	4,967	1,218
June, 2016	7	232
June, 2015	33	218



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

June 2016

Year To Date	July	August	September	October	November	December	January	February	March	April	May	June	
Energy Usage													
Total Energy in Millions of BTUs													
FY 2016	28,364,345	1,951,538	1,915,103	1,900,965	1,913,495	2,137,720	2,727,844	3,374,290	3,449,230	2,822,758	2,359,375	1,901,249	1,910,779
FY 2015	29,564,453	1,896,719	1,703,386	1,779,558	1,760,519	2,413,758	3,401,427	3,568,262	3,470,630	3,523,939	2,376,609	1,848,111	1,821,535
% Change	-4.1%	2.9%	12.4%	6.8%	8.7%	-11.4%	-19.8%	-5.4%	-0.6%	-19.9%	-0.7%	2.9%	4.9%
Energy Usage By Energy Type													
Electric Demand (kw)													
FY 2016	10,273,893	951,003	928,273	995,021	947,615	811,378	765,300	755,247	769,696	767,624	779,356	852,206	951,174
FY 2015	10,236,110	965,299	866,502	994,556	893,414	802,457	776,348	770,051	771,728	762,988	754,847	895,321	982,599
% Change	0.4%	-1.5%	7.1%	0.0%	6.1%	1.1%	-1.4%	-1.9%	-0.3%	0.6%	3.2%	-4.8%	-3.2%
Electric consumption (kwh)													
FY 2016	4,224,986,792	395,581,585	379,929,575	377,727,758	353,310,930	323,035,602	369,740,233	340,652,726	360,297,455	318,730,102	307,785,540	307,494,460	390,700,826
FY 2015	4,267,484,697	401,733,507	359,034,581	375,390,136	354,431,802	328,359,081	381,010,735	350,736,144	360,459,182	356,771,627	306,736,626	334,770,643	358,050,633
% Change	-1.0%	-1.5%	5.8%	0.6%	-0.3%	-1.6%	-3.0%	-2.9%	0.0%	-10.7%	0.3%	-8.1%	9.1%
Natural gas (Therms)													
FY 2016	118,367,865	4,674,800	4,789,736	4,858,534	5,860,496	8,763,833	12,710,877	19,038,361	19,138,329	15,205,094	11,547,401	7,199,182	4,581,222
FY 2015	125,529,079	3,706,284	3,511,579	3,611,130	4,481,327	11,081,365	17,959,721	20,137,970	18,554,179	19,985,891	11,775,069	6,021,214	4,703,350
% Change	-5.7%	26.1%	36.4%	34.5%	30.8%	-20.9%	-29.2%	-5.5%	3.1%	-23.9%	-1.9%	19.6%	-2.6%
Steam (mlbs)													
FY 2016	1,886,606	119,889	124,805	112,718	108,841	142,158	174,397	275,521	273,637	191,932	137,993	118,022	106,693
FY 2015	2,189,996	138,719	113,539	122,844	91,937	165,535	273,067	319,915	344,586	275,415	136,245	92,570	115,624
% Change	-13.9%	-13.6%	9.9%	-8.2%	18.4%	-14.1%	-36.1%	-13.9%	-20.6%	-30.3%	1.3%	27.5%	-7.7%
Energy Cost													
Total Cost													
FY 2016	\$689,315,668	\$67,818,589	\$60,759,962	\$62,443,714	\$53,616,955	\$48,223,131	\$59,530,398	\$61,260,277	\$61,953,015	\$58,231,562	\$49,951,849	\$45,058,372	\$60,467,843
FY 2015	\$803,747,976	\$74,808,664	\$63,375,512	\$65,992,584	\$56,445,374	\$55,292,162	\$77,445,184	\$76,901,769	\$74,457,261	\$76,452,881	\$70,245,633	\$52,229,482	\$60,101,471
% Change	-14.2%	-9.3%	-4.1%	-5.4%	-5.0%	-12.8%	-23.1%	-20.3%	-16.8%	-23.8%	-28.9%	-13.7%	0.6%
Energy Cost By Energy Type													
Electricity													
FY 2016	\$561,540,217	\$62,829,850	\$56,096,290	\$57,807,214	\$48,277,363	\$38,082,313	\$44,453,498	\$39,868,909	\$40,069,486	\$41,098,250	\$38,328,392	\$38,620,099	\$56,008,552
FY 2015	\$639,454,181	\$69,241,793	\$58,500,128	\$60,945,458	\$51,088,978	\$41,169,337	\$53,072,625	\$48,348,292	\$48,272,143	\$50,587,524	\$56,980,021	\$46,185,278	\$55,062,605
% Change	-12.2%	-9.3%	-4.1%	-5.1%	-5.5%	-7.5%	-16.2%	-17.5%	-17.0%	-18.8%	-32.7%	-16.4%	1.7%
Natural Gas													
FY 2016	\$80,035,129	\$3,209,969	\$2,821,085	\$2,935,775	\$3,581,590	\$5,905,211	\$9,790,626	\$13,434,063	\$13,299,517	\$10,706,433	\$7,185,403	\$4,379,219	\$2,786,239
FY 2015	\$101,389,564	\$3,417,431	\$3,088,263	\$3,223,052	\$3,787,477	\$8,627,785	\$15,735,109	\$18,086,564	\$14,243,967	\$15,241,328	\$8,243,791	\$4,406,484	\$3,288,313
% Change	-21.1%	-6.1%	-8.7%	-8.9%	-5.4%	-31.6%	-37.8%	-25.7%	-6.6%	-29.8%	-12.8%	-0.6%	-15.3%
Steam													
FY 2016	\$47,740,323	\$1,778,771	\$1,842,586	\$1,700,726	\$1,758,003	\$4,235,607	\$5,286,274	\$7,957,304	\$8,584,012	\$6,426,879	\$4,438,054	\$2,059,054	\$1,673,052
FY 2015	\$62,904,232	\$2,149,440	\$1,787,121	\$1,824,073	\$1,568,919	\$5,495,041	\$8,637,450	\$10,466,913	\$11,941,151	\$10,624,030	\$5,021,821	\$1,637,720	\$1,750,553
% Change	-24.1%	-17.2%	3.1%	-6.8%	12.1%	-22.9%	-38.8%	-24.0%	-28.1%	-39.5%	-11.6%	25.7%	-4.4%