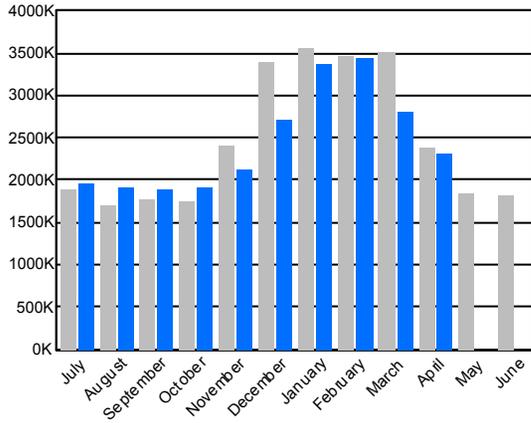




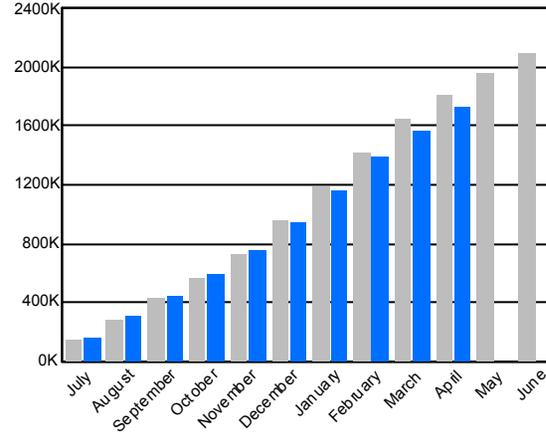
Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

April 2016

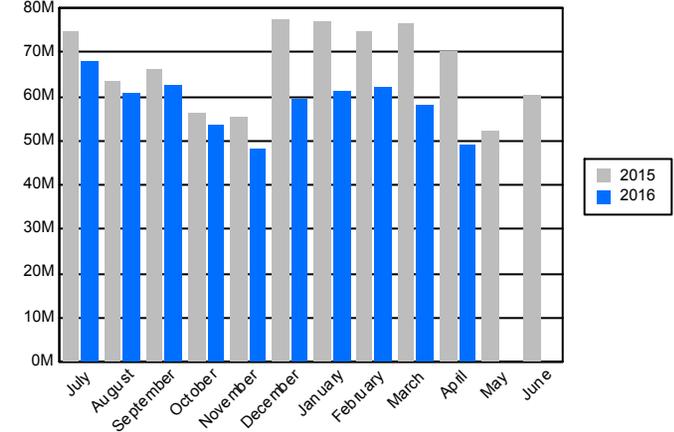
Citywide Energy Usage in Millions of BTUs



Citywide CO2e Emissions (FY Cumulative)

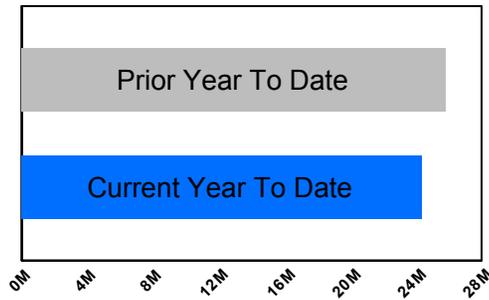


Citywide Cost

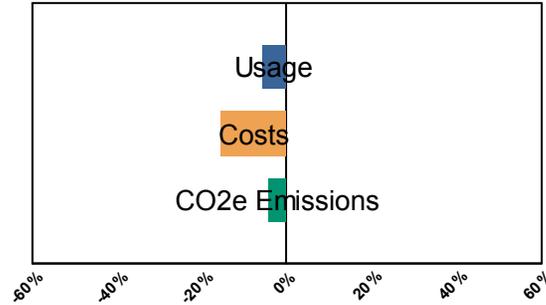


Current Year to Date compared to Prior Year to Date

Millions of BTUs



% Change



	Degree Days	
	Heating	Cooling
YTD Current FY	3,603	1,213
YTD Prior FY	4,897	846
April, 2016	355	13
April, 2015	319	5



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

April 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	24,436,290	1,951,321	1,914,458	1,895,903	1,908,660	2,129,284	2,713,793	3,360,508	3,441,898	2,816,887	2,303,578	
FY 2015	25,890,512	1,896,715	1,703,389	1,778,666	1,759,620	2,412,862	3,400,613	3,568,244	3,470,402	3,523,639	2,376,362	1,847,915 1,821,515
% Change	-5.6%	2.9%	12.4%	6.6%	8.5%	-11.8%	-20.2%	-5.8%	-0.8%	-20.1%	-3.1%	
Energy Usage By Energy Type												
Electric Demand (kw)												
FY 2016	8,453,438	951,038	928,021	993,949	946,831	809,921	764,909	753,658	769,150	766,185	769,776	
FY 2015	8,358,096	965,301	866,501	994,522	893,379	802,429	776,435	770,042	771,702	762,963	754,822	895,285 982,565
% Change	1.1%	-1.5%	7.1%	-0.1%	6.0%	0.9%	-1.5%	-2.1%	-0.3%	0.4%	2.0%	
Electric consumption (kwh)												
FY 2016	3,522,299,840	395,588,466	379,850,890	377,293,676	352,941,799	322,721,279	369,436,222	340,403,436	359,752,111	318,772,875	305,539,086	
FY 2015	3,573,664,029	401,732,039	359,035,239	375,132,752	354,172,624	328,098,560	380,773,519	350,744,527	360,463,571	356,772,631	306,738,567	334,776,102 358,038,551
% Change	-1.4%	-1.5%	5.8%	0.6%	-0.3%	-1.6%	-3.0%	-2.9%	-0.2%	-10.7%	-0.4%	
Natural gas (Therms)												
FY 2016	105,622,037	4,672,395	4,785,976	4,822,732	5,824,747	8,690,206	12,589,156	18,920,340	19,094,159	15,155,199	11,067,127	
FY 2015	114,795,667	3,706,291	3,511,587	3,610,987	4,481,187	11,081,288	17,959,675	20,137,499	18,551,757	19,982,861	11,772,535	6,019,065 4,703,564
% Change	-8.0%	26.1%	36.3%	33.6%	30.0%	-21.6%	-29.9%	-6.0%	2.9%	-24.2%	-6.0%	
Steam (mlbs)												
FY 2016	1,658,172	119,889	124,805	112,718	108,841	142,158	173,644	274,510	272,694	191,012	137,901	
FY 2015	1,981,802	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	-16.3%	-13.6%	9.9%	-8.2%	18.4%	-14.1%	-36.4%	-14.2%	-20.9%	-30.6%	1.2%	
Energy Cost												
Total Cost												
FY 2016	\$582,040,939	\$67,815,229	\$60,748,953	\$62,375,599	\$53,564,927	\$48,118,422	\$59,366,518	\$61,102,779	\$61,864,498	\$58,127,466	\$48,956,550	
FY 2015	\$691,256,150	\$74,808,944	\$63,377,006	\$65,959,196	\$56,407,884	\$55,249,662	\$77,404,287	\$76,901,936	\$74,455,323	\$76,449,810	\$70,242,102	\$52,225,985 \$60,099,420
% Change	-15.8%	-9.3%	-4.1%	-5.4%	-5.0%	-12.9%	-23.3%	-20.5%	-16.9%	-24.0%	-30.3%	
Energy Cost By Energy Type												
Electricity												
FY 2016	\$466,060,235	\$62,828,739	\$56,088,216	\$57,758,537	\$48,244,834	\$38,033,985	\$44,432,454	\$39,817,648	\$40,035,224	\$41,055,866	\$37,764,732	
FY 2015	\$538,054,040	\$69,242,014	\$58,501,566	\$60,912,209	\$51,051,629	\$41,126,895	\$53,031,818	\$48,349,027	\$48,272,116	\$50,587,109	\$56,979,655	\$46,184,686 \$55,060,864
% Change	-13.4%	-9.3%	-4.1%	-5.2%	-5.5%	-7.5%	-16.2%	-17.6%	-17.1%	-18.8%	-33.7%	
Natural Gas												
FY 2016	\$72,040,824	\$3,207,719	\$2,818,151	\$2,916,337	\$3,562,090	\$5,848,830	\$9,670,584	\$13,346,508	\$13,262,153	\$10,658,359	\$6,750,094	
FY 2015	\$93,686,152	\$3,417,491	\$3,088,319	\$3,222,913	\$3,787,336	\$8,627,726	\$15,735,018	\$18,085,996	\$14,242,056	\$15,238,671	\$8,240,625	\$4,403,579 \$3,288,003
% Change	-23.1%	-6.1%	-8.7%	-9.5%	-5.9%	-32.2%	-38.5%	-26.2%	-6.9%	-30.1%	-18.1%	
Steam												
FY 2016	\$43,939,881	\$1,778,771	\$1,842,586	\$1,700,726	\$1,758,003	\$4,235,607	\$5,263,480	\$7,938,623	\$8,567,121	\$6,413,241	\$4,441,723	
FY 2015	\$59,515,959	\$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	-26.2%	-17.2%	3.1%	-6.8%	12.1%	-22.9%	-39.1%	-24.2%	-28.3%	-39.6%	-11.6%	