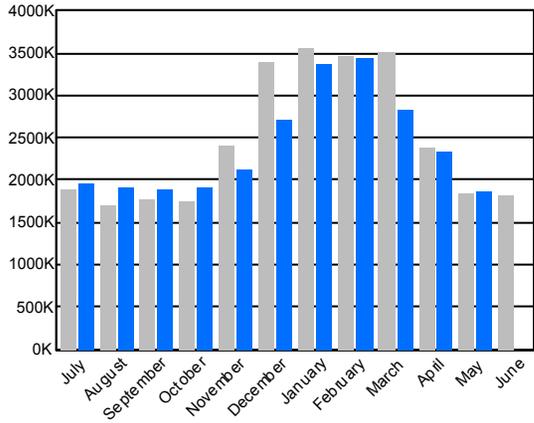




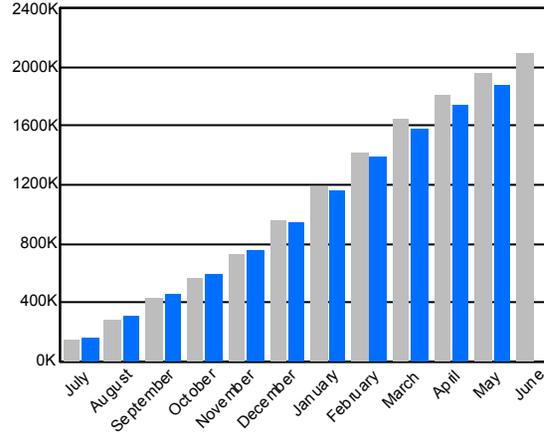
Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

May 2016

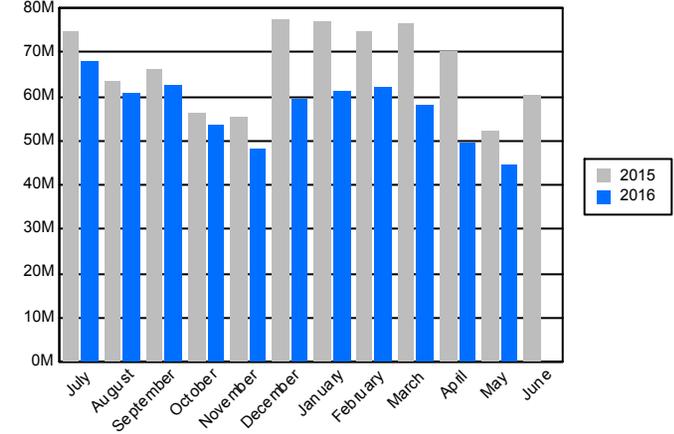
Citywide Energy Usage in Millions of BTUs



Citywide CO2e Emissions (FY Cumulative)

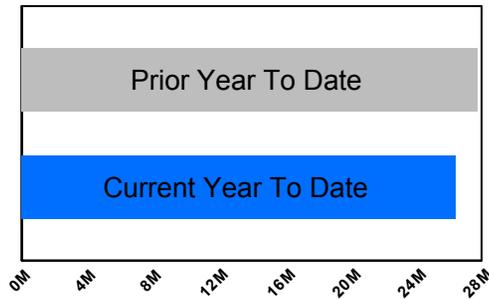


Citywide Cost

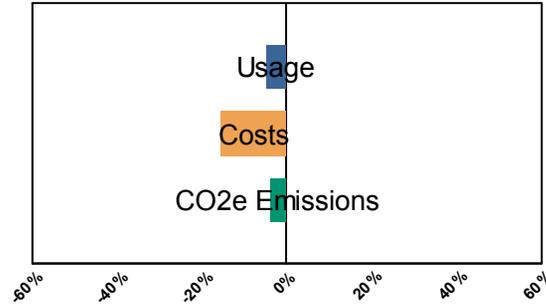


Current Year to Date compared to Prior Year to Date

Millions of BTUs



% Change



	Degree Days	
	Heating	Cooling
YTD Current FY	3,762	1,313
YTD Prior FY	4,934	1,000
May, 2016	159	100
May, 2015	37	154



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

May 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	26,374,592	1,951,453	1,914,770	1,899,437	1,912,592	2,131,917	2,717,137	3,367,440	3,449,464	2,822,249	2,342,564	1,865,570	
FY 2015	27,739,272	1,896,701	1,703,373	1,778,664	1,759,625	2,412,867	3,400,538	3,568,252	3,470,639	3,523,943	2,376,590	1,848,080	1,821,463
% Change	-4.9%	2.9%	12.4%	6.8%	8.7%	-11.6%	-20.1%	-5.6%	-0.6%	-19.9%	-1.4%	0.9%	
Energy Usage By Energy Type													
Electric Demand (kw)													
FY 2016	9,311,046	950,996	927,924	993,947	946,737	809,637	764,564	753,570	768,949	765,730	776,142	852,850	
FY 2015	9,253,616	965,332	866,533	994,560	893,418	802,462	776,357	770,059	771,735	762,995	754,852	895,313	982,554
% Change	0.6%	-1.5%	7.1%	-0.1%	6.0%	0.9%	-1.5%	-2.1%	-0.4%	0.4%	2.8%	-4.7%	
Electric consumption (kwh)													
FY 2016	3,829,243,560	395,560,595	379,835,295	377,284,103	352,930,854	322,669,917	369,269,160	340,305,145	359,587,745	318,597,746	306,397,398	306,805,602	
FY 2015	3,908,362,253	401,727,909	359,030,490	375,127,677	354,169,325	328,095,892	380,746,458	350,731,472	360,458,506	356,771,264	306,736,552	334,766,708	358,031,182
% Change	-2.0%	-1.5%	5.8%	0.6%	-0.3%	-1.7%	-3.0%	-3.0%	-0.2%	-10.7%	-0.1%	-8.4%	
Natural gas (Therms)													
FY 2016	113,221,760	4,674,666	4,789,622	4,858,399	5,864,440	8,718,280	12,628,300	18,993,015	19,175,423	15,214,805	11,432,535	6,872,275	
FY 2015	120,825,845	3,706,291	3,511,587	3,611,141	4,481,351	11,081,437	17,959,855	20,138,026	18,554,291	19,985,941	11,774,883	6,021,042	4,703,295
% Change	-6.3%	26.1%	36.4%	34.5%	30.9%	-21.3%	-29.7%	-5.7%	3.3%	-23.9%	-2.9%	14.1%	
Steam (mlbs)													
FY 2016	1,775,191	119,889	124,805	112,718	108,841	142,158	173,644	274,510	272,694	191,012	137,468	117,452	
FY 2015	2,074,372	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	-14.4%	-13.6%	9.9%	-8.2%	18.4%	-14.1%	-36.4%	-14.2%	-20.9%	-30.6%	0.9%	26.9%	
Energy Cost													
Total Cost													
FY 2016	\$627,565,777	\$67,814,136	\$60,748,395	\$62,394,319	\$53,583,418	\$48,131,792	\$59,387,797	\$61,151,260	\$61,921,707	\$58,168,851	\$49,548,000	\$44,716,104	
FY 2015	\$743,492,526	\$74,809,715	\$63,376,549	\$65,959,890	\$56,408,897	\$55,250,407	\$77,399,840	\$76,902,013	\$74,457,693	\$76,453,166	\$70,245,559	\$52,228,795	\$60,098,887
% Change	-15.6%	-9.4%	-4.1%	-5.4%	-5.0%	-12.9%	-23.3%	-20.5%	-16.8%	-23.9%	-29.5%	-14.4%	
Energy Cost By Energy Type													
Electricity													
FY 2016	\$504,863,001	\$62,825,597	\$56,084,891	\$57,758,003	\$48,241,253	\$38,024,516	\$44,415,263	\$39,810,861	\$40,028,159	\$41,042,161	\$38,130,706	\$38,501,591	
FY 2015	\$584,237,976	\$69,242,819	\$58,501,140	\$60,912,733	\$51,052,466	\$41,127,519	\$53,027,168	\$48,348,549	\$48,272,549	\$50,587,887	\$56,980,276	\$46,184,870	\$55,060,146
% Change	-13.6%	-9.3%	-4.1%	-5.2%	-5.5%	-7.5%	-16.2%	-17.7%	-17.1%	-18.9%	-33.1%	-16.6%	
Natural Gas													
FY 2016	\$76,729,990	\$3,209,768	\$2,820,917	\$2,935,590	\$3,584,162	\$5,871,669	\$9,709,053	\$13,401,776	\$13,326,427	\$10,713,449	\$6,989,682	\$4,167,495	
FY 2015	\$98,100,870	\$3,417,456	\$3,088,287	\$3,223,084	\$3,787,513	\$8,627,848	\$15,735,223	\$18,086,550	\$14,243,993	\$15,241,250	\$8,243,462	\$4,406,205	\$3,288,189
% Change	-21.8%	-6.1%	-8.7%	-8.9%	-5.4%	-31.9%	-38.3%	-25.9%	-6.4%	-29.7%	-15.2%	-5.4%	
Steam													
FY 2016	\$45,972,786	\$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	\$4,427,612	\$2,047,017	
FY 2015	\$61,153,679	\$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	-24.8%	-17.2%	3.1%	-6.8%	12.1%	-22.9%	-39.1%	-24.2%	-28.3%	-39.6%	-11.8%	25.0%	