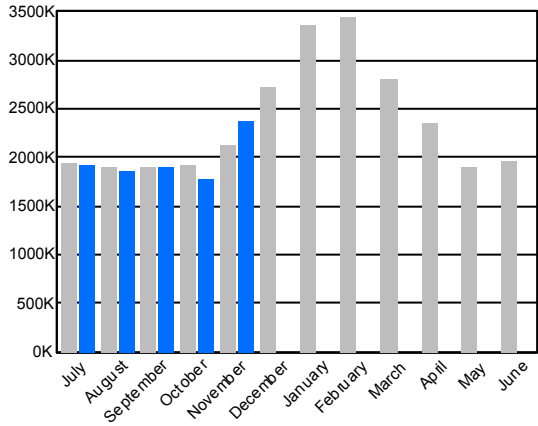




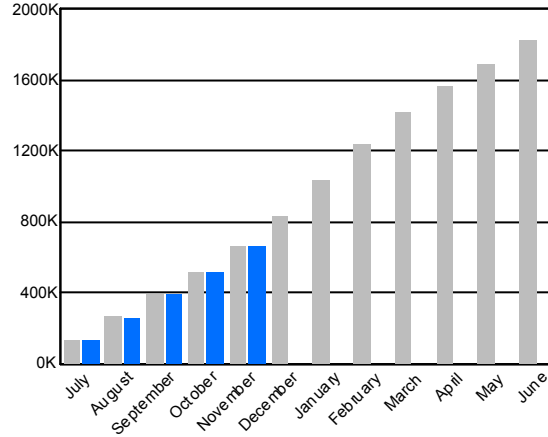
Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

November 2016

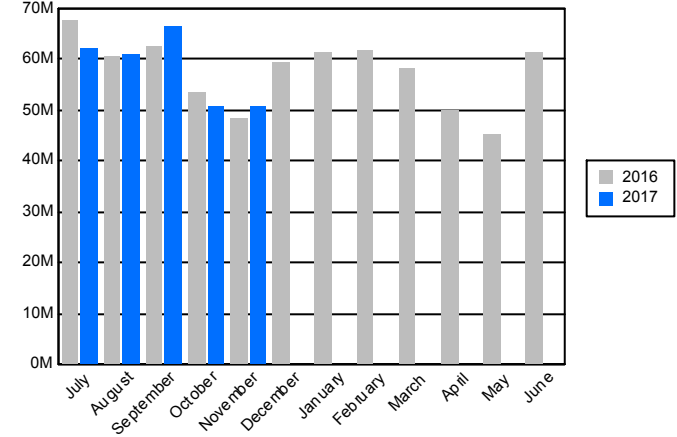
Citywide Energy Usage in Millions of BTUs



Citywide CO2e Emissions (FY Cumulative)

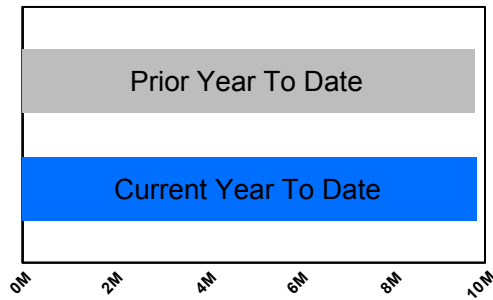


Citywide Cost

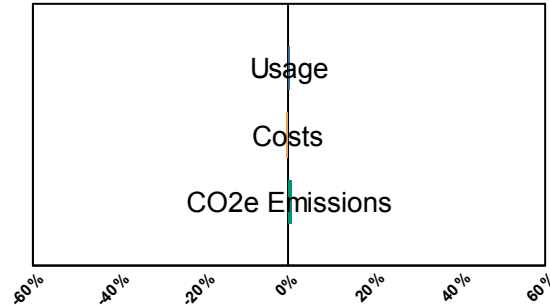


Current Year to Date compared to Prior Year to Date

Millions of BTUs



% Change



	Degree Days	
	Heating	Cooling
YTD Current FY	687	1,135
YTD Prior FY	591	1,191
November, 2016	453	0
November, 2015	367	5



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

November 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 2017	9,835,064	1,920,244	1,855,028	1,900,229	1,780,773	2,378,790							
FY 2016	9,804,770	1,952,096	1,909,930	1,899,783	1,913,306	2,129,655	2,724,442	3,365,855	3,436,342	2,807,492	2,351,697	1,894,117	1,965,867
% Change	0.3%	-1.6%	-2.9%	0.0%	-6.9%	11.7%							
Energy Usage By Energy Type													
Electric Demand (kw)													
FY 2017	4,571,183	970,347	940,876	991,325	888,181	780,454							
FY 2016	4,634,374	950,724	928,467	994,976	947,730	812,477	766,451	756,853	771,142	773,231	781,308	851,926	948,197
% Change	-1.4%	2.1%	1.3%	-0.4%	-6.3%	-3.9%							
Electric consumption (kwh)													
FY 2017	1,884,038,588	387,372,250	389,371,240	411,496,724	338,271,982	357,526,392							
FY 2016	1,829,845,999	395,703,016	380,010,791	377,745,726	353,388,252	322,998,214	369,708,388	340,525,166	360,070,994	318,512,833	307,772,751	307,454,572	393,547,840
% Change	3.0%	-2.1%	2.5%	8.9%	-4.3%	10.7%							
Natural gas (Therms)													
FY 2017	27,509,207	4,719,370	3,990,752	3,772,950	5,224,062	9,802,073							
FY 2016	28,791,566	4,676,243	4,735,237	4,846,206	5,856,255	8,677,625	12,664,844	18,955,704	19,014,785	15,057,987	11,470,449	7,128,948	5,030,770
% Change	-4.5%	0.9%	-15.7%	-22.1%	-10.8%	13.0%							
Steam (mlbs)													
FY 2017	585,331	112,968	113,705	106,067	92,952	159,639							
FY 2016	608,988	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	-3.9%	-5.8%	-8.9%	-5.9%	-14.6%	11.8%							
Energy Cost													
Total Cost													
FY 2017	\$291,293,362	\$62,248,177	\$60,865,984	\$66,558,533	\$50,725,228	\$50,895,441							
FY 2016	\$292,848,690	\$67,822,736	\$60,742,152	\$62,446,971	\$53,625,624	\$48,211,206	\$59,554,509	\$61,250,991	\$61,927,958	\$58,333,035	\$50,010,640	\$45,056,058	\$61,200,931
% Change	-0.5%	-8.2%	0.2%	6.6%	-5.4%	5.6%							
Energy Cost By Energy Type													
Electricity													
FY 2017	\$262,045,219	\$57,621,983	\$56,493,385	\$62,428,542	\$45,799,398	\$39,701,912							
FY 2016	\$263,161,658	\$62,832,740	\$56,110,299	\$57,817,408	\$48,287,188	\$38,114,023	\$44,496,059	\$39,910,011	\$40,109,681	\$41,275,345	\$38,433,313	\$38,660,920	\$56,363,125
% Change	-0.4%	-8.3%	0.7%	8.0%	-5.2%	4.2%							
Natural Gas													
FY 2017	\$17,143,357	\$2,994,457	\$2,462,979	\$2,370,161	\$3,250,105	\$6,065,655							
FY 2016	\$18,368,128	\$3,211,225	\$2,789,266	\$2,930,209	\$3,582,246	\$5,855,181	\$9,765,596	\$13,374,516	\$13,225,682	\$10,624,023	\$7,136,480	\$4,335,196	\$3,161,019
% Change	-6.7%	-6.8%	-11.7%	-19.1%	-9.3%	3.6%							
Steam													
FY 2017	\$12,104,786	\$1,631,737	\$1,909,621	\$1,759,830	\$1,675,725	\$5,127,874							
FY 2016	\$11,318,904	\$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	6.9%	-8.3%	3.6%	3.6%	-4.6%	20.9%							