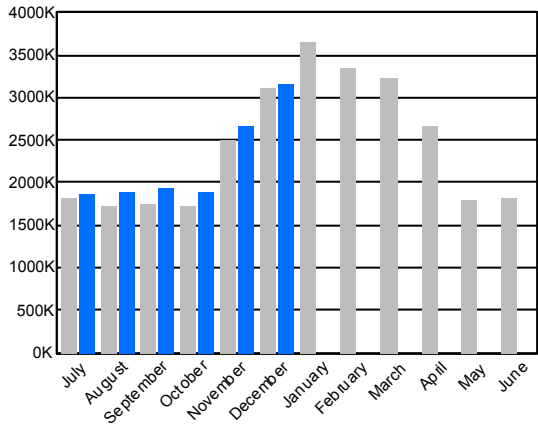




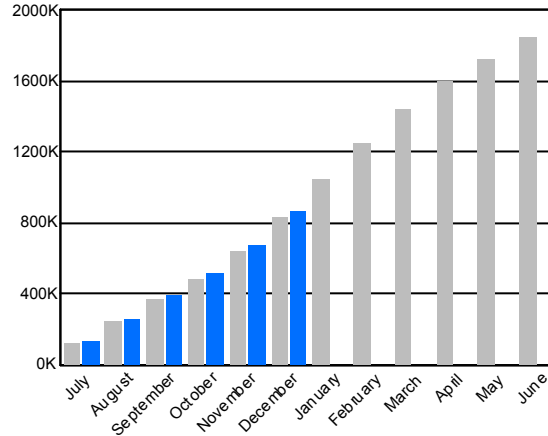
Core Report Citywide Total from Heat/Light/Power Expenditures: Energy Cost, Usage, and CO2e Emissions

December 2018

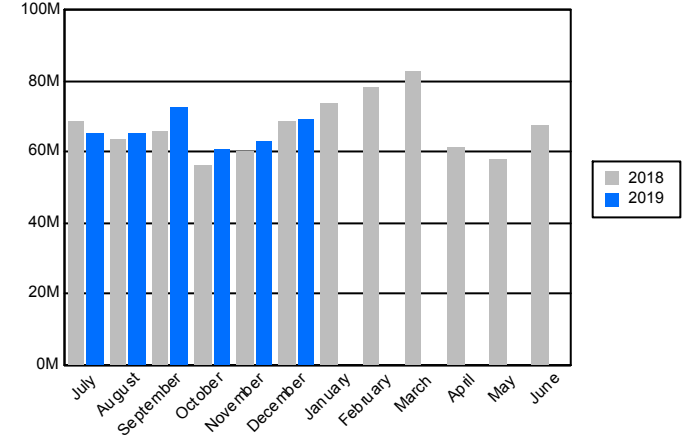
Citywide Energy Usage in Millions of BTUs



Citywide CO2e Emissions (FY Cumulative)

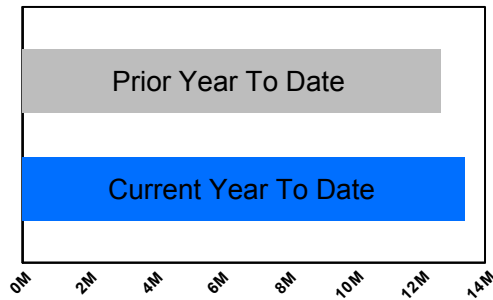


Citywide Cost

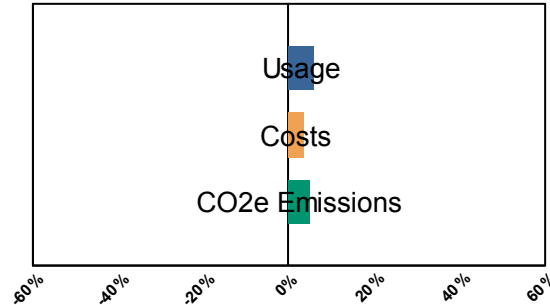


Current Year to Date compared to Prior Year to Date

Millions of BTUs



% Change



	Degree Days	
	Heating	Cooling
YTD Current FY	1,675	1,077
YTD Prior FY	1,582	933
December, 2018	764	0
December, 2017	920	0



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

December 2018

Year To Date	July	August	September	October	November	December	January	February	March	April	May	June	
<b>Energy Usage</b>													
<b>Total Energy in Millions of BTUs</b>													
FY 2019	13,425,137	1,873,832	1,896,264	1,942,468	1,899,136	2,663,965	3,149,471						
FY 2018	12,658,325	1,823,302	1,717,624	1,759,709	1,725,067	2,508,876	3,123,748	3,645,577	3,341,677	3,220,800	2,671,051	1,805,836	1,814,370
% Change	6.1%	2.8%	10.4%	10.4%	10.1%	6.2%	0.8%						
<b>Energy Usage By Energy Type</b>													
<b>Electric Demand (kw)</b>													
FY 2019	5,339,702	946,619	924,752	1,015,201	929,339	779,893	743,898						
FY 2018	5,259,225	951,178	892,061	925,923	947,698	792,714	749,651	750,807	745,469	731,256	751,501	886,852	954,789
% Change	1.5%	-0.5%	3.7%	9.6%	-1.9%	-1.6%	-0.8%						
<b>Electric consumption (kwh)</b>													
FY 2019	2,159,047,618	376,218,959	375,893,030	393,598,230	340,289,549	345,301,122	327,746,728						
FY 2018	2,157,122,676	380,347,234	367,556,664	370,019,606	354,143,806	349,189,440	335,865,926	345,834,915	350,826,290	320,571,759	303,495,709	320,150,415	372,629,245
% Change	0.1%	-1.1%	2.3%	6.4%	-3.9%	-1.1%	-2.4%						
<b>Natural gas (Therms)</b>													
FY 2019	51,191,830	4,741,744	5,020,142	4,898,072	6,084,643	12,709,332	17,737,897						
FY 2018	44,150,956	4,044,267	3,578,227	3,933,846	4,268,731	11,141,195	17,184,690	20,911,942	19,042,649	18,683,416	14,514,307	6,193,389	4,512,257
% Change	15.9%	17.2%	40.3%	24.5%	42.5%	14.1%	3.2%						
<b>Steam (mlbs)</b>													
FY 2019	838,830	103,495	99,650	97,845	115,705	192,018	230,117						
FY 2018	788,566	108,085	94,282	92,597	80,113	181,683	231,806	334,815	214,864	231,249	164,512	83,983	81,778
% Change	6.4%	-4.2%	5.7%	5.7%	44.4%	5.7%	-0.7%						
<b>Energy Cost</b>													
<b>Total Cost</b>													
FY 2019	\$395,839,544	\$65,449,831	\$65,438,276	\$72,227,646	\$60,471,401	\$63,124,843	\$69,127,546						
FY 2018	\$383,111,441	\$68,677,415	\$63,539,086	\$65,484,059	\$56,303,936	\$60,275,476	\$68,831,469	\$73,458,832	\$78,298,786	\$82,502,291	\$61,096,683	\$57,939,249	\$67,534,561
% Change	3.3%	-4.7%	3.0%	10.3%	7.4%	4.7%	0.4%						
<b>Energy Cost By Energy Type</b>													
<b>Electricity</b>													
FY 2019	\$331,667,441	\$59,615,297	\$59,520,695	\$66,824,269	\$53,780,317	\$46,435,988	\$45,490,874						
FY 2018	\$329,824,163	\$63,545,675	\$59,141,838	\$60,915,561	\$51,429,496	\$46,366,360	\$48,425,231	\$45,248,280	\$51,810,612	\$58,638,794	\$42,253,633	\$49,900,098	\$61,627,777
% Change	0.6%	-6.2%	0.6%	9.7%	4.6%	0.2%	-6.1%						
<b>Natural Gas</b>													
FY 2019	\$44,085,981	\$4,203,158	\$4,313,226	\$3,766,633	\$4,773,213	\$10,507,430	\$16,522,322						
FY 2018	\$34,574,060	\$3,356,995	\$2,878,424	\$3,120,321	\$3,580,086	\$8,107,932	\$13,530,302	\$16,903,936	\$18,491,171	\$16,179,337	\$13,224,116	\$6,367,073	\$4,565,384
% Change	27.5%	25.2%	49.8%	20.7%	33.3%	29.6%	22.1%						
<b>Steam</b>													
FY 2019	\$20,086,122	\$1,631,376	\$1,604,354	\$1,636,744	\$1,917,871	\$6,181,425	\$7,114,351						
FY 2018	\$18,713,219	\$1,774,744	\$1,518,824	\$1,448,177	\$1,294,354	\$5,801,184	\$6,875,936	\$11,306,617	\$7,997,003	\$7,684,160	\$5,618,934	\$1,672,078	\$1,341,400
% Change	7.3%	-8.1%	5.6%	13.0%	48.2%	6.6%	3.5%						