



Energy Summary

December 31, 2017

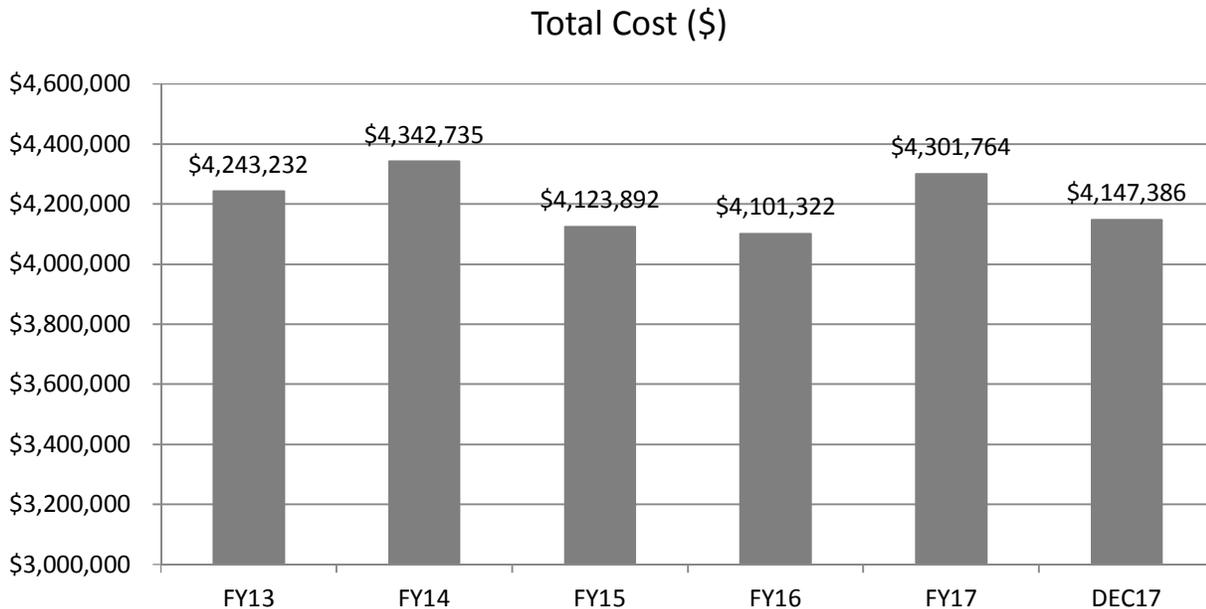
Town of West Hartford

For 12 months ended December 31, 2017

COST	Town	%	WHPS	%	Total
Electricity (\$)	\$1,420,498	43%	\$1,851,224	57%	\$3,271,722
Natural Gas (\$)	\$248,706	28%	\$626,958	72%	\$875,664
Total Cost (\$)	\$1,669,204	40%	\$2,478,182	60%	\$4,147,386

USE	Town	%	BOE	%	Total
Electricity (kWh)	8,870,014	47%	10,170,630	53%	19,040,643
Natural Gas (CCF)	287,086	26%	830,188	74%	1,117,274
Total Energy (MMBtu)	59,720	33%	119,879	67%	179,599

5-Year Cost Performance



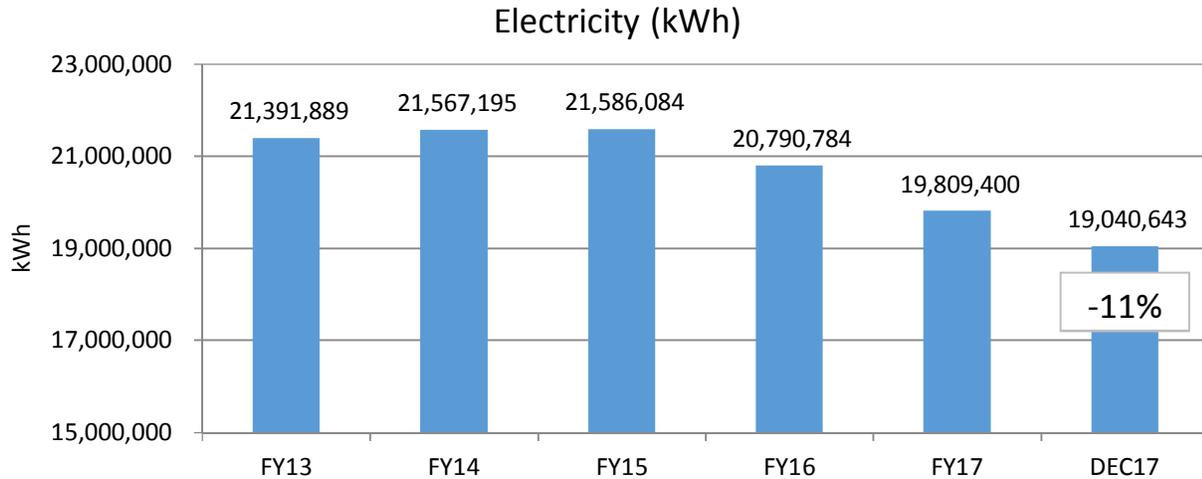
Despite recent rate increases (especially in electricity delivery), decreases in energy use due to conservation measures have helped keep the Town's annual energy costs relatively flat.



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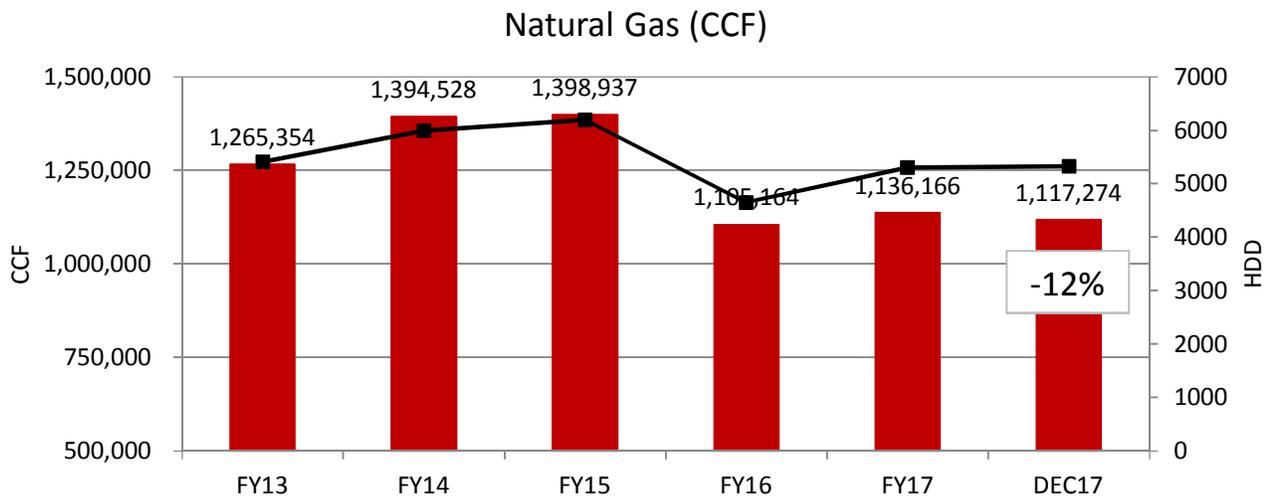
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5-Year Electricity Performance



Annual electricity use has dropped by about 11% due to investments in conservation measures, including LED street lighting, interior/exterior lighting, and building control systems. Reductions in use will continue as project benefits are realized and additional projects are completed.

5-Year Natural Gas Performance



Annual natural gas use is 12% lower than in FY13. But, natural gas increases during cold weather, as indicated by the number of heating degree days (HDD). Taking weather into account, annual use is down about 10% over 5 years. Additional building control system projects and large heating system capital improvements will result in further reductions.



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*5-Year Change is not adjusted for weather.

Town Buildings

Site	Sq Ft	kWh	CCF	Energy Use per SqFt	5-Year Change*
Town Hall	142,615	805,248	26,002	38.0	-19%
Gemini/130 S Main	4,576	309,312	-	230.6	129%
Department of Public Works	34,450	264,515	36,921	136.2	-9%
Police	68,855	714,900	26,463	74.9	-25%
Fire Station #1	7,892	39,554	4,025	69.4	7%
Fire Station #2	11,112	79,040	6,222	81.7	2%
Fire Station #3	9,015	98,480	5,791	103.2	-5%
Fire Station #4	6,274	64,212	2,995	83.9	-12%
Fire Station #5	4,477	41,216	2,792	95.4	-38%
Noah Webster Library	56,556	556,704	8,292	48.6	-10%
Bishops Corner Library/Senior	14,992	148,710	4,524	64.8	-19%
Faxon Library	12,435	70,875	4,990	60.6	-1%
Elmwood Community Center	68,744	291,680	29,737	58.9	-5%
Cornerstone	47,930	1,190,240	80,819	257.7	-7%
Verterans Mem Ice Rink	37,765	738,655	34,600	160.7	-12%
Isham Garage	169,954	388,416	-	7.8	-1%
Memorial Garage	199,354	397,426	-	6.8	-13%
Street Lights	n/a	1,865,838	-		-34%
Traffic Lights	n/a	206,573	-		-7%
Other (not tracked previously)	n/a	113,662	7,153		n/a
Other (parks, etc)	n/a	484,758	5,760		-10%
Total Town		8,870,014	287,086		-12%

WHPS Buildings

Site	Sq Ft	kWh	CCF	Energy Use per SqFt	5-Year Change*
Aiken ES	58,411	317,240	30,323	71.8	-13%
Braeburn ES	59,312	379,520	18,176	53.3	-5%
Bristow MS	103,900	620,472	33,374	53.3	1%
Bugbee ES	62,857	314,720	52,872	103.4	0%
Charter Oak ES	83,458	638,994	2,580	29.3	-67%
Conard HS	287,874	1,893,113	121,932	65.9	-16%
Duffy ES	80,683	390,240	53,336	84.3	-2%
Hall HS	291,593	1,657,216	79,936	47.5	-19%
King Philip MS	196,257	913,440	113,245	75.1	-10%
Morley ES	61,593	198,240	29,660	60.4	-9%
Norfeltd ES	62,846	312,851	26,550	60.3	-4%
Sedgwick MS	179,850	1,067,100	56,203	52.3	0%
Smith ES	66,329	422,400	23,063	57.4	-20%
Webster Hill ES	70,092	248,320	62,466	103.5	2%
Whiting Lane ES	96,817	345,120	76,914	93.7	-1%
Wolcott ES	75,073	387,520	31,138	60.2	-5%
Total WHPS	1,836,945	10,170,630	830,188	65.3	-10%