



From holiday lights to listening to Christmas carols on repeat, the holidays can take a toll on your home's energy consumption. Here are a few ways you can reduce the extra energy usage.

- **Plug decorations into power strips.** Even when you aren't using lights and electronics, they still draw small amounts of energy -- at an average cost of \$100 a year for American households. Plug your electronics into a power strip and turn it off to reduce your energy bills.
- **Install light timers.** Timer controls allow you to turn lights on and off at specific times, while staying in the holiday spirit.
- **Use LED Lights.** In addition to being sturdier and more resistant to breakage, LED holiday lights also last longer and consume 70 percent less energy than conventional incandescent light strands. It only costs \$0.27 to light a 6-foot tree for 12 hours a day for 40 days with LEDs compared to \$10 for incandescent lights.

[Click here for more ways to lower consumption and energy costs.](#)

Classroom Resources

DMPS Energy Team is available to discuss energy efficiency. Director of Facilities Jamie Wilkerson and Energy and Environmental Specialist Dave Berger would like to visit interested schools and classes. From light bulb efficiency to heating and cooling, discussions are intended to educate students on the efforts the District is making and how they, too, can make an impact. To schedule a visit, please contact Sarah Holland at extension 7860.

For online tools check out the link below.

[EPA—Learning and Teaching about the Environment](#)

From the desk of

Nate Rivera, Dominic Dominguz, and Braeden Thogvanh—Lincoln High Students.



As part of our energy activities we are looking at wind and solar. We have a training platform in the back of the room. We've been assigned four assignments involving the platform. Our most recent assignment was to name and identify parts of the platform. The training platform is a hands on training system. The program forms a complete hybrid energy training system it demonstrates how wind turbines and solar panels are used to produce energy. The students start to gain understanding of what goes on with energy produced by solar panels and turbines. The job sheet #4 which is the most recent project connected to the training platform is asking to describe each different part of the platform.



Did you miss out on this month's Energy Tip? Click [here](#) to catch up.

ENERGY REPORT CARD

There was an 11% decrease in the total number of degree days during the comparison timeframe. Degree days provide a way to evaluate the amount of fuel required to heat or cool a building by comparing average daily temperatures to a standard temperature of 65°.

SITE ENERGY USAGE REPORT

October 1, 2014 to September 30, 2015

Percentage change compared to same time period of previous year.

Site	Total Energy (mBtu)	kBtu/SqFt	% Change	ENERGY STAR Score	Site	Total Energy (mBtu)	kBtu/SqFt	% Change	ENERGY STAR Score
Stowe	1,580	27.7	-40.63%	96	Riverwoods	3,456	55.5	-8.19%	85
North	10,823	43.4	-38.05%	91	Hoover/Meredith***	17,773	59.4	-7.88%	85
Central Campus	27,598	60.4	-29.10%	86	Moulton	7,149	58.8	-7.43%	91
Van Meter	4,632	80.8	-26.57%	70	Lincoln	23,074	73.8	-7.04%	81
Lincoln RAILS	6,057	56.9	-25.14%	50	Edmunds	1,500	19.6	-6.89%	97
Dean Ave	3,400	34.9	-24.01%	75	McKee	758	17.5	-6.51%	97
East	24,021	69.8	-19.70%	81	Hubbell	2,720	51	-6.08%	88
Studebaker	1,651	36.4	-19.32%	90	Carver	2,188	23.9	-5.90%	95
Phillips	2,042	48.7	-18.38%	88	Garton	3,055	46.5	-5.23%	68
Roosevelt	16,578	69.3	-17.39%	70	Oak Park	2,063	34.7	-4.55%	90
Cattell	1,989	41.6	-17.37%	99	Goodrell	3,112	28.2	-4.38%	96
McCombs	3,407	38.6	-17.21%	96	Morris	1,758	24.9	-3.98%	98
Monroe	3,900	52.7	-16.44%	86	Pleasant Hill	1,026	24.9	-2.97%	97
Walker Street	2,111	46	-16.43%	47	Merrill	4,815	51.1	-2.49%	96
CNC	12,507	222.6	-14.43%	N/A	Hanawalt	1,492	34.5	-2.43%	91
Harding	4,521	36.1	-14.33%	95	Samuelson	2,080	35.4	-2.35%	88
King	1,199	22.1	-14.29%	99	Cowles	1,883	44	-2.31%	63
Capitol View	3,004	39.7	-13.62%	97	Howe	1,358	35.3	-2.28%	80
Hoyt	5,728	56.9	-13.34%	95	Hiatt	3,627	33	-2.08%	86
Willard	2,536	42.8	-13.26%	90	Brubaker	2,452	31.3	-1.73%	94
Central Academy	4,624	53.5	-12.87%	56	Jackson	1,418	31.1	-1.71%	96
Walnut Street	7,721	66.3	-12.69%	40	South Union	2,136	31.2	-1.27%	94
Smouse	5,850	108.7	-12.45%	40	Wright	1,154	38.1	0.38%	78
Weeks	5,023	44.7	-12.17%	92	Findley	1,460	33.5	1.04%	91
Windsor	1,547	25.6	-11.96%	96	Woodlawn	1,095	23.5	2.20%	N/A
Greenwood	1,704	27.6	-11.08%	94	Mitchell	1,217	38.4	2.42%	65
Prospect	5,285	100.5	-10.51%	41	Brody	6,529	66.6	3.18%	81
Jefferson	1,494	32.6	-9.21%	77	Park Avenue	2,033	31.3	3.96%	95
McKinley	2,621	52.4	-8.89%	86	Callanan	5,086	43.8	5.23%	89
Lovejoy	1,559	39.8	-8.82%	82	Hillis	1,893	32.8	11.27%	92
Perkins	1,561	26.9	-8.32%	97	Welcome Center*	895	103	58.48%	N/A
Madison	1,580	37.6	-8.30%	97	Moore**	N/A	N/A	N/A	N/A

Only buildings with a score of 75 or higher are eligible for ENERGY STAR Certification

Green = Decrease in energy use

Yellow = Maintained usage within 10%

Red = Increase in energy use

* Welcome Center has a large increase due to the addition of the walk-in freezer.

** No data available for Moore due to renovations.

*** Hoover/Meredith buildings are combined due to combined meters.

Visit www.dmschools.org for more details of the district's energy mission and building performance. Do you want to share your ideas for saving energy or helping our environment? Or want to let us know about your projects? Tell us about it! E-mail Sarah.Holland@dmschools.org