

Findley Elementary Battle of the Buildings Top Finisher



#1 School in the Nation
For Energy Reduction
Education Category



SAVINGS

- 29% energy savings
- \$33,700 estimated cost savings
- 58 MtCO_{2e} greenhouse gas emissions

A hybrid geothermal and variable refrigerant flow heating and cooling system replaced the building's outdated steam heating system and now provides cooling throughout the entire facility. Findley's renovation last year also included the installation of high efficiency windows and doors, increased fresh air by improving ventilation, low wattage fluorescent and LED lighting with occupancy controls, and improved building envelope insulation.



How Do They Do That? Smart Appliances

MidAmerican Energy

The District's energy usage is down 13% from last fiscal year. Let's keep up the good work and keep energy consumption down. Flip to Page 2 to

see how your building measures up.



The term smart appliance has become a common catch phrase for the next generation of home appliances designed to reduce energy use and change the way we live. Major manufacturers, such as General Electric (GE) and Whirlpool, have introduced new lines of smart appliance products, but what exactly is a smart appliance and does it save energy?

Smart refrigerators can shift the defrost cycle to when it's cheaper, or alert you if the door is ajar. Smart dishwashers air dry dishes automatically during peak periods and adjust the water temperature and cycle time to load size, cutting energy use by up to 25 percent. Brainy washing machines automatically default to the low-energy wash cycle when rates are higher.

[Click here](#) to learn more about how smart appliances work.



ENERGY REPORT CARD

SITE ENERGY USAGE REPORT: March 2015

Percentage change compared to same time period of previous year

*kBtu/SqFt for period of March 2014-March 2015

Site	Total Energy (MBtu)	kBtu/SqFt*	% Chg	ENERGY STAR Score		Site	Total Energy (MBtu)	kBtu/SqFt*	% Chg	ENERGY STAR Score	
Lincoln Rails	431	57.8	-65.9%	62		Samuelson	220	37.7	-13.3%	*84	
Stowe	149	33.9	-57.4%	*90		Jefferson	140	34.5	-11.8%	72	
North	1,206	49.1	-48.1%	*89		South Union	192	31.7	-11.6%	*94	
Roosevelt	1,686	75.3	-38.3%	62		Morris	167	25.6	-11.4%	*97	
Studebaker	195	40.5	-38.3%	*85		River Woods	381	61.4	-9.4%	*79	
CNC	1,097	247.1	-33.1%	N/A		Madison	159	38.3	-9.4%	*96	
Smouse	580	114.9	-32.6%	52		Hoyt	637	60.6	-9.3%	*93	
Monroe	354	54.1	-32.1%	*87		Brubaker	221	31.7	-9%	*94	
Hillis	148	34.8	-27.6%	*90		Greenwood	174	29	-8.5%	*93	
Central Campus	2,892	64.1	-27.2%	*85		McCombs	452	41.1	-8.4%	*95	
Dean Operations Center	385	37.1	-27.2%	*76		Goodrell	311	28.8	-8.1%	*95	
Walker Street	202	42	-26.6%	51		Hiatt	383	32.8	-7.9%	*87	
Moulton	760	65.6	-26%	*87		Howe	126	34.9	-7.9%	*81	
Lovejoy	156	42	-25.7%	*79		Pleasant Hill	112	25.5	-7%	*96	
King	122	23.4	-25.1%	*98		Oak Park	207	33.9	-5.7%	*90	
McKee	70	18.1	-24.2%	*98		Walnut Street	756	73.6	-5.5%	34	
East	2,575	76.1	-23.2%	*75		Carver	214	24.6	-4.3%	*94	
Van Meter	543	100	-21.8%	37		Brody	682	70.2	-2.8%	*79	
Hubbell	265	53.3	-21.7%	*85		Merrill	505	52.6	-2.6%	*96	
Willard	260	44.8	-21.7%	*88		Lincoln	2,663	76.2	-2.5%	*78	
McKinley	241	53.3	-20.8%	*84		Park Avenue	194	33.1	-2%	*94	
Windsor	168	27	-20.3%	*94		Woodlawn	111	23.5	-1.7%	N/A	
Harding	536	37.9	-20.1%	*93		Wright	113	38.3	1.6%	*78	
Cowles	203	44.2	-19.9%	62		Hanawalt	165	35.3	4.8%	*90	
Cattell	226	47.9	-18.6%	*97		Mitchell	122	37.4	5.5%	68	
Perkins	147	28.6	-18.4%	*96		Prospect	565	104	6.5%	36	
Weeks	478	46.3	-17.8%	*89		Jackson	155	30.5	7.1%	*97	
Garton	334	48.4	-17.4%	64		Callanan	590	42.7	11.5%	*90	
Aviation Lab	87	N/A	-16.4%	N/A		Findley	154	33.2	15.9%	*91	
Edmunds	141	19.4	-16%	*97		Capitol View	437	42	37.6%	*97	
Hoover/Meredith	1,767	61.9	-15.4%	*82		Welcome Center**	102	N/A	75.7%	N/A	
Phillips	233	50.7	-15.2%	*86		JFT@Casady***	159	N/A	N/A	N/A	
Central Academy	516	40.2	-13.8%	*78							

*Only buildings with a score of 75 or higher are eligible to apply for ENERGY STAR certification.

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

***Casady was completed in 2014. Prior year data is unavailable.

- Increase in energy use
- Maintained usage within 10%
- Decrease in energy usage

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! Email