DesMoines PUBLIC SCHOOLS

ENERGY REPORT CARD

May 2017

SUMMER SHUTDOWN GUIDELINES

1. Remove all materials from heating/ventilation units and vents. Optimal ventilation is critical to building performance.
2. Take all plants and animals home.
3. Turn off and unplug any task or display lighting in your room. Take home personal lighting.
4. Check the faucets in your classroom or work room to make sure they are turned off tightly. Report any leaks to your head custodian.
5. Turn off and unplug all unnecessary electric appliances (monitors, TVs, VCR/DVD players, radios, water coolers, stereos). Take home all personal electric appliances.
6. Empty, turn off, and unplug all refrigerators. Take home all personal refrigerators, if not already done.

Did you know?

* Iowa is a nationally-recognized leader in energy savings programs for all classes of customers and has heavily promoted energy efficiency programs since 1992, well before many other states in the U.S.
* More than 25 percent of Iowa's electricity comes from wind power. That's the result of more than 3200 wind turbines, the highest concentration in the country. The state hopes to up that to 40 percent by 2020.
* The United States generates more wind energy than any other country, and wind represented the largest source of all newly installed U.S. electricity generation capacity in 2015.
* In 1932, Australia declared war on emus - and lost.

DAYLIGHTING

Daylighting is the use of windows and skylights to bring sunlight into your home.

Today's highly energy-efficient windows, as well as advances in lighting design, reduce the need for artificial lighting during daylight hours without causing heating or cooling problems.

The best way to incorporate daylighting in your home depends on your climate and home's design. The sizes and locations of windows should be based on the cardinal directions rather than their effect on the street-side appearance of the house. For example:

- South-facing windows allow most winter sunlight into the home but little direct sun during the summer, especially when properly shaded
- North-facing windows admit relatively even, natural light, producing little glare and almost no unwanted summer heat gain
- East- and west-facing windows provide good daylight penetration in the morning and evening, respectively, but may cause glare, admit a lot of heat during the summer when it is usually not wanted, and contribute little to solar heating during the winter.

For more information please visit https://energy.gov/energysaver/daylighting

ENERGY REPORT CARD

SITE ENERGY USAGE REPORT

April 1, 2016 to March 31, 2017

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
Lincoln	15,200	48.6	-29.77%	94	Pleasant Hill	954	23.1	2.54%	100
Walker St	1,309	37.5	-21.21%	88	Walnut St	8,300	71.3	2.72%	16
Callanan	4,248	36.6	-17.51%	94	Hiatt	3,182	29	3.22%	98
Garton	2,192	33.4	-16.97%	92	River Woods	3,522	54.4	3.42%	95
Welcome Center	724	116.8	-15.50%	4	Perkins	1,635	25.1	3.97%	99
Mitchell	978	30.9	-13.90%	92	Phillips	1,914	45.6	4.00%	93
Moulton	5,455	44.8	-9.79%	93	Windsor	1,573	26	4.11%	98
McKinley	2,217	44.3	-8.81%	94	Edmunds	1,637	21.4	4.24%	100
Hoover/Meredith	14,891	49.8	-7.11%	97	McKee	1,108	25.5	4.39%	85
Lincoln RAILS	4,334	40.7	-7.02%	93	Van Meter	4,325	74.3	4.56%	75
Jackson	1,644	36.1	-6.66%	96	Weeks	4,586	40.8	4.57%	95
King	1,520	28.1	-5.97%	98	Carver	2,098	22.9	4.89%	99
Studebaker	1,292	28.5	-5.35%	100	North	11,441	45.8	5.08%	93
2323 Grand	2,618	52.6	-5.07%	99	Oak Park	2,089	35.1	5.40%	95
Howe	1,278	39.8	-4.85%	92	Cattell	1,946	40.5	5.61%	99
Stowe	1,928	33.9	-4.21%	94	Harding	4,274	34.1	6.36%	97
Hoyt	5,043	50.1	-3.80%	97	Brubaker	2,527	32.3	6.44%	96
Hanawalt	1,467	33.9	-3.77%	96	Lovejoy	1,499	38.3	6.53%	96
Merrill	3,950	41.9	-3.69%	99	Roosevelt	16,103	52.5	7.07%	93
South Union	1,972	28.8	-2.77%	98	Goodrell	3,130	28.3	7.25%	97
Willard	2,271	38.3	-2.21%	96	Brody	5,400	54.6	7.31%	95
Morris	2,021	28.6	-2.16%	98	Samuelson	1,658	28.3	8.85%	98
Operations	3,082	31.6	-2.08%	78	McCombs	3,097	35.1	9.24%	99
CNC	11,597	206.4	-0.70%	N/A	East	24,289	70.5	9.25%	88
Central Campus	23,949	52.4	-0.12%	92	Park Ave	2,044	31.5	9.87%	97
Hubbell	2,296	46.4	0.17%	94	Wright	1,300	42.9	13.71%	88
Monroe	3,448	46.6	0.60%	95	Cowles	2,140	48.2	14.19%	80
Taylor	1,475	32.6	0.61%	93	Jefferson	1,587	34.6	15.13%	93
Central Academy	4,171	48.3	0.90%	64	Smouse	3,027	56.2	16.81%	90
Madison	1,565	37.2	1.00%	96	Hillis	1,878	32.5	17.60%	95
Prospect	4,060	77.2	1.56%	53	Findley	1,894	43.4	41.31%	97
Woodlawn	1,140	24.5	1.71%	N/A	2100 Fleur*	2,260	61.6	N/A	88
Capitol View	2,819	37.2	2.16%	99	Moore*	1,669	32.2	N/A	95
Greenwood	1,645	26.5	2.46%	98	Mann**	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

* No comparison data for 2100 Fleur or Moore.
**No data available for Mann due to renovations.

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