

City of Wayne Newsletter

City of Wayne
Utilities

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August

Energy-Wise Tip ~ Windows



Whether you are at a home show in the middle of winter or a county fair in the middle of summer, you are likely to encounter a residential window salesperson. These representatives will likely reinforce numerous reasons why their windows are superior to the competition in quality, durability, warranty and overall value.

Indeed, windows are a critical component in your home's construction, and there are many solid reasons why you might consider upgrading your existing windows. You may think energy savings might be one of the better reasons that influence your ultimate decision. However, if it is the primary or only reason, you probably need to know some more facts about energy efficiency and windows.

It is a common and often-exaggerated claim that new window replacements will significantly reduce heating costs and pay for themselves with energy savings in no time. In reality, several studies have indicated that approximately 10 percent of a home's heating loss is through windows. The remaining 90 percent is lost through ceilings, roofs, walls, floors, doors, foundations and chimneys. If you could stop 100 percent of your heat loss through windows, you would only reduce your heating costs by 10 percent.

Nonetheless, we still hear the claim, "Our windows will reduce your heating costs by at least 50 percent!" Following this model, reducing heat loss through windows by 50 percent will only result in a 5 percent

decrease in your home's overall heat loss and, logically, a 5 percent decrease in your total heating bill.

The National Energy Assistance Directors' Association, a group of state energy aid officials, estimates that the average U.S. household will pay \$992 in heating costs this winter. So upgrading **MOST** or **ALL** the windows will save about \$50 in heating costs. Even without price quotes from sales reps, you can see it will be decades before the savings offset the cost of the new windows.

Even so, there are some excellent reasons to replace, repair or enhance existing windows. Windows do wear out over time. Panes can crack or become broken. Space between panes may no longer be airtight and allow moisture to become trapped. This is apparent when outdoor temperatures go down and the moisture condenses inside the window.

Seals in and around the window may start to let uncomfortable drafts through. Perhaps their appearance has become undesirable. At this point, you have some very valid justifications for changes and a new window's energy efficiency can help differentiate between your options.

Also remember that proper installation is critical. If a high-efficiency window is poorly installed, a lot of energy waste could still be going on. Poor seals around the frame could result in more energy loss than any other part of the window. Ask your window provider about how experienced your installer is, and make sure they use low-expansion spray foam

to close off any gaps between the window frame and your home. A simple way to start shopping for windows is to look for ENERGY STAR® certified windows, doors and skylights. To receive the ENERGY STAR label, products must undergo independent testing to assure minimum levels of quality, warranty and energy efficiency are achieved.

To further understand your choices, use the NFRC label. All major window manufacturers have their windows evaluated by the non-biased National Fenestration Rating Council, which issues an energy performance rating for each window. The energy performance rating is printed on an NFRC label, and it includes four rating numbers: U-Factor, Solar Heat Gain Coefficient, Visible Transmittance and Air Leakage. To understand more about these four ratings, visit the National Fenestration Rating Council's website at www.nfrc.org.

To find more ways to manage your energy costs, visit with your local electric utility or Nebraska Public Power District. They are committed to helping customers make the most from energy they use, which includes keeping your home warm in the winter and cool in the summer. They may also offer EnergyWiseSM energy efficiency financial incentives to offset the cost of making your home more energy efficient. Contact your local utility to find out more details.

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CITY COUNCIL MEETINGS

August 2nd
August 16th

WAYNE CITY POOL HOURS (May 30th—Aug 20th)

Open
Monday—Sunday
1:00 pm—9:00 pm

Open
Monday—Friday
6:00 am—7:00 am
for Lap Swim

Closed
Monday—Friday
5:00 pm—6:00 pm
for Lap Swim

Closed
Saturday & Sunday
5:00 p.m.—6:00 pm



Department News ~

Wayne Public Library ~



Thank you to the hundreds of people who supported and participated in the Wayne Public Library annual summer reading programs. We are already thinking ahead to the 2017 theme of "Build a Better World," focusing on architecture and construction. Legos, anyone??

Adult coloring nights are a success! Kim Endicott and Pac-N-Save will continue sponsoring this program at the Library on the 2nd Tuesday of each month through December, 2016. Our next coloring night will be August 9, 6:00 to 7:30 p.m. All materials and light refreshments will be provided.

The Library is hosting a "Back to School" event on Thursday, August 11th, from 6:30—7:30 pm. Scheduled children's

programming will return the week of September 5th, with Mother Goose at 10:30 a.m. on Wednesdays, Evening Story Time at 6:30 p.m. on Thursdays, and Saturday Story Time at 10:30 a.m.

August 27th, 8:00 a.m. to Noon, Treasure in the Trunk. Join your vendor friends at the Library parking lot and use this fun, non-stressful way to sell your things. Call in to reserve your spot, or stop by the Library circulation desk to sign-up.

Nebraska will celebrate its 150th birthday in 2017. Avid readers will enjoy participating in a reading challenge that draws your attention to local authors. There are selected books in fiction, non-fiction, young

adult and picture books, as well as poetry. Check out our display and enjoy Nebraska authors and theme. You may also enter for a chance to win prizes when you turn in your reading sheet. The contest runs through February of 2017.

Planning ahead? The Library will be closed Monday, September 5th, for Labor Day. Winter hours resume Tuesday, September 6th, which means the Library will again be open Sunday afternoons from 2:00-5:00 p.m. beginning September 11th. A Library staff in-service is currently being planned for Friday, September 23rd – so keep an eye open for any announcements stating we will close early that day.

WISE WORDS

"One of the tests of leadership is the ability to recognize a problem before it becomes an emergency."

~Arnold Glasow

Chamber Coffee will be held at the new aquatic center at the Community Activity Center on Friday, August 5th at 10:00 a.m.

Backflow Prevention ~



During the next couple of weeks, the City of Wayne Sewer Department will be having sewer mains cleaned in various parts of the City. City Sewer Department staff will be placing notices on doors of those areas where the cleaning will be taking place.

In the cleaning process, high pressure water is forced through the sewer pipe to clean it. This pushes solid materials to the manholes so they can be removed by vacuuming. This entire process is necessary to keep obstruc-

tions out of the sewer system and insure proper drainage of waste.

Residents should be aware that when this process is done, the high pressure water pushes the air in the sewer line which occasionally enters the private sewer lines into homes and businesses. If this happens, it can result in the air exiting through the toilet bowl, shooting the water out of the toilet bowl. This air should exit through the sewer vent of the building, but inadequate venting or location of toilets

can cause the air to exit through the toilet.

This is a rare occurrence and keeping the lid closed on the toilet during this time will keep most of the water in the bowl rather than the floor.

If you have any questions about the sewer cleaning process or the areas where the sewer main cleaning will take place, you can call the Wastewater Treatment Plant at 375-5250 or City Hall at 375-1733.

Green Notes ~ Glass is back!!

You can now bring your glass bottles back to the Wayne Transfer Station for recycling. The City of Wayne Green Team has partnered with Ripple Glass out of Kansas City to pick up and recycle our glass for free. Bring your clean and rinsed glass bottles (including glass food and beverage containers and glassware such as wine and pint glasses, but no windshields, ceramic, porcelain, laminated glass) to the metal bins inside the Wayne Transfer Station located at 110 S. Windom Street. The station is open Monday and Friday 9 am-1:30 pm, Tuesday 11 am-6 pm, and Saturday 8 am-noon. Once the metal bins are full, Gill Hauling will move the glass to the con-

crete bunker located next to the Boy Scouts Paper Trailer. Ripple Glass will then pick up the glass for recycling into fiberglass insulation and bottles. Ripple Glass even rewards communities with funds for achieving goals of year-over-year growth on glass tonnage collected.

Save the dates for Household Hazardous Waste & Electronics Recycling Events this fall.

Thanks to two recent grants from the Northeast Nebraska RC&D and NDEQ, we will host a HHW collection event **Sat, Sep 10, 8-10am** at the Wayne

Transfer Station, and an Electronics Recycling event **Sat, Sep 24, 9am-noon** at the City Hall parking lot. Look for more details next month on acceptable items and fees.

For more tips on the Green Path to the Good Life, like the Wayne Green Team on Facebook or visit www.cityofwayne.org/greenteam.

