

# Wayne-White

## NEWS

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WAYNE-WHITE COUNTIES ELECTRIC COOPERATIVE • FAIRFIELD, ILLINOIS • 618-842-2196 • [www.wcccec.com](http://www.wcccec.com)

## Upgrades To The Boogerville Area Completed



**W**ayne-White crews have completed the replacement of many poles and lines north of the Boogerville substation in rural Wayne County. Part of the upgrade included the re-routing of some of the lines. This is an area that was damaged by recent storms, but had also been scheduled for a series of planned improvements.



# Selecting The Right Air Conditioner To Affordably Stay Cool



**A**ir Conditioners vary considerably in efficiency and in the amount of energy used. Therefore, it's a good idea to select equipment based upon its federal energy efficiency rating.



For window units, this rating is the Energy Efficiency Ratio, or EER. New standards for room air conditioners went into effect on October 1, 2000. Therefore if you have a window unit that is older than 6 years, it is probably using more energy to cool your

room than a modern unit would use.

For many types of room air conditioners, the minimum EER will be 9.0 or 9.7. As a general rule, an EER of 11 or more is excellent.



Central air-conditioning units are rated on their Seasonal Energy Efficiency Ratio, or SEER. A rating of 14 SEER is excellent. As of January 2006, the minimum cooling efficiency for air conditioners and heat pumps increased to 13 SEER. Look for the blue Energy Star label to help you

identify many of these efficient units. Seek professional help in determining the size of cooling equipment needed. Over-sizing a unit can be problematic, because the unit will draw more energy than necessary, and probably cannot dehumidify properly.

Locate the compressor units of central air conditioning and heat pump systems in an outside area that is shaded by the house or by trees and plants. Units should be kept clean and free of any plant or tree overgrowth.

If direct sunlight is falling on a window air-conditioning unit, the workload is increased. When a choice is possible, locate such units on the north or shady side of the house. Set the cooling thermostat as high as comfort will permit. The higher the setting, the more energy you save. Remember, in 2006 and 2007, you can qualify for a federal tax credit if you purchase a central air conditioner or heat pump rated at 15 SEER and 13 EER.



The Wayne-White "Power Rangers" Team raised \$4,879.57 to benefit the Relay For Life (American Cancer Society) event in Fairfield. In total, the Wayne County version of the Relay raised more than \$61,000 this year. Pictured from left are Jim Gifford, David Bailey, Jerry Houser, Joe Holman, Lisa Arview, Jeff Zurliene, Tina Smith, Randy Olson, Nancy Wells and Earl Young.



The big loser in the annual Duck Dash was Joe Holman. His duck "Pammy" turned upside down at the start of the race and finished dead last to give him the \$1,000 prize money. More than 1,300 Duck Dash tickets were sold this year. You can watch the video highlights of the Duck Dash on our Web site at [www.Wayne-WhiteCoop.com](http://www.Wayne-WhiteCoop.com).

## Wayne-White Counties Electric Cooperative

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Office hours: 8 a.m. — 5 p.m.

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## Swimming Pools And Hot Tubs Provide Backyard Fun At A Cost

**E**ach summer, some of our Wayne-White Cooperative members will add a backyard pool or hot tub (whirlpool) to their home to enjoy some family fun. It's important to realize that these great leisure time additions to your home are also the equivalent to adding a major appliance.

For example, a four-person hot tub may use up to an additional 600 kilowatts (kwh) of electricity in a month, which may cost you an additional \$48 to \$60 a month on your bill. These units work even harder to keep the water hot in the winter. Swimming pools are usually not quite as costly to operate, but may still add 200-300 kwh to your electric bill. It all depends upon how often you run the pump/filter on your pool or how warm you try to heat your hot tub water, whether you use an insulated cover on the hot tub, etc. Each individual user and circumstance will be different.

When shopping for a pool or hot tub, be sure to consider the pump size and wattage of the motors to be used and the amount of time the unit is likely to run. Sizing and energy consumption will vary from manufacturer to manufacturer. Adding a pool or hot tub can be an enjoyable addition to your home, we just don't want you to be shocked when your energy consumption suddenly rises.

## West Virginia Firm Provides Transformer Maintenance

**Y**ou might have noticed a semi truck with large hoses and a box truck parked adjacent to some of our substations over the past few weeks. Environmental Protection Services (EPS) from West Virginia has been providing testing and oil reclamation maintenance on the large transformers of some of our substations.

The unique company is one of a handful of such service providers in the nation. Their on-site service includes the pumping and filtering of oil from the transformers through a scrubbing process that removes water, gasses, sludge and PCBs if any. Many of the large transformers have as much as 752 gallons of oil in them that requires testing and filtering. The scrubbing process not only cleans the oil, but also cleans the bushings and other internal parts, which will lengthen the life of the transformers, increase their performance, and prevent any possible safety concerns.

The work crew at EPS is on site 12 hours a day, 7 days a week until the process is complete at each scheduled substation. The crews typically work three weeks straight before taking time off between jobs. The oil inventory of each transformer will make five to 10 complete passes through the EPS system to complete the scrubbing process. This is done while the transformer is energized.



## WELCOME NEW COOPERATIVE MEMBERS



- Anchor Point Energy, Fairfield
- Cathy Bell, Fairfield
- Kristie & Russell Bell, Evansville, IN
- Terry & Jennifer Bond, McLeansboro
- Kenneth C & Jacqueline Butler, Joliet
- Jaime L Davis, Rinard
- Arvie G & Margaret L Dorris, West Frankfort
- James & April Fuller, Fairfield
- Cory Fuqua & Lacy Fuqua, Broughton
- Josh Grutzius, Wayne City
- Thomas H & Jessie Hearle, West Blocton, AL
- Gary Holland, Mt Erie
- Daniel M Howser & Thomas Howser, Calhoun
- Erica Hurd, Geff
- Louis Jolly, Fairfield
- Jarrod Koontz, Fairfield
- Kelli Lashbrook, Albion
- Shane Lawrence, Geff
- David Lear, Albion
- Duane & LeAnn Lear, Albion
- Adam Lehr, Fairfield
- Robert Allen & Teesha Mae Lewis, Fairfield
- Glenda Logan, Xenia
- Kelby & Samantha McKinney, Wayne City
- Justin C & Kelli L Massie, Cisne
- William Kent & Carole Ann Musgrave, Flora
- Rachael Page, Carmi
- Christopher Ristvedt, Olney
- Allen & Jenny Rowe, Carmi
- Rickie D Schnicker, Fairfield
- Fay L Seymore, Wayne City
- Matthew L Simpson, Fairfield
- Cathy I Smith, Fairfield
- Johnathan & Stephanie Stout, Barnhill
- Adam C Vaughan, Fairfield
- Bill & Kristina L Walker, Cisne
- Donald & Dorothy Warren, Joliet
- Terry Warren, Crossville
- Diana Watson, Geff
- Joshua & Krystle Watson, Fairfield
- Mary L Williams, Fairfield
- Christie Willis & Shannon Barker, McLeansboro
- Fred L & Martha Wolford, Valley Lee, MD
- Jeremy E R & Michelle A Wyatt, West Salem

