

Plan for safe clearances around grain bins

While most farmers have completed their corn and soybean planting, some are already thinking about changing or adding to their on-farm grain storage systems for this fall's harvest. Electric power is a very important detail to remember, for more than one reason.

Not only will electricity be needed to run fans, grain leg motors, augers and spreaders, power lines may present a hazard to workers and machinery around the grain bins.

Large machinery, dump trucks and portable augers can snag overhead wires on the farm, becoming lethal hazards to workers who are in contact with them. The best way to avoid problems is to put bins a safe distance away from any overhead power lines. The National Electrical Safety Code (NESC) includes regulations concerning electric lines near grain bins.

The NESC sets minimum vertical clearances, depending on the height of the bin and the distance from the side of the bin. Any high-voltage lines above the bin must be at least

18 feet over the highest filling or probing port. Horizontal clearances are also based on the height of the bin, as shown below. An area where portable augers will not be present can be considered a *non-loading side* and may require less clearance distance.

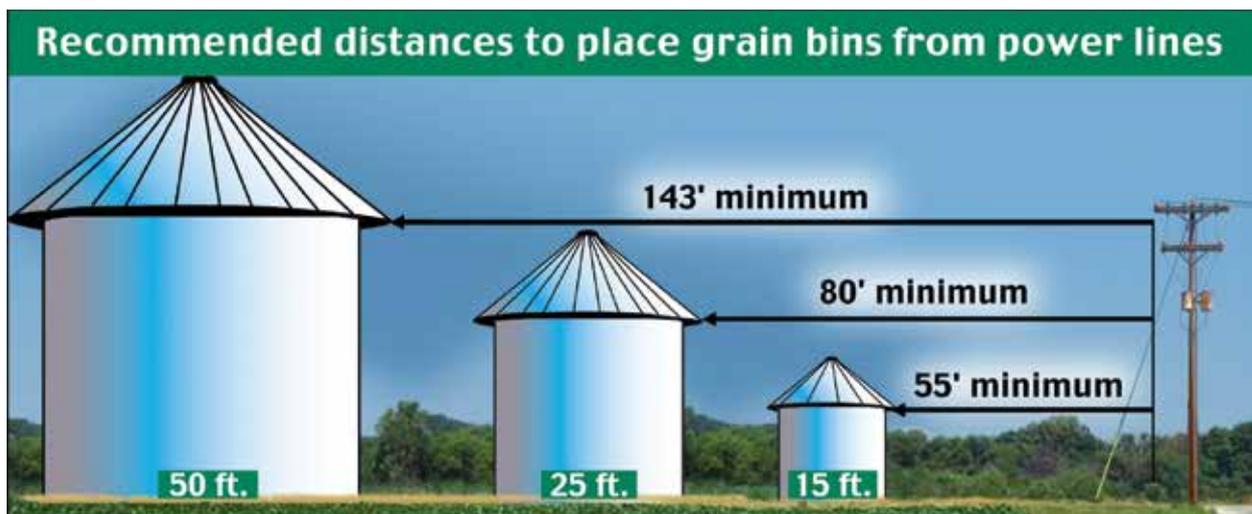
The cooperative cannot provide electric service to any grain bin built near an existing line that does not meet the clearance requirements. To avoid extra costs to you and the cooperative, call the engineering department at the cooperative before you start any construction to have the safety clearances approved.

Remember, the distances specified in the NESC are minimums. You should also consider the routes of trucks and other farm equipment to be used around your grain bins. What is the highest implement or truck that may be moved under the overhead lines? Are your own 240-volt wires at a safe distance as well?

Plan for capacity

Another reason to talk to Shelby Electric Cooperative during your planning stages is to determine the capacity of electric power you will need for the grain handling system. We will work with you to install the correct transformer and service size not only for now but for the foreseeable future. You may share an expense in any service and metering upgrade, which should also be part of your budget.

Depending on equipment availability, workloads and weather, it may take some time to lay out, approve, schedule and build the electrical facilities needed for your farming operation. You don't want to be caught in a pinch this fall so plan early!



The **POWER** of Green

Recycler appreciation day announced

July 19, 2014 at Shelby Electric Cooperative's recycling facility located on Route 16 east of Shelbyville.

Come join us July 19th from 8:00 a.m. to noon to celebrate the Power of Green's 4th annual recycler appreciation day! "This program has continued to grow and has been successful from the very start. The

community has been very appreciative and supportive of the program. This has been a great service to the community," said Tammy Carson and Chris French who help coordinate the recycling program for the cooperative.

pounds of material that would have gone to a landfill.

Shelby Electric's Power of Green collects the following materials:

- Aluminum
- Cardboard
- Magazines and Newspapers
- Office Paper
- Plastics #1 thru #7
- Tin and Steel Cans



On July 19th at it's East Route 16 location, Shelby Electric Cooperative will be giving away a Power of Green recycling bag to the first 150 cars in to recycle.

The Power of Green recycling center is located at Shelby Electric's building on East Route 16. Recycling hours are Tuesdays and Saturdays from 8:00 a.m. to noon and Thursdays from 1:00 to 4:00 p.m. "Please be respectful of those hours. We have had a small problem of people dumping their recyclables in our parking lot when we are not open and we would appreciate people not doing that," noted French.

We ask that you bring your materials clean and dry. Also, break down all cardboard. Remember, this program is not just available to Shelby Electric members, so please spread the word. If you have questions about our program, visit www.shelbyelectric.coop or call 1-877-994-2323. Thank you for your continued support; we hope to see you on July 19th! The Power of Green is just one example of Shelby Electric's commitment to community and we could not be prouder.

Recycling bins are located inside a garage area to allow recycling activity despite weather conditions.

The Power of Green has collected more than 260 tons of recyclable materials since the program started in July 2010. That's over 524,000



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Office Hours:
7:30 a.m. - 4:30 p.m.



As of May 31st, the Power of Green has collected 524,304 pounds of recyclable materials. Here is a break down.

- Aluminum = 3,475 lbs.
- Cardboard = 188,631 lbs.
- Magazines/Newspapers = 218,790 lbs.
- Office Paper = 52,624 lbs.
- Plastic 1-7 = 45,229 lbs.
- Tin/Steel cans = 15,555 lbs.





Energy Efficiency
Tip of the Month

Understand your electrical system. Make a map showing which fuse or circuit breaker controls each switch, light or outlet.



See how the cooperative's two solar arrays are doing by visiting www.shelbyelectric.coop and clicking on the story under the Shelby News section on the home page.

Summer energy efficiency: myth vs. fact

■ **Myth:** When I'm not home, keeping my air conditioner at a lower temperature throughout the day means it does not have to run harder to cool my home when I return.

Fact: To save energy, set your thermostat to a higher temperature during the day, and lower it when you return home.

■ **Myth:** Closing vents on my central air conditioning system will boost efficiency.

Fact: Closing vents can cause the compressor to cycle too frequently and the heat pump to overload. You will also use more energy.

■ **Myth:** Time of day does not matter when it comes to running my appliances.

Fact: Time of day does matter when running electrical loads. For example, take advantage of the delay setting and run your dishwasher at night to avoid peak times of use and save energy.

■ **Myth:** Bigger is always better when it comes to cooling equipment.

Fact: Too often, cooling equipment is not sized properly and leads to higher electric bills. A unit that is too large for your home will not cool evenly and might produce higher humidity indoors.



Shelby Electric Cooperative offices will be closed on Friday, July 4th in observance of Independence Day.

Power of Green recycling will be closed Saturday, July 5th.

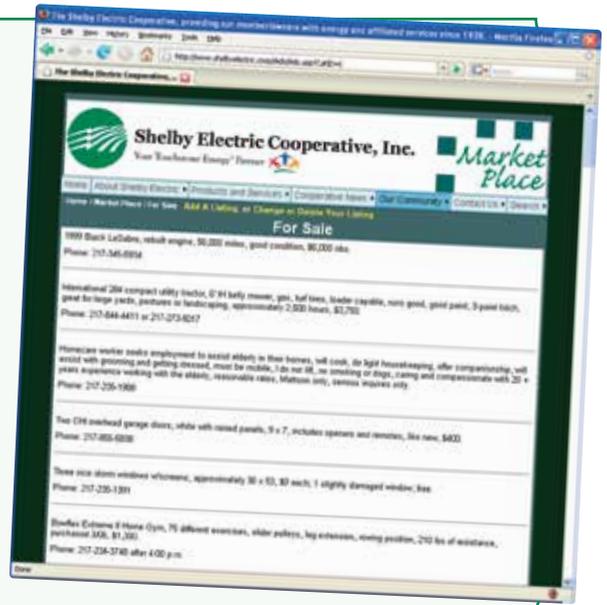
Market Place **Free Online Classifieds**

Go to www.shelbyelectric.coop to locate a feature called MarketPlace. The MarketPlace icon is in the lower right of the Cooperative's home page.

This is a free classified ad service for your use. There is a place to list items for sale, wanted and free, as well as a place to list rentals and services.

If you do not have Internet access but want to list an item, send your items to MarketPlace, P.O. Box 560, Shelbyville, Illinois 62565 and we will list your item for you. If you have questions or need assistance, contact the cooperative at 1-800-677-2612.

Your item(s) will be posted for 45 days.



Your Power – Your Plan – Your Choice

UPay - a Prepaid Electric Service from Your Cooperative

Real power solutions to fit your way of life.

Have you ever wished you could take control of your energy consumption? Now you can with *UPay*, a prepay energy solution from Shelby Electric Cooperative.

UPay works best for members wanting to take control of their electric use and monitor consumption. Research has found using the prepaid method of buying electricity can actually save you money by reducing your consumption.

***UPay* allows you to:**

- Control your energy use and budget
- Pay for energy as you use it
- Purchase electricity on your schedule
- Monitor and reduce energy use
- Pay as you go, no monthly bills
- Have greater flexibility with seasonal homes
- Pay and manage a family member's bill
- Control your budget if you are on a fixed income
- Control and manage electric consumption on rental property
- Enjoy savings with reduced consumption



Optional In-Home Display

UPay prepay from Shelby Electric Cooperative gives members the control to monitor their electric consumption on a regular basis which allows the member to notice patterns in their day-to-day use. The beauty of the *UPay* program is that it fits YOUR budget. You can buy enough electricity to last until payday or you can buy enough to last several months. The choice is yours!

Contact Shelby Electric Cooperative to learn more about this prepaid option by calling 1-800-677-2612.

The SEC phone payment and e-bill options for checking or savings accounts will not be made available to members who have had NSF or returned funds with SEC within the past 12 months.