

## Los Beneficios de Elegir un Calentador de Agua Eléctrico



Considere un calentador eléctrico de agua en primer lugar.

Como era de esperar, la mayoría no piensan mucho acerca de calentadores de agua. Muchos dan por sentado que estos aparatos hacen posibles disponer de duchas de agua calientes, limpiar platos de cena y carga sobre carga de sábanas recién lavadas. El calentador de agua, escondido en el sótano o un armario de utilidad, es fuera de la vista y fuera de la mente.

Hasta que un calentador de agua existente ya no funciona o cuando la construcción o renovación de una casa.

Cuando nos enfrentamos a la sustitución de un calentador de agua, su elección tendrá implicaciones para la eficiencia

energética, coste de utilización, el medio ambiente, la seguridad y la fiabilidad de una década o dos, tal vez más. Como asesor de confianza de energía Victory Electric puede ayudar a tomar la decisión correcta.

Como miembro de la cooperativa, que ya podría saber acerca de muchas de las ventajas y beneficios de los calentadores de agua eléctricos. En primer lugar, los calentadores de agua eléctricos son seguros. No hay amenaza de envenenamiento por monóxido de

carbono, la combustión o explosión. de calentadores de agua eléctricos son ecológicos y pueden funcionar con electricidad generada a partir de energía solar, eólica, hidroeléctrica y otras fuentes renovables.

Calentadores de agua eléctrico también son fáciles de instalar, sin necesidad de costosas líneas de gas de combustión de escape, o en el lugar de depósitos de combustible. En comparación con otros combustibles, el coste de la electricidad es estable.

Además, los calentadores de agua eléctricos están emergiendo como un bloque de construcción de la futura red eléctrica. Estas unidades anteriormente mundanas se están convirtiendo en aparatos inteligentes y unidades de almacenamiento de energía que están ayudando a la red más estable y más eficiente. Por calentamiento de agua cuando la demanda de electricidad es baja y el almacenamiento de la energía térmica para su uso posterior, calentadores de agua eléctricos pueden ahorrar dinero.

No todos reconoce la superioridad de los calentadores de agua eléctricos. En comparación con los calentadores de agua de propano, opciones eléctricas proporcionan una mayor fiabilidad y seguridad para su hogar y su familia.

Si tiene alguna pregunta acerca de las opciones de calentador de agua u otras necesidades de eficiencia energética, llame al 620-227-7723 Josh Schmidt. Victory Electric está aquí para ser su fuente de energía confiable.

## Victory Electric's "Vittles for Vets" Beneficio de los Veteranos

Por segundo año, Victory Electric está pidiendo su ayuda para surtir la despensa de comida en Nimitz Hall en Fort Dodge, en beneficio de los veteranos, por tres artículos que dona, se introduce su nombre en un sorteo de un crédito de factura de \$ 100. los dos siguientes sorteos se llevará a cabo 31 de Julio y el 24 de Agosto artículos sugerido incluir alimentos no perecederos y algunas necesidades de higiene. Alimentos que son sin azúcar y bajos en sal y grasas son de mucha necesidad.

Para ver una lista completa de artículos sugeridos, visite <http://bit.ly/1PoK0yW> o si tiene alguna pregunta llame a la oficina al 620-227-2139.



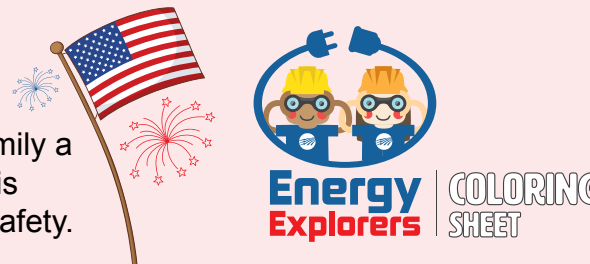
Empleados de Victory Electric, Jerri Imgarten, Josh Schmidt y Kenny St. George entregar elementos a Eldana Travis, de Fort Dodge.



La despensa de alimentos en Nimitz proporciona alimentos a veterinario que viven en las casas de campo.

## FOURTH OF JULY

The Energy Explorers wish you and your family a safe and Happy Fourth of July! Complete this coloring sheet and spread the message of safety.



**SAFETY TIPS**

**FIREWORKS SAFETY TIP:** Kids should NEVER play with fireworks! Only adults should handle fireworks.

**GRILLING SAFETY TIP:** NEVER run and play near a grill! Keep a minimum of three feet between you and the grill.

**SUNBURN SAFETY TIP:** Avoid sunburn! Remember to apply plenty of sunscreen (SPF of 30 or higher) if you're playing outdoors.

A Touchstone Energy® Cooperative

P.O. Box 1335, 3230 N. 14<sup>th</sup> Ave.  
Dodge City, KS 67801  
616-227-2139  
[victoryelectric.net](http://victoryelectric.net)

THE VICTORY  
ELECTRIC COOPERATIVE

electronews



### The Victory Electric Co-op Assn., Inc.

#### Board of Trustees

**John Leis**  
President

**Pat Morse**  
Vice President

**Daryl Tieben**  
Secretary/Treasurer

**Cedric Drewes**  
Trustee

**Jim Imel**  
Trustee

**Gary Gillespie**  
Trustee

**Terri Larson**  
Trustee

**Richard Lightner**  
Trustee

**James Ochs**  
Trustee

**Randy Quint**  
Trustee

**Ken Schulte**  
Trustee

**Kenny Wehkamp**  
Trustee

#### Staff

**Shane Laws**  
CEO

**Amy Grasser**  
Manager of Corporate Services

**Angela Unruh**  
CFO

**Denzil McGill**  
Manager of IT

**Greg Underwood**  
Manager of Engineering

**Jerri Imgarten**  
Manager of Marketing and Communications

**Michael Clark**  
Manager of Purchasing

**Ryan Miller**  
Supervisor of Operations

**Tom Lowery**  
Manager of Operations

### FROM THE CEO

## Save with the Co-op Connections Card

With summer comes savings. Victory Electric helps "connect" members with savings on a variety of goods and services from hotel discounts to fitness club memberships and much more.

The Co-op Connections® Card is a free program that saves Victory Electric members money on everyday and not-so-everyday purchases. The card also gives you access to Cash Back Mall, where you can get money back for shopping online at more than 3,000 leading online retailers.

Your Co-op Connections Card gives you access to discounts from tens of thousands of retailers because it taps into a national business community. It doesn't just help you save at big box stores and chains. The card also provides discounts for businesses right here in our local community. In fact, it was created specifically to help businesses on our nation's Main streets! Local Co-op Connections deals available in our community include carpet cleaning, restaurants, hair salons, fitness,

jewelry, car dealerships, and more. The program continuously adds new retailers to help improve our members' experience. One of the most popular features is the prescription discount benefit. Even if you don't have insurance,

the card can help you save up to 85 percent on your medications at more than 60,000 pharmacies across the country.

We know how important it is to save, and we want to make sure you are taking full advantage of the programs we offer. The Co-op Connections Card is an easy way to see the value of being an electric cooperative member. Before summer slips away into fall, plan a trip for the family, get fit with a discounted gym membership, or take advantage of other deals available to you.

You can learn more about the discounts we offer by visiting [victoryelectric.net/content.co-opconnections-card](http://victoryelectric.net/content.co-opconnections-card) or [connections.coop](http://connections.coop).



Shane Laws

### Co-op Connections® Card



Thanks, Shane



**CFL Charlie Says  
"Come Get Your  
Free CFL!"**



**This month's lucky winners are...**

**GERONIMA ACOSTA,  
JANET BROWN, KACI  
DAVIGNON,  
ESTELLA  
MONARREZ, MIKE  
OCHS, KYNDELL PENICK,  
EDGAR SANTOS and  
ANDREW TREDER.**

Come by Victory Electric Cooperative to get your free compact fluorescent light bulb (CFL). Every month, Victory Electric gives members free CFL light bulbs. Congratulations winners!

**Happy Fourth of July!**

Victory Electric's office will be closed Monday, July 4, in observance of the Fourth of July. We wish everyone a safe and happy holiday!

**Like us on Facebook and  
Follow us on Twitter**

Victory Electric is on Facebook and Twitter. Like us on Facebook at facebook.com/VictoryElectric. Check our page for updates, outage information and savings tips.

Energy efficiency tips and more can also be found by following us on Twitter by searching @TheVictoryElec. Facebook and Twitter are great ways to stay in touch with the happenings at Victory Electric.

**Energy Efficiency Tip**



Use small electric pans, toaster ovens or convection ovens for small meals rather than your stove or oven. A toaster or convection oven uses one-third to one-half as much energy as a full-sized oven.

**Working on the LINE**

Storms and tornadoes on May 24 left more than 7,000 members out of power at the peak of outages. Victory Electric thanks our members for their patience while Victory Electric crews worked to restore power.



Crews continue to work and set a new pole the night of May 26.



Lineman Clayton Stein replaces a snapped pole after the storms.



Lineman Jacob Ledford snaps a quick photo of crews working together to replace 3/4 mile of downed line west of Dodge City.



The storms caused miles of line to be knocked on the ground that had to be reattached. Lineman Dave Lowry attaches wire to the pole.



Downed lines and poles north of Dodge City caused days of work for crews.

**Wind Affects Victory Electric Members**

It seems as if they are popping up everywhere—giant “pinwheels” used to generate electricity from the kinetic power of wind. In Kansas, wind was the second largest source of net generation, producing more than one-fifth of the electricity generated in 2014. Kansas continues to be a national leader in wind energy production—it has one wind project about to begin near Dodge City and nine more projects pending. Currently, Sunflower Electric Power Corporation and Mid-Kansas Electric Company, two electric utilities that supply wholesale generation and transmission (G&T) services to Victory Electric, have more than 1,500 mega-watt (MW) of wind currently connected to their transmission systems.

**A shift in generation**

Just two years ago, Sunflower and Mid-Kansas relied primarily on a mix of coal and natural gas to supply wholesale energy to Victory Electric. Operations changed when the Southwest Power Pool, the Regional Transmission Organization of which Sunflower and Mid-Kansas are members, launched the Integrated Marketplace (IM) in 2014. With the IM, Sunflower and Mid-Kansas no longer generate energy just for their members. Instead, Sunflower and Mid-Kansas sell generation into a market that serves a 14-state region and take advantage of the market's competitive pricing to purchase energy for their members.

The abundance of wind energy often creates market conditions in which demand for Sunflower's and Mid-Kansas' fossil-fuel generation can be sporadic. Even though Sunflower's and Mid-Kansas' generating plants may operate at reduced levels of production or stand idle to make way for wind energy, the availability of fossil-fuel generation remains necessary to ensure reliable electricity is always available to you. This new way of doing business comes with costs.

“Sunflower's 360-MW coal-fired unit now cycles from minimum to maximum load, creating maintenance issues that weren't as prevalent when the unit was operated as a baseload resource,” said Corey Linville, vice president, power supply and delivery for Sunflower and Mid-Kansas. “Our gas-fired internal combustion engines and combustion turbines also get cycled when they run. They are started more frequently, typically with short run times, partly to follow wind and provide ramping support to the Southwest Power Pool.”

**Rate pressures caused by wind**

Because members of Sunflower and Mid-Kansas expect reasonable rates for wholesale energy G&T staff manage costs with smart decisions when selling and buying energy in the IM.

“With wind energy it is challenging to balance energy supply and demand,” said Linville. “There is substantially more wind generation connected to our system than load we serve at our peak. Because wind typically blows the most during off-peak periods, it's not uncommon to have wind generation injected into our system almost triple the amount of load we are serving from the system.”

When this happens, the principles of supply and demand kick in. When there is more energy being supplied to the Sunflower and Mid-Kansas transmission system than there is demand to consume it, the excess energy has to be exported. This export energy flows on transmission lines that were designed to serve rural western Kansas load, not to export substantial amounts of wind energy to other parts of the country. When flows begin to approach the design ratings of the transmission facilities, the lines are said to be “congested.”

Energy prices on the upstream side of the congestion are lowered to encourage generators to reduce output, while energy prices on the downstream side of the congestion are raised to encourage generators to increase output. Due to several factors, including government subsidies to wind farms in the form of Production Tax Credits, energy prices often have to drop to negative values before wind generators respond and reduce output. For buyers, the drop in the price of energy is good. For those who have energy to sell, including Sunflower and Mid-Kansas, the depressed pricing hurts the bottom line.

“Like every other energy resource, wind energy has its pros and cons,” Linville said. “Sunflower and Mid-Kansas are not fuel biased; we are member biased. Each and every day our staff strategizes about the best way to utilize our assets while participating in the IM in order to provide our members with the best service possible.”



Wind turbines in Western Kansas cause congestion for Victory Electric's transmission lines.

**Victory Electric's "Vittles for Vets" Benefits Fort Dodge Veterans**

For the second year, Victory Electric is asking for your help to stock the food pantry in Nimitz Hall at Fort Dodge to benefit veterans.

For every three items you donate, your name will be entered into a drawing for a \$100 bill credit. The next two drawings will take place July 31 and August 24. Suggested items include non-perishable foods and some hygiene necessities. Foods that are sugar free and low in salt and fat are much needed.

To view a complete list of suggested items, visit <http://bit.ly/1PoK0yW>. If you have any questions, call the office at 620-227-2139.



The food pantry in Nimitz Hall at Fort Dodge provides food to veterans living in the cottages.



Victory Electric employees, Jerri Imgarten, Josh Schmidt and Kennedy St. George deliver items to Fort Dodge representative Eldana Travis.

**The Benefits of Choosing an Electric Water Heater**

People don't think much about water heaters. Many take for granted that these appliances make it possible to have hot showers, clean dinner dishes, and load upon load of freshly laundered linens. The water heater, tucked away in the basement or a utility closet, is out of sight and out of mind, until an existing water heater no longer works or when building or renovating a home.

When faced with replacing a water heater, your choice will have implications for energy efficiency, cost of use, the environment, safety and reliability for a decade or two, maybe longer. As a trusted energy adviser, Victory Electric can help you make the right decision.

As a member of the cooperative, you might already know about many of the advantages and benefits of electric water heaters. First, electric water heaters are safe. There is no threat of carbon monoxide poisoning, combustion or explosion. Electric water heaters

are environmentally friendly and capable of using electricity generated from solar, wind, hydro and other renewable sources.

Electric water heaters are also easy to install, requiring no expensive gas lines, exhaust flue or on-site fuel tanks. Compared to other fuels, the cost of electricity is stable.

In addition, electric water heaters are emerging as a building block of the future electric grid. These formerly mundane units are evolving into smart appliances and energy storage units that are helping the grid become more stable and more efficient. By heating water when demand for electricity is low and storing the thermal energy for later use, electric water heaters can save you money.

Not everyone acknowledges the superiority of electric water heaters. Compared to propane water heaters, electric options provide greater reliability and safety for your home and family.

If you have questions about

water heater options or other energy efficiency needs, call Josh Schmidt at 620-227-7723. Victory Electric is here to be your trusted energy source.



Consider an electric water heater first.