



Kay Electric's 2017 Youth Tour winners Trent McAreavey and Samantha Lipsey stop for photo in front of the White House.

## Youth Tour Winners Return From Washington D.C.

**S**amantha Lipsey of Garber High School and Trent McAreavey from Tonkawa High School returned home following a fun-packed week in Washington, D.C. Lipsey and McAreavey are the winners of the 2017 Kay Electric Youth Tour Essay Contest.

Lipsey is the daughter of Brenda and John Lipsey of Fairmont, and

McAreavey is the son of Tracy and Todd McAreavey of Tonkawa.

The Electric Cooperative Youth Tour began with a "get acquainted banquet" on June 9 in Oklahoma City. Early the next morning, the 80 winners representing Oklahoma departed for the nation's capital.

Cont'd on page 3 ->

Kay Electric Cooperative  
300 W Doolin Ave • PO Box 607  
Blackwell, OK 74631

Tele: (580) 363-1260  
Toll Free: **(800) 535-1079**

[www.kayelectric.coop](http://www.kayelectric.coop)



### Convenient Bill Paying Options

-  Pay online using our secure site at [www.kayelectric.coop](http://www.kayelectric.coop)
-  Pay via telephone during office hours by using a major credit card at **800-535-1079**
-  Pay in person at KEC or use our 24-hour payment drop box in Blackwell



### BOARD OF DIRECTORS

- District 1.....Jake Olsen
- District 2.....Chad Otto
- District 3.....Ron Shoffner
- District 4.....Max Hohmann
- District 5.....Mike Lebeda
- District 6.....Brady Hostetler
- District 7.....Kent McAninch
- District 8.....Dr. Tim Blanton
- District 9.....Verl Brorsen

General Manager/CEO  
Tim Rodriguez

## Scam Warning!

Officials at the Oklahoma Association of Electric Cooperatives are warning co-op members about recent scam attempts.



A member of Southeast Oklahoma Electric Cooperative (SEC) in Durant reported a phone call from a man claiming to be a cooperative employee. The caller told the member about a "rebate" she would receive because of her good payment history. Suspecting a scam, the woman hung up the phone.

Other scam calls appear on caller ID as coming from a legitimate utility. The caller then tells the member they have won a vacation.

If you receive a suspicious phone call, hang up immediately and report the call to your co-op at 800-535-1079 so we can warn other members. You should also report the scam to the Attorney General's Public Protection Unit at 405-521-2029.

Thank you for your cooperation!

## \$25 is hiding in this issue!

Please read your newsletter carefully. If you spot your account number hidden in these pages, please contact Kay Electric immediately to claim a \$25 credit on your electric bill. If no account numbers are claimed, the prize money will carry over to the next month for a maximum bill credit of \$50.

**800-535-1079**

**contact@kayelectric.coop**

# Eclipse Sheds Light On Changes

## New generating fuels impact utility business

**T**he solar eclipse on August 21, which we will be able to see here in Oklahoma, is getting the attention of those in the electric utility business.

Due to the increase in solar power across the U.S, the North American Reliability Council issued a report suggesting generating plants prepare for the event. When the moon moves in front of the sun during an eclipse, solar generation shuts off very quickly and then comes right back to full power afterward. That sudden stop and start of power flowing onto the electric grid can cause problems for a grid that was designed to generate power exactly when it's needed—and keep that electricity at a consistent frequency.

This won't be a problem here in Oklahoma, but power plants in the eclipse path will need to have resources on hand when solar generation drops.

This concern is a testament to how fast the electric industry is changing. Ten years ago, renewable fuels made up barely

three percent of the generation mix. By next year, the U.S. Department of Energy expects renewables to make up ten percent of the fuels used to generate electricity.

Renewable fuels are beginning to "have a seat at the table." While wind and solar energy do provide clean and affordable options to fossil fuels, they're not exactly problem free.



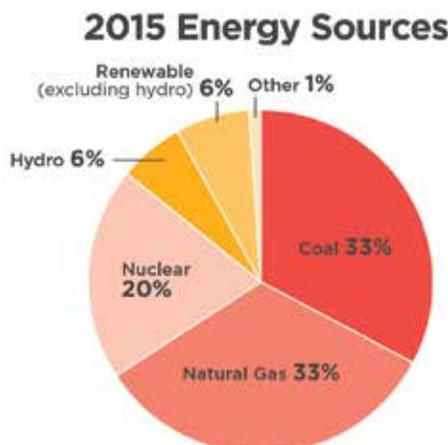
By Tim Rodriguez, CEO  
KAY ELECTRIC COOPERATIVE

Traditional baseload resources such as coal, nuclear and natural gas, provide stability to the grid and prevent sudden shifts in frequency. Wind and solar, however, are intermittent and a lot less predictable. Their use is forcing generating plants to make changes in what is a very complicated system of generation and transmission.

As the use of wind and solar power grows, this can be a bit of a problem for generation plants. Coal-fired power plants are not engineered to be quickly turned off an on when the wind blows or the sun shines. Fortunately, natural gas plants are designed completely different. They are more flexible than coal at adjusting to sudden shifts in demand. They can also ramp up faster when the sun stops shining or the wind stops blowing.

The utility industry is scrambling to adapt by investing in new technologies and research to address these problems. New infrastructure is being built to modernize the grid and allow it to make the best use of new technology. We are a changing industry in a rapidly changing world.

Here at home, we are keeping a close eye on these developments. It's part of our commitment to you to provide affordable and reliable service. We are sticking to it, come rain or shine.



# Youth Tour Winners

Cont'd from page 1

“My favorite parts from the trip was visiting the capitol and meeting Congressman Mullin, Congressman Lucas, and Senator Inhofe. Visiting Arlington Cemetery and changing of the guard at the Tomb of the Unknown Soldier was awesome,” McAreavey said.

Lipsey also was impressed with Mount Vernon because “it was like going back in time and seeing how everything was back then.” “One of my favorite parts of the trip was the boat cruise because you got to meet other people and make new friends from other states”.

In addition to taking photos of the White House, the Oklahoma winners toured Fort McHenry National Park; Arlington National Cemetery; Ford’s Theatre; International Spy Museum; Jefferson Memorial; Newseum; Holocaust Museum; took a Potomac Boat Cruise; and toured Mount Vernon and the Kennedy Center.

The students also took a bus tour of the Watergate Complex, Washington Circle, Dupont Circle, Embassy Row, Washington National Cathedral, and the Air Force Memorial before stopping at the Iwo Jima Memorial for a pizza picnic. Afterward, they attended the U.S. Marine Sunset Parade to round off day four of the tour.

On the final day of the tour, students loaded the busses for a tour of the U.S.

Capitol Visitor Center, the Library of Congress, and the Smithsonian Air and Space Museums. The 80 Youth Tour winners wound down their week with dinner at Union Station followed by a Congressional Summit hosted for the Oklahoma delegation, aides and guests of Congressman Mullin, Congressman Lucas, and Senator Inhofe.

Cyndi Mitchell, Youth Tour Coordinator for Kay Electric said, “This was my first year to coordinate and work with the Youth Tour students, and I think I was having as much fun as they were. This definitely has to be my favorite program and experiencing everything through their eyes has been great. Trent and Samantha were great representatives for Kay Electric.”

Finalists for this year’s competition included students from Blackwell, Medford, Tonkawa, and Garber High Schools.

The tour is coordinated each year by the Oklahoma Association of Electric Cooperatives. Acct#2599300

For details on the Electric Cooperative Youth Tour and how your teen can participate, please visit [www.kayelectric.coop](http://www.kayelectric.coop) or [www.oaec.coop](http://www.oaec.coop).



## GETTING YOUR 1¢ Worth

Electricity is still a bargain. Just look at what you get for a penny’s worth of power:

- 11 hours of reading using a 9-watt LED bulb.
- 30 minute of computer time on a 200-watt desktop computer.
- 2.5 hours of television on a 40-watt, 32-inch LED TV
- 1.3 hours of television on a 75-inch mega TV.
- 18 full charges of an iPhone.

\*Based on an average rate of 10 cents/kwh. One penny equals 100 watts.

HELP YOUR CO-OP **BUST** THAT **PEAK!**

Please use less electricity from 4 pm to 6 pm.

PEAK MONITOR:



# Beat the Extreme Heat

During periods of extreme heat, hot weather mixed with outdoor activities can lead to dangerous situations. According to the CDC, people can suffer heat-related illness when their bodies are unable to properly cool themselves. During extreme heat, follow these guidelines to protect yourself and your loved ones.



**Stay informed:** Check local news for extreme heat alerts.



**Stay cool:** If you do not have access to an air-conditioned space, visit a shopping mall or public library for a few hours. Call your local health department to locate heat-relief shelters in your area.



**Stay hydrated:** Drink (nonalcoholic) fluids regularly, regardless of your activity level. Wear lightweight, light-colored, loose-fitting clothing.



**Don't** leave anyone in a closed, parked vehicle



**Do** check on elderly friends and neighbors.



## Heat Stress: Who's At Risk?

Adults over the age of 65, children under the age of four, individuals with chronic medical conditions such as heart disease, and those without access to air conditioning.

Source: Centers for Disease Control and Prevention

## POWER OUTAGES? Visit Our Storm Center.



At KEC's online Storm Center, you'll find a live outage map that lets you track the progress of the restoration effort so you stay informed. Check it out at [www.kayelectric.coop/content/storm-center](http://www.kayelectric.coop/content/storm-center).

### Recipes

## Vidalia Onion Casserole

Contributed by Mary Lampe, Burbank, Okla.

### INGREDIENTS

½ cup butter  
4 large Vidalia onions – sliced ¼" thick  
15 saltine crackers – crushed  
1 can cream of mushroom soup  
¾ cup milk  
2 eggs, beaten  
1 cup shredded cheese  
Paprika

### DIRECTIONS

In a large skillet, melt butter. Add onions and sauté until clear.

Put crushed crackers in bottom of a greased baking pan and reserve some for the topping.

Mix soup and ½ of milk and layer with onions in pan. Wisk eggs and the remainder of milk.

Pour over ingredients in pan. Top with cheese and the reserved crackers. Sprinkle with paprika.

Bake at 350°F. for 30 minutes. Acct#1112402

# EARN **CASH** BACK!

When you install a high efficiency heat pump or a new electric water heater in your home. We also offer rebates on attic insulation. Please contact us for more details at **800-535-1079**, or visit [www.kayelectric.coop](http://www.kayelectric.coop).

