

2021 Scholarship Recipients



Chloe Dasenbrock



Jacob Daniels



Haley Beck

DO NOT DELAY

Cooperative scholarships now available!

As high school graduation inches closer, the frequency increases of hearing, “So, where are you going to college, and what will you be studying?” Probably a bigger question that arises, “How are you going to pay for it?” Scholarships are a great way to help relieve some of the financial responsibility. Past Shelby Electric Cooperative (SEC) scholarship recipient Samantha McCue reminds high school seniors to not procrastinate. “Apply for as many opportunities as you can. Modify your applications and resumes for each unique situation, highlighting your skills and abilities.”

The cooperative will once again award three academic scholarships in the amount of \$1,000 each. Eligible students are sons or daughters of any current SEC member who is receiving electric service from the cooperative at the time the scholarship application is submitted. Students must be high school seniors pursuing a college education in the United States. These \$1,000 scholarships may be used for educational costs at any two-year or four-year accredited college or university, including vocational/technical schools.

Recipients are chosen based on academic and community accomplishments, character, and financial need as demonstrated in the application and essay. The deadline for receipt of the completed applications for 2022 graduates is Friday, March 4. The three scholarship winners will be notified in June and announced at the cooperative’s 84th Annual Meeting of Members on Friday, June 10.



In 2021, the recipients were Chloe Dasenbrock of Stewardson, Jacob Daniels of Assumption, and Haley Beck of Windsor. “Offering these scholarships gives us an opportunity to acknowledge the outstanding youth in our service territory and allows us to give back to the communities we serve,” stated Heidi Hall, who coordinates the program for the cooperative.

Another past recipient Erin Ollech-Rife, offers the following advice, “When filling out any scholarship application, list all of your accomplishments on your application. You have earned it. Always have someone proofread your essay to make sure you accurately and effectively communicated who **you** are.”

Scholarship guidelines, official rules, and applications can be obtained by visiting SEC’s website, shelbyelectric.coop and clicking on the “Community” tab. They are also available from area high school guidance counselors. Please call the cooperative at 217-774-3986 or 1-800-677-2612 if you would like more information about this scholarship opportunity.

Do not delay! Now is the time to start filling out scholarship applications before it is too late.

Ice and the SPIA Index

Winter storms, especially ice, can cause havoc on the electrical grid, and the cooperative has experienced several ice events over the years.

Ice accumulation on the electrical equipment and trees near power lines can cause isolated outages that might last a few hours to devastating ice-related outages that can last several days.

“Over the years, we have experienced our share of one or two day outages, but in 1978 and 2006 we had prolonged and widespread ice-related events,” remembered Operations Superintendent Terry Oldham. In 1978, it was at least two weeks before the cooperative had all its members’ power back on, and in 2006 it was about a week. “The 1978 ice storm sticks out in my mind because the guys had to use their hooks to climb the poles to get the power restored and it was a lot of hard work. In 2006, we had better equipment, tools, and bucket trucks, which made the job of restoring power quicker for this prolonged ice-related outage,” explained Oldham.

All it takes is a quarter inch of ice to accumulate on power lines to wreak havoc on the system if the wind speeds pick up. When that happens, falling tree limbs become part of the



problem. “Each storm wiped out a good section of our system as winds picked up and ice laden tree limbs fell into our lines,” continued Oldham.

While no one can predict an accurate outage scenario when it comes to ice storms, the Sperry-Piltz Ice Accumulation (SPIA) Index was created to give the utility industry a guide so they can plan accordingly to what the weather forecasts are calling for.

The SPIA Index is a scale for rating ice storm intensity based on the expected footprint of the storm, the expected ice accumulation as a result of a storm, and the expected damage a storm inflicts on man-made structures, especially exposed overhead utility systems such as power lines. The index was created

by Sidney Sperry of the Oklahoma Association of Electric Cooperatives in collaboration with Steven Piltz, a meteorologist at the National Weather Service office in Tulsa, Oklahoma in 2007. To view this index visit our website, shelbyelectric.coop, and click on the related news story.

The SPIA Index is not a tool that can stop outages from happening but it does prepare the cooperative, and other utilities, on what to expect based on certain parameters so they can take action when outages occur.

As always, stay away from any downed power line and call the cooperative at 1-800-677-2612 or use SmartHub to report your outage.



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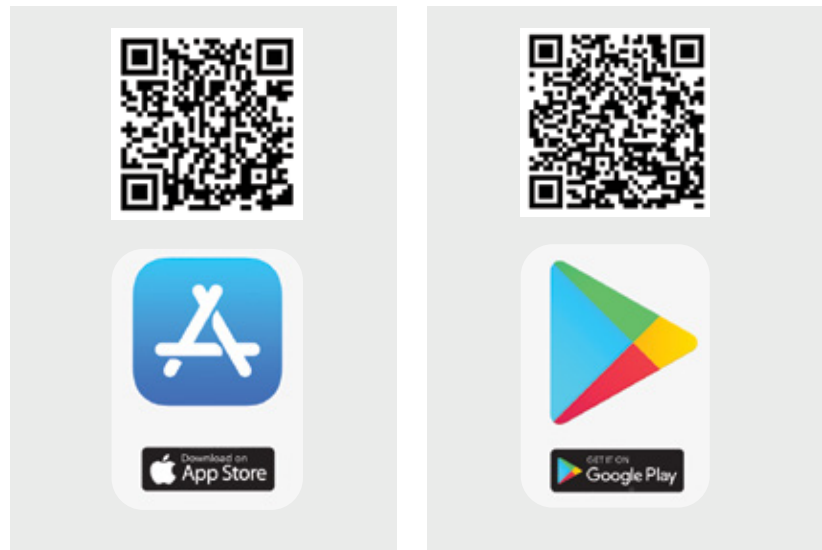
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REAL LIFE  REAL POWER

Getting Real with Marla and Televisions

What does football have to do with television sales? Apparently, a lot.

Personally, I thought the most watched television show in the United States would be “Yellowstone.” However, the most watched show is actually NFL Sunday Night Football, followed by NFL Thursday Night Football.



The items connected to the television also add to the electric use, especially game systems. In fact, the Xbox Series X and PlayStation 5 consoles can draw between 160 - 200+ watts of electricity. That may be more power than the TV it is connected to uses!

For energy savings, it

is recommended to not stream your television shows and movies through a game console. Why might this matter to you? Because the best time of the year for television sales is football season’s biggest game, the Super Bowl. In addition to football fever, the newest TV models have been out for nearly a year by February, creating a natural decline in price.

We like our televisions. According to Nielsen TV ratings, we average 2.5 televisions per household, while 31 percent of households have more than four televisions. Do not blame it all on the kids, either. Adults watch more than four hours of television a day, which includes streaming and live TV. That amounts to 1,460 hours, or 60.8 days, of TV per year.

Why else might this matter to you? Your electric bill! The electricity consumed by TVs can vary significantly based on display technology, size, brightness of the screen, and if the power saving

settings are activated. Often, televisions leave the factories without the power saving settings activated. The good news is that you can buy ENERGY STAR certified televisions. These units are, on average, 25 percent more energy efficient than conventional models, saving energy in all usage modes: sleep, idle, and on. The ENERGY STAR label can be found on TVs with the latest features including:

- High dynamic range (HDR) for brighter highlights, a wider range of colors, and better contrast levels.
- Internet connectivity, also referred to as “Smart TVs” (for access to streaming video services like Netflix or Hulu).
- Ultra-high definition (UHD) resolution (which has 4 times as many pixels as conventional high definition TVs) for crystal clear and life-like images.

is recommended to not stream your television shows and movies through a game console.

If you are going to be away from home for an extended period of time, unplug all TVs and related accessories. When you turn off a TV using the remote or power button, the TV enters a mode called “standby.” It is not technically “off” because the TV is consuming a small amount of electricity to remain on standby. In order for the remote to turn the TV back on quickly, it needs to be in standby mode so that the remote can signal the TV.

Now, we can return to our regularly scheduled program — efficiently. By the way, the 56th Super Bowl is scheduled for Sunday, February 13, 2022.

~Marla Foor,

Communication Specialist

Sources: Statista.com, Consumerreports.org, energystar.gov, nrdc.org



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