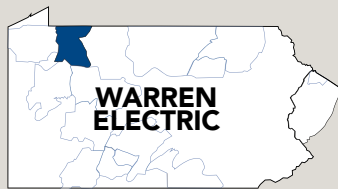


# Warren Electric Cooperative

A Touchstone Energy® Cooperative 



One of 14 electric cooperatives  
serving Pennsylvania and New Jersey

## Warren Electric Cooperative

320 East Main Street  
Youngsville, PA 16371  
814-563-7548  
OR  
1-800-364-8640  
FAX  
814-563-7012

Email: [wec@westpa.net](mailto:wec@westpa.net)

Website: [www.warrenec.coop](http://www.warrenec.coop)

### Staff

**Gary W. Franklin,**  
General Manager/CEO  
[Gwf.wec@westpa.net](mailto:Gwf.wec@westpa.net)

**Todd M. McClain,**  
Data Processing/Finance/Administration

**Steve C. Sampson,**  
Line Superintendent

**Christopher N. Evans,**  
Engineering & Operations Manager/  
Right-of-Way

**Alan D. Fuller,**

Load Management/Special Projects/  
Software Engineer

## BOARD OF DIRECTORS

**Dave Turner**  
Chairman

**James Marshall**  
Vice Chairman  
**Robert August**  
Secretary  
**Jeffrey Sedon**  
Treasurer

**Edgar Burris Jr.**  
**James Goodrich**  
**John Hagberg**  
**Richard Harrington**  
**Dean Johnson**

**Emergency Outage Number**  
814-723-9460

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

## From the General Manager/CEO

# Don't touch that meter seal!

By Gary W. Franklin

THERE is a numbered seal on every electric meter owned by the cooperative. Only authorized cooperative personnel have the right to cut the seal and pull the meter. This is for your protection as well as ours. If you cut the seal and pull the meter, you face fines, costs and possible criminal prosecution. Theft of service in any form is a violation of state criminal codes and punishable by fines, imprisonment, or both.

Pulling the meter under load can cause an electric arc capable of causing serious injury, blindness, burns and sometimes death. If you do any work in the fuse box or meter base, the service must be re-inspected by an authorized inspector. If you need to have electrical work performed, please call the office to schedule our linemen to pull your meter.

## Communications

Communication with you is your cooperative's top priority. We make every effort to make communication as easy as possible. *Penn Lines*, the message area on your bill and member satisfaction surveys are examples of the "old-fashioned" methods of communication. We also have a member "blog" or message board — check the link on our website. You can email us, check out our Facebook page or comment through the webpage. You can even call us, write us a letter or write a comment on your bill. We welcome your comments, questions and suggestions. Feel free to contact me anytime at [gwf.wec@westpa.net](mailto:gwf.wec@westpa.net).

Several members suggested that I make use of pictures on this page of *Penn Lines*.

So members, email me a picture with a short description that you would like to see on this page. I will select one each month.

## Office happenings

The cooperative welcomed 30 new members in May. That brings our membership to 7,632 and total connected accounts to 8,737.

The cooperative office will be closed on Sept. 5 in observance of Labor Day.

We still have a supply of the 2016 green cooperative calendars. Stop by the office anytime to pick one up.

## Warren County Fair reminder


The Warren County Fair will be held the week of Aug. 8. Please support your county fair by attending at least one day. Visit the fair website at [www.warrencountyfair.net](http://www.warrencountyfair.net).

## Monthly brain teaser

**Q:** You have two empty jugs, a three-gallon jug and a five-gallon jug. You want to measure exactly one gallon of milk. How can you do that?

**A:** Fill the three-gallon jug and empty the milk into the five-gallon jug. Then fill the three-gallon jug again and continue to fill the five-gallon jug until it is full. The milk remaining in the three-gallon jug is one gallon.

## Electric line safety video

The cooperative has a safety video on CD that is available for schools, fire departments, first responders, townships, etc. There is no cost for the CD; simply contact the co-op for your copy. 

# Electric co-ops help offer prize for greenhouse gas research

By Paul Wesslund

WHAT if carbon dioxide from burning coal at power plants could be contained and turned into something useful?

A group of electric co-ops and other partners who want to investigate that issue recently broke ground on a research facility at the Dry Fork Station, a power plant in northeast Wyoming owned by Basin Electric Power Cooperative (Basin Electric).

More than a dozen sites around the globe now study “carbon capture” as one possible solution to climate change, but they generally don’t offer the real-world conditions the Integrated Test Center partners say their site will offer when it’s finished next summer.

The facility will allow researchers to place equipment that can test ways to grab carbon dioxide from a working power plant and use it in ways the world might find valuable.

In addition to Basin Electric’s involvement, financial support comes from Denver-based Tri-State Generation and Transmission Association and the National Rural Electric Cooperative Association. The state of Wyoming has been the main funder and organizer of the test center, and another key partner is the X Prize Foundation.



**MOVING TOWARD THE FUTURE:** Electric cooperatives will help lead research into removing greenhouse gas from coal plant emissions with a research station now being built next to this Basin Electric Power Cooperative plant in Wyoming.

X Prize Foundation is an organization that seeks radical breakthroughs for the benefit of humanity. In the past, it has offered cash prizes for space travel and health innovations. More recently, it announced two \$10 million prizes for transformational approaches to converting carbon dioxide emissions into valuable products.

The carbon X Prize will be awarded in 2020, but this past spring’s preliminary deadline has already produced

several applicants, says Dr. Paul Bunje, principal scientist and senior director of energy and environment at X Prize. He says those entries have come from big corporations, garage tinkerers, universities, and small and medium-sized businesses.

The variety of planned research includes using carbon dioxide to make fuels, ingredients in chemical processes, or thin, extremely strong “supermaterials” of the future.

X Prize contestants will begin moving equipment to the test center in the summer of 2018, says Dr. Marcius Extavour, X Prize director of technical operations. And what will that look like?

“Some of the equipment will be tall and skinny, some of it low and wide,” says Extavour. “Some of it might be in a smooth steel case, others will be exposed pipes, others will be, who knows what?”

To read more about the carbon X Prize, visit [www.carbon.xprize.org](http://www.carbon.xprize.org)

*Paul Wesslund writes on cooperative issues for the National Rural Electric Cooperative Association, the Arlington, Va.-based service arm of the nation’s 900-plus consumer-owned, not-for-profit electric cooperatives.*

## Energy Efficiency Tip of the Month



Is your room air conditioner working overtime? Reduce air leaks by installing rigid foam panels (instead of the commonly used accordion panels) in between the window frame and unit, and secure with duct tape.

Source: [energy.gov](http://energy.gov)

# Women and cooperatives

By Adam Schwartz

IN HONOR of Women's Equality Day on Aug. 26, let's take a look at the roles women play in cooperatives across the globe. Even though women in the U.S. and U.K. were not allowed to vote until the early 1900s, women were granted equal voting rights in the first modern era cooperative, the Rochdale Pioneers Equitable Society. Established in 1844 in Rochdale, England, the co-op's founders agreed women should have equal voting rights. So you see, treating women equally has been baked into our cooperative DNA right from the start. And the cooperative business model continues to champion women's equality across the globe.

According to a 2015 global study conducted by the Committee for the Promotion and Advancement of Cooperatives, co-ops have an increasingly positive impact on women and their inclusion in the labor force, and en-

hance the ability of women to achieve positions of authority (both within and outside of the co-op).

In developing countries — where women have long suffered due to biased cultural norms, government policy and lack of opportunities — the role cooperatives play in the lives of women, as well as the role women play in cooperatives, is now more meaningful than ever.

In Paraguay, a South American country bordered by Brazil and Argentina, gender equality has transformed the Manduvira Sugarcane Cooperative (Manduvira).

This fair-trade sugar co-op has seen a dramatic increase in the participation of female members and leaders. Manduvira is a multi-service co-op with two types of operations: organic, fair-trade sugar production, and savings and credit. In both of its operations, Manduvira has seen a significant increase in its success as participation by women grows.

According to several co-op leaders in Manduvira, female members are generally more likely to apply what they learn in training and adopt new farming techniques compared to their male coun-

terparts. Because women are more likely to adopt new technologies and the co-op has seen a higher percentage of women in leadership roles, the co-op has become stronger and more stable.

This is just an example from one cooperative. In South Africa, women make up 60 percent of co-op members from nearly all sectors. In Japan, women make up 95 percent of co-op members in consumer cooperatives and hold key governance positions. And globally, more women join savings and credit cooperatives, giving them increased access to financial resources.

Right here at Warren Electric Cooperative, three women work in the front office where they help make the co-op run smoothly. Treating everyone equally and ensuring folks have fair opportunities is the cooperative way of doing business. ☀

Adam Schwartz is the founder of The Cooperative Way, a consulting firm that helps co-ops succeed. He is an author, speaker and member-owner of the CDS Consulting Co-op. You can follow him on Twitter @adamcooperative or email him at [aschwartz@thecooperativeway.coop](mailto:aschwartz@thecooperativeway.coop).

## INSULATING YOUR HOME TO LOCK IN EFFICIENCY AND SAVINGS

Adding insulation in the areas shown here may be the best way to improve your home's energy efficiency. Insulate either the attic floor or under the roof. Check with a licensed contractor about the crawl space beneath your home.

1 Attic  
2 Walls  
3 Floors  
4 Crawl Space

Source: Dept. of Energy

# WARREN COUNTY FAIR 2016 SCHEDULE OF EVENTS

**Sunday, Aug. 7, 2016**

9 a.m. Church Service with a performance by The Flock — First Niagara Pavilion  
 1 - 8 p.m. Receiving Exhibits — Home & Garden Buildings  
 7 p.m. Warren County Vesper Service — First Niagara Pavilion  
 8 p.m. Home & Garden Building — Exhibits in Place

**Monday, Aug. 8, 2016**

**Miracle Mountain Ranch Day (No Gate Fee All Day)**  
 All Day Judging Exhibits (Home & Garden Buildings closed until 10 a.m. on Tuesday)  
 6 p.m. All Market Animals in Place  
 6 p.m. Draft Horse Fun Show — Show Ring (Sponsored by Warren Industrial Solutions)  
 7 p.m. Warren County Fair Queen Contest — First Niagara Pavilion  
 (Sponsored by Gaughn's Drug Store)

**Tuesday, Aug. 9, 2016**

**Beacon Light Behavioral Health Systems Day**  
 7 a.m. All Other Livestock in Place  
 8 a.m. Gates Open  
 9:30 a.m. 4-H Light Horse Show and Judging — Show Ring  
 9:30 a.m. Sheep Show Judging — 4-H and Open Class — Livestock Pavilion  
 (Sponsored by S & K Scope Mounts LLC)  
 9:30 a.m. Working Cattle Judging — Leisure Ring  
 10 a.m. All Buildings Open  
 11 a.m. Children's Story Hour — Fort Williams  
 (Sponsored by Beacon Light Behavioral Health Systems)  
 (Readers provided by the Warren County Public and School Librarians)  
 1 p.m. Midway by Bates Brothers Amusements Opens  
 1 - 1:30 p.m. Kids activities with the Fair Queen and her court — Betsy Ross Park Gazebo  
 (Provided by Warren County Conservation District)  
 1:30 - 3 p.m. Photo op and crafts with the Fair Queen and her court — Betsy Ross Park Gazebo  
 (Sponsored by Quick Solutions)  
 1 - 4 p.m. Demonstrations by the Warren County Fiber Artists — Red Domestic Building  
 3x daily Agri-Puppets — Near Fair Office (Sponsored by Kessel Construction)  
 2x Tues. Team Rock — Near Fort Williams (Sponsored by Donald E. Lewis Funeral Home)  
 2 p.m. Dairy Fitting Contest — Livestock Pavilion  
 5 p.m. Milk Chugging Contest — Betsy Ross Park Gazebo  
 (Sponsored by S & K Scope Mounts LLC)  
 5 p.m. Cowboy Mounted Shooting Demonstration — Show Ring  
 5 - 8 p.m. Demonstrations by the Warren County Fiber Artists — Red Domestic Building  
 7 p.m. Farm Stock Tractor Dead Boat Pull — Motor Sports Arena  
 7:30 p.m. COLLIN RAYE 25th Anniversary Tour — First Niagara Pavilion  
 Reserved Seats Only. Tickets do not include gate fee  
 (Sponsored by WKNB FM Kinzua Country 104.3 and Kwik Fill/Red Apple)

**Wednesday, Aug. 10, 2016**

**Warren Manor and Corry Manor Day Senior Citizens Day**  
**Active Duty & Retired Military Day**  
 8 a.m. Gates Open (Senior Citizens may show Medicare Card for Reduced Gate Fee of \$4)  
 (Active Military & Military Veterans May Show Military Card or Discharge Papers for Reduced Gate Fee of \$4)  
 9:30 a.m. 4-H Dairy Show — First Niagara Pavilion  
 9:30 a.m. Draft Horse Show and Judging — Show Ring (Sponsored by Koebly Collision)  
 10 a.m. All Buildings Open  
 11 a.m. Children's Story Hour — Fort Williams  
 (Sponsored by Beacon Light Behavioral Health Systems)  
 (Readers provided by the Warren County Public and School Librarians)  
 1 p.m. Midway by Bates Brothers Amusements Opens  
 1 - 1:30 p.m. Kids activities with the Fair Queen and her court — Betsy Ross Park Gazebo  
 (Provided by Warren County Conservation District)  
 1:30 - 3 p.m. Photo op and crafts with the Fair Queen and her court — Betsy Ross Park Gazebo  
 (Sponsored by Quick Solutions)  
 1 - 4 p.m. Demonstrations by the Warren County Fiber Artists — Red Domestic Building  
 3x daily Agri-Puppets — Near Fair Office (Sponsored by Kessel Construction)  
 2x Wed. Team Rock — Near Fort Williams (Sponsored by Donald E. Lewis Funeral Home)  
 2 p.m. 4-H and Open Class Beef Show and Judging — Livestock Pavilion  
 4 - 5 p.m. 4-H Horse Clinic — Leisure Ring  
 4:30 p.m. Weigh-In for Antique Tractor Pull — Motor Sports Arena  
 5:30 p.m. Swine Show and Judging — Livestock Pavilion  
 5:30 p.m. 4-H Horse Fun Show (upon completion of draft horse classes) — Show Ring  
 6:30 p.m. Antique Tractor Pull — Motor Sports Arena  
 7:30 p.m. HOME FREE (free with gate admission) — First Niagara Pavilion  
 (Sponsored by Ameriprise Financial)

**Thursday, Aug. 11, 2016**

**First Niagara Day**  
 8 a.m. Gates Open  
 10 a.m. All Buildings Open  
 10 - 11 a.m. Barnyard Olympics — Leisure Ring (Sponsored by Russell Veterinary Hospital)  
 10 a.m. Open Class Dairy Show and Judging — First Niagara Pavilion  
 (Sponsored by Alaskey & Busch PLLC)  
 10 a.m. Draft Horse Hitch — Show Ring (Sponsored by H & H Enterprises)  
 11 a.m. Children's Story Hour — Fort Williams  
 (Sponsored by Beacon Light Behavioral Health Systems)  
 (Readers provided by the Warren County Public and School Librarians)  
 11 a.m. Goat Show & Judging — Livestock Pavilion  
 1 p.m. Midway by Bates Brothers Amusements Opens  
 1 - 1:30 p.m. Kids activities with the Fair Queen and her court — Betsy Ross Park Gazebo

(Provided by Warren County Conservation District)  
 1:30 - 3 p.m. Photo op and crafts with the Fair Queen and her court — Betsy Ross Park Gazebo  
 (Sponsored by Quick Solutions)  
 1 - 4 p.m. Demonstrations by the Warren County Fiber Artists — Red Domestic Building  
 3x daily Agri-Puppets — Near Fair Office (Sponsored by Kessel Construction)  
 2x Thurs. Team Rock — Near Fort Williams (Sponsored by Donald E. Lewis Funeral Home)  
 1 - 7 p.m. KidCare ID — By 4-H Building (Sponsored by Jefferson Defrees Family Center)  
 4:30 p.m. Lawn and Garden Tractor Weigh-In begins — Motor Sports Arena  
 5 - 6 p.m. Registration for Woodsmen's Contest begins — Show Ring  
 5 p.m. Children's Free Bicycle Drawing — First Niagara Pavilion  
 (Sponsored by McDonalds of Warren)  
 5 - 6 p.m. Junior 4-H Horse Clinic — Leisure Ring  
 6 - 7 p.m. Senior 4-H Horse Clinic — Leisure Ring  
 6:30 p.m. Woodsmen's Contest — Show Ring  
 7 p.m. Lawn and Garden Tractor Pull — Motor Sports Arena  
 7:30 p.m. LITTLE TEXAS (free with gate admission) — First Niagara Pavilion  
 (Sponsored by Ameriprise Financial)

**Friday, Aug. 12, 2016**

**PNC Bank Day**  
 8 a.m. Gates Open  
 9:45 a.m. Farm Team Horse Pull (fair horses only) — First Niagara Pavilion  
 (Sponsored by Butch Southwell Oil)  
 10 a.m. All Buildings Open  
 10 - 11 a.m. Barnyard Olympics — Leisure Ring (Sponsored by Russell Veterinary Hospital)  
 11 a.m. Children's Story Hour — Fort Williams  
 (Sponsored by Beacon Light Behavioral Health Systems)  
 (Readers provided by the Warren County Public and School Librarians)  
 1 p.m. Lightweight Horse Pull — First Niagara Pavilion  
 (Sponsored by Butch Southwell Oil)  
 1 p.m. Midway by Bates Brothers Amusements Opens  
 1 - 1:30 p.m. Kids activities with the Fair Queen and her court — Betsy Ross Park Gazebo  
 (Provided by Warren County Conservation District)  
 1:30 - 3 p.m. Photo op and crafts with the Fair Queen and her court — Betsy Ross Park Gazebo  
 (Sponsored by Quick Solutions)  
 1 p.m. Scavenger Hunt for Youth 8-18 — Meet at the horse barns  
 1 - 4 p.m. Demonstrations by the Warren County Fiber Artists — Red Domestic Building  
 3x daily Agri-Puppets — Near Fair Office (Sponsored by Kessel Construction)  
 3x Fri. Team Rock — Near Fort Williams (Sponsored by Donald E. Lewis Funeral Home)  
 1 - 7 p.m. KidCare ID — By 4-H Building (Sponsored by Jefferson Defrees Family Center)  
 4 p.m. Celebrity Milking Contest — Milking Parlor  
 5 p.m. Steer Dump — Show Ring  
 5 - 8 p.m. Demonstrations by the Warren County Fiber Artists — Red Domestic Building  
 6 p.m. Heavyweight Horse Pull — First Niagara Pavilion  
 (Sponsored by Butch Southwell Oil)  
 7 p.m. Warren County Fair Livestock Sale — Livestock Pavilion  
 8 p.m. Modified Truck and Tractor Pull — Motor Sports Arena  
 (Sponsored by "The Hound" WDDH 97.5, Elwood National Steel and Jones Chevrolet Buick GMC) Admission Charged

**Saturday, Aug. 13, 2016**

**Northwest Savings Day**  
 8 a.m. Gates Open  
 9 a.m. Warren County Silver Cup Horse Show — Show Ring  
 10 a.m. All Buildings Open  
 11 a.m. Firemen's Competition — Motor Sports Arena  
 11 a.m. Children's Story Hour — Fort Williams  
 (Sponsored by Beacon Light Behavioral Health Systems)  
 (Readers provided by the Warren County Public and School Librarians)  
 12:30 p.m. Registration for Pedal Power Pull — Livestock Pavilion  
 1 p.m. Midway by Bates Brothers Amusements Opens  
 1 - 1:30 p.m. Kids activities with the Fair Queen and her court — Betsy Ross Park Gazebo  
 (Provided by Warren County Conservation District)  
 1:30 - 3 p.m. Photo op and crafts with the Fair Queen and her court — Betsy Ross Park Gazebo  
 (Sponsored by Quick Solutions)  
 1 p.m. Scavenger Hunt for Youth 8-18 — Meet at the horse barns  
 1 - 4 p.m. Demonstrations by the Warren County Fiber Artists — Red Domestic Building  
 3x daily Agri-Puppets — Near Fair Office (Sponsored by Kessel Construction)  
 3x Sat. Team Rock — Near Fort Williams (Sponsored by Donald E. Lewis Funeral Home)  
 1 - 7 p.m. KidCare ID — By 4-H Building (Sponsored by Jefferson Defrees Family Center)  
 1 p.m. Pedal Power Pull — Livestock Pavilion (Sponsored by Lawson Bros. Quality Auto)  
 2 p.m. Dairy Princess Ice Cream Treats — Milking Parlor  
 5 p.m. Children's Free Bicycle Drawing — First Niagara Pavilion  
 (Sponsored by McDonald's of Warren)  
 5:30 p.m. THORN HAVEN (free with gate admission) — First Niagara Pavilion  
 (Sponsored by WRRN FM 92 Gold and Kwik Fill/Red Apple)  
 7 p.m. Stock Car Football (Free with gate admission) — Motor Sports Arena  
 (Sponsored by Ed Shults of Warren)  
 10 p.m. Fireworks (Sponsored by Warren General Hospital)  
 11 p.m. Livestock Released

**Sunday, Aug. 14, 2016**

10 a.m. Church Services — First Niagara Pavilion  
 1 - 3 p.m. General Exhibits Released

Schedule is subject to change without notice  
 Theme for the 2016 Warren County Fair: "We Have Good Things Growing"