

MUNICIPAL POWER NEWS

Montezuma
Municipal Utilities



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Pictured are the winners from the 10th Annual Zoom Town Covered Bridge 5K Run/Walk.

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5K Run/Walk Benefits Covered Bridge Festival

In its tenth year, the Zoom Town Covered Bridge 5K Run/Walk had another successful turnout, with a total of 92 individuals participating. The 5K has taken place every year for the last ten years, and is one of the major fundraising events that allow Montezuma to play host to many festivities during the Parke County Covered Bridge Festival.

This year's 5K not only raised money for the Covered Bridge Festival, but was also a sanctioned Indiana Bicentennial event, serving to celebrate Indiana history and its 200th birthday. While most

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Anatomy of an Electric Utility Pole

Utility poles are a common sight throughout the United States, as they are located adjacent to many roadways that are visible while driving. While you see these poles every day, have you ever thought about the function of the poles and the lines and attachments that hang onto them?

Utility poles play an important role in electrical distribution, which is a fancy term for how electricity travels to your home or business. All of the lines and attachments that sit on the utility pole play an essential role in this process. Read on to learn more about the different parts that make up your everyday electric power pole.

1. Insulator: The insulator prevents wires from coming into contact with each other on the utility pole, which could cause fires, outages and other dangerous conditions.

2. Guy wire: The guy wire is a tensioned wire that helps to stabilize the utility pole to the ground.

3. Transformer: An electrical device, typically in a metallic enclosure, that converts high voltage electricity to a lower voltage for use in homes and businesses.

4. Fuse cutout: A combination of a fuse and a switch, the fuse cutout is used to protect power lines and other equipment from surges or overloads by disconnecting the power line from a transformer.

5. Crossarm: This horizontal piece of the utility pole is typically made of high-quality wood and holds power lines and other equipment, such as transformers, onto the pole.

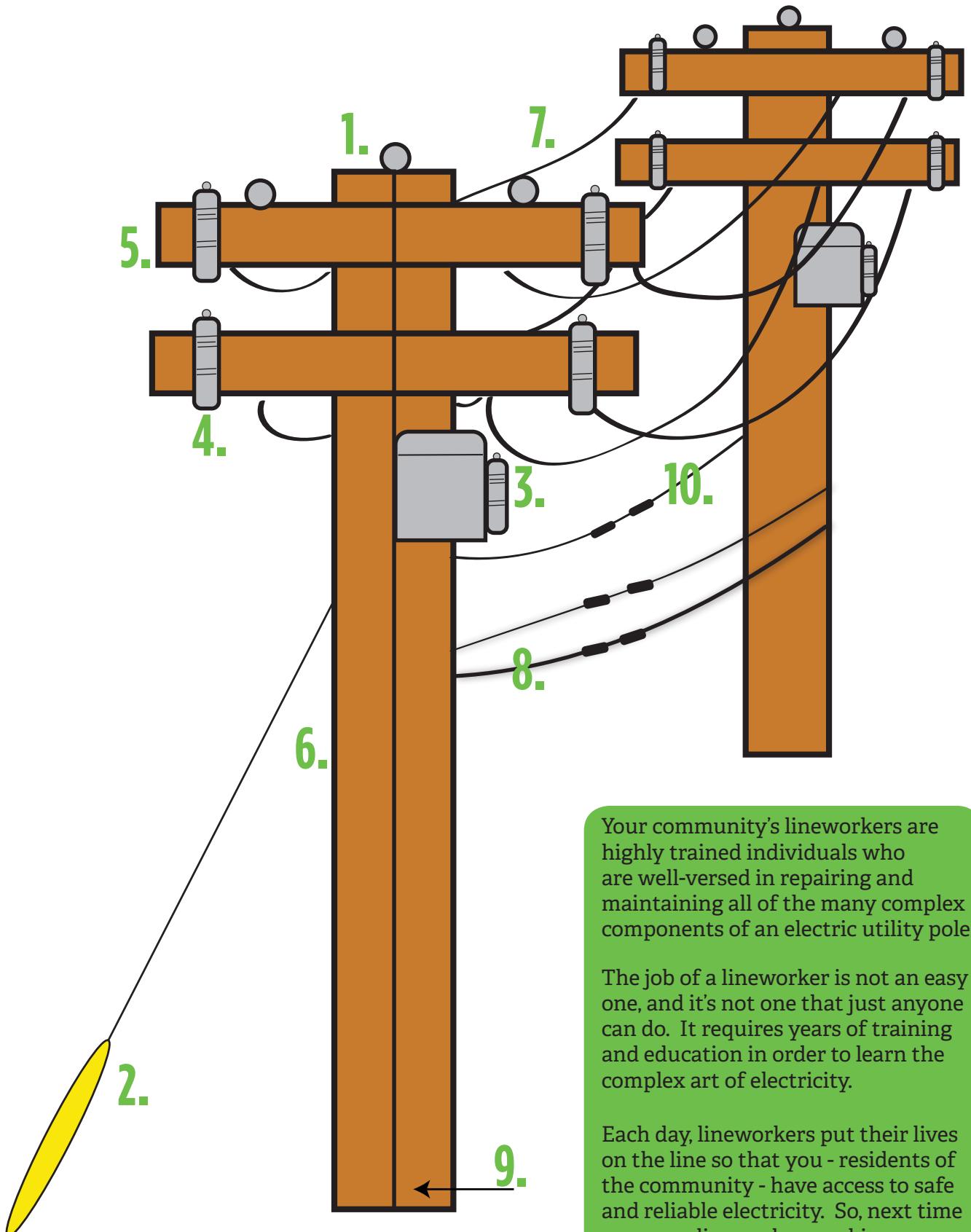
6. Utility pole: The utility pole is typically made of wood or steel, and can range in height from 30 feet to more than 100 feet. The pole serves as the backbone for the electric line and holds all of the components and equipment.

7. Primary wire: These wires are on the very top of the utility pole, and usually carry high voltage electricity from a substation.

8. Lowest wires: Utility poles don't just hold electric wires; other wires, such as telephone or cable wires, are also attached to these poles. Typically, these wires are found closest to the ground and are the lowest wire on the utility pole.

9. Ground wire: This wire runs the entire length of the utility pole, directing any electricity on the pole safely into the ground.

10. Secondary wire: Once the high voltage electricity has been converted to a lower voltage, the secondary wire carries that electricity to homes and businesses.



Your community's lineworkers are highly trained individuals who are well-versed in repairing and maintaining all of the many complex components of an electric utility pole.

The job of a lineworker is not an easy one, and it's not one that just anyone can do. It requires years of training and education in order to learn the complex art of electricity.

Each day, lineworkers put their lives on the line so that you - residents of the community - have access to safe and reliable electricity. So, next time you see a lineworker working on a utility pole, stop and thank them for their service to the community.

5K Run/Walk

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of the funds go towards the Covered Bridge Festival, a portion of this year's funds were donated to the Parke County Bicentennial Committee Legacy Mural Project and will help pay for supplies that will be used in the Parke County Courthouse mural that is being painted by artist Bill Wolfe.

Winners of this year's race included Noah Clos, first place male runner; Kim White, first place female runner; Braydan Harkrider, first place male walker; and Tyierra Faulk, first place female walker. Staff and students from Riverton Parke Jr.-Sr. High School won the team trophy for the most participants from one group, and Logan Bartlow won the fun run.

The Montezuma Covered Bridge Festival Committee is already looking ahead to next year's run, which is scheduled for May 20, 2017 and will again raise money for the Covered Bridge Festival. The Committee thanks all participants and volunteers and looks forward to next year's run/walk! ●

Town Hosts Successful Montezuma Independence Day Celebration

The Town of Montezuma made it a mission to celebrate the 4th of July in a big way, as the community executed its largest Independence Day celebration in town history. This event was planned by a variety of community volunteers as well as the Montezuma Fire Department and Auxiliary and the Montezuma Police Department. This event not only celebrated America's independence, but also Indiana's birthday, as it was designated as an official Indiana Bicentennial event.

The Independence Day celebration began with a water ball contest, sponsored by the Montezuma Fire Department, and was then followed by a memorial ceremony honoring local veterans sponsored by the Montezuma Park Board. The Old Glory Quilters were also in attendance to present 12 quilts to veterans.

One of the major highlights of the celebration was the parade with its many floats and participants. After the parade, the Montezuma Boy Scout Troop #62 led a flag raising ceremony with Doug Weisheit from The Fountain Trust Company presenting the state flag colors in celebration of the Indiana Bicentennial. The annual queen and baby

contest winners were also announced after the parade and the flag raising.

Other events throughout the day included a "Touch a Truck", which gave families the opportunity to get close to various types of emergency, service and farming vehicles and learn from those individuals who operate those cars and trucks. There were also several different yard games for families to play, including a duck pond, ladder golf, ring toss and basketball. A car show, sponsored by the Montezuma Utility Department, took place in the south end of the park, and gave visitors the opportunity to pose in front of many different vehicles.

The celebration culminated with an impressive fireworks display, presented by SkyPainter. This fireworks display was the only show between two counties on the 4th of July, leading to a record number of attendees. Money raised by the Fire Department and Auxiliary was used to fund the fireworks show.

The Town of Montezuma would like to thank all of those individuals and groups who played a role in the planning and execution of the successful Montezuma Independence Day Celebration. The town looks forward to next year! ●

Celebrate Indiana's Bicentennial!



In an effort to celebrate Indiana's Bicentennial all year long, IMPA is bringing readers of the *Municipal Power News* fun facts about Indiana history. Read on to learn more about the Hoosier state.

Indiana's state motto, "Crossroads of America," has been in existence since the early 1800s when river traffic along the Ohio River was a major mode of transportation. Today, more interstates and highways intersect Indiana than any other state.

Southern and central Indiana contain an abundance of limestone, which has been used in the construction of famous buildings such as the Pentagon and the Empire State Building.

Indiana's state flag was adopted in 1917 and was designed by Paul Hadley as part of a contest celebrating the state's 100th birthday.

Source: Indiana Department of Education

Tidbits & Trivia

Question: Which type of wire on a utility pole carries the high voltage electricity from a substation?

- a) Secondary wire
- b) Primary wire
- c) Ground wire
- d) None of the above

Send your answer to the question to IMPA, and we will randomly select winners from all of the correct entries to receive an energy efficiency prize pack. Please send your name, e-mail address and address with your answer to:

newsletter@impa.com

OR

MPN Energy Efficiency Quiz
11610 North College Avenue
Carmel, IN 46032

The Indiana Municipal Power Agency (IMPA) is a not-for-profit organization that provides a low cost, reliable and environmentally-responsible power supply to its members.

IMPA member utilities purchase their power from IMPA and deliver that power to the residents and companies within the community.

Substation

noun.

A facility used for switching and/or changing or regulating the voltage of electric energy. A substation may tie generating stations to transmission systems or transmission systems to distribution systems.

IMPA Continues Building Solar Parks in Local Communities

Throughout the last two years, the Indiana Municipal Power Agency (IMPA) has constructed nine solar parks in large and small IMPA communities throughout Indiana. This year, the Agency is in the midst of constructing four additional solar parks in the communities of Anderson, Huntingburg, Waynetown and Washington. These solar parks are all aimed at adding more renewable and economical energy resources to IMPA's power portfolio.

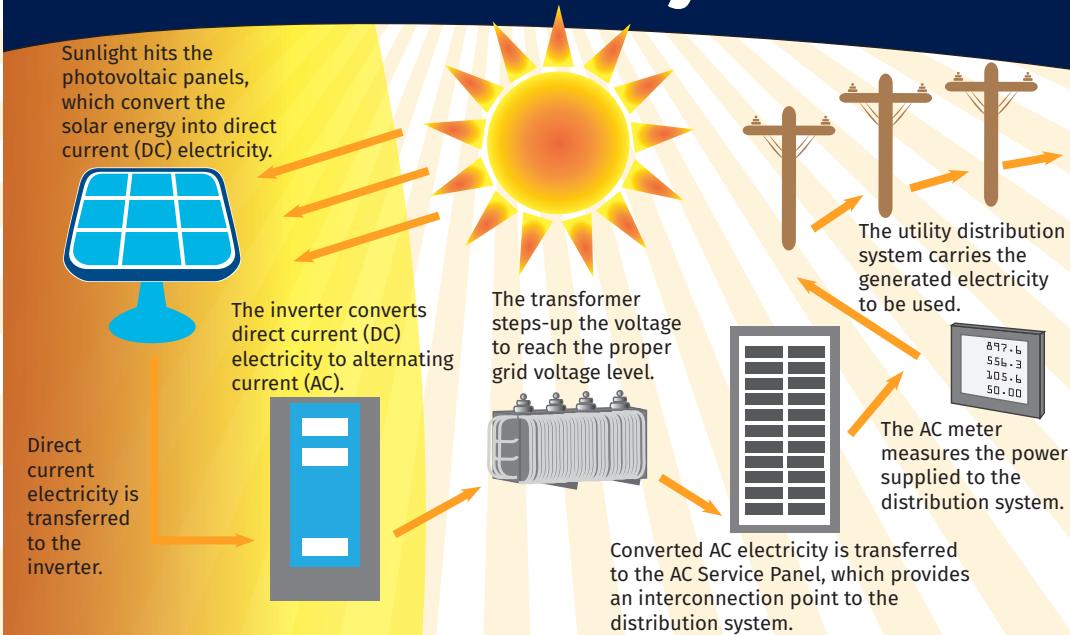
When energy is created by the solar parks, it is then placed onto the local distribution system in whichever town or city the solar park is located in. As the solar power is produced, it becomes a part of all of the electric generation that is supplying the system, which is typically a mixture of power produced via coal, natural gas, solar, wind and nuclear.

The process of generating electricity from the sun may seem to be a complex one, but in reality, is really quite simple. When sunlight

hits the solar panels, the panels convert that energy into direct current electricity. That electricity is transferred to an inverter, located within the solar park. The inverter then takes the direct current electricity and converts it into alternating current (AC) electricity. Once converted to AC, the transformer steps-up the voltage to the proper level, and is then transferred to the interconnection point on the distribution system. The AC meter measures the energy from the solar park prior to its connection to the distribution system and ultimately the customer.

IMPA plans to add approximately 10 megawatts of solar capacity into its overall power portfolio each year, meaning more and more IMPA member communities will have solar parks within the coming years. For more information on IMPA's solar parks, visit www.impa.com.

How does solar generate electricity?



Cooking Corner

For a chance to be featured in the newsletter and win a prize, send your recipe to:

MPN Recipes
11610 N. College Ave.
Carmel, IN 46032
or
newsletter@impa.com

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Chicken and Dumpling Casserole

Recipe submitted by Vicky Hicks-Spear of Tell City, Indiana.

-1 pound chicken breasts	-1 can cream of chicken soup
-2 cups chicken broth	- 3 tsp. chicken bouillon
-1/4 cup butter	-1/2 tsp. sage
-2 cups Bisquick	-1 tsp. black pepper
-2 cups whole milk	-1/2 stick butter

Preheat oven to 350 degrees. In a 9x13 baking pan, melt 1/2 stick butter. Shred chicken and spread over butter. Sprinkle black pepper and sage over the chicken. Do not stir. In a small bowl, mix milk and Bisquick. Slowly pour over chicken. In another medium bowl, whisk together 2 cups of chicken broth, chicken bouillon and soup. Once blended, slowly pour over the Bisquick layer. Bake casserole for 30 to 40 minutes, or until golden brown.

Strawberry Delight

Recipe submitted by Burdett Parsons of Washington, Indiana.

-1 pre-made angel food cake	-16 oz. tub whipped cream
-8 oz. cream cheese	-1 1/3 cup sugar
-16 oz. strawberry glaze	-1 qt. fresh strawberries

Tear angel food cake into pieces and mix with 1/3 of the tub of whipped cream. Put whipped cream mixture into the bottom of a serving dish. Mix the rest of the whipped cream with the cream cheese and the sugar and place on top of the cake. Slice strawberries into quarters and mix with the strawberry glaze. Then, spread the strawberry mixture over the top of the cake.

Advance	Columbia City	Greendale	Middletown	South Whitley
Anderson	Covington	Greenfield	Montezuma	Spiceland
Argos	Crawfordsville	Huntingburg	New Ross	Straughn
Bainbridge	Darlington	Jamestown	Paoli	Tell City
Bargersville	Dublin	Jasper	Pendleton	Thorntown
Blanchester, OH	Dunreith	Kingsford Heights	Peru	Tipton
Bremen	Edinburgh	Knightstown	Pittsboro	Veedersburg
Brooklyn	Etna Green	Ladoga	Rensselaer	Walkerton
Brookston	Flora	Lawrenceburg	Richmond	Washington
Centerville	Frankfort	Lebanon	Rising Sun	Waynetown
Chalmers	Frankton	Lewisville	Rockville	Williamsport
Coatesville	Gas City	Linton	Scottsburg	Winamac

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IMPA Commissioner: Jay Norris

Save Energy This Fall!

As the summer months wrap up and temperatures begin to cool, take action to ensure that your house and habits are as energy efficient as possible. Read on for helpful tips to save money this fall:

- Schedule regular maintenance for your heating system.
- Replace the air filter in a furnace on a monthly basis. A dirty air filter makes the heating and cooling system work harder, causing wear and tear on the equipment.

- Take shorter showers. This can save hundreds of gallons of hot water and also reduce water heating costs.
- Turn off kitchen and bath ventilation fans after use. If left on, the fans can blow the warm air from inside your home to the outside.

The best way to reduce your electric bill is to do everything you can to make your home more energy efficient. ●