

MUNICIPAL POWER NEWS

Lawrenceburg
Municipal Utilities



IMPA
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Olin Clawson (center) accepts the Mark Crisson Leadership and Managerial Excellence Award from Doug Hunter, APPA Chairman (left) and Andrew Boatright, Chair of APPA's Awards Committee (right).

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Director of Lawrenceburg Municipal Utilities Wins Distinguished Award

In June, Olin Clawson, Director of Lawrenceburg Municipal Utilities (LMU), received the prestigious Mark Crisson Leadership and Managerial Excellence Award by the American Public Power Association (APPA), the national trade association dedicated to promoting public power.

According to APPA, this impressive award "recognizes managers...who bring their organizations to new levels of excellence, lead by example, and inspire their employees and staff to improve processes, services and operations." This is only the second year that APPA has awarded this honor to one deserving individual.

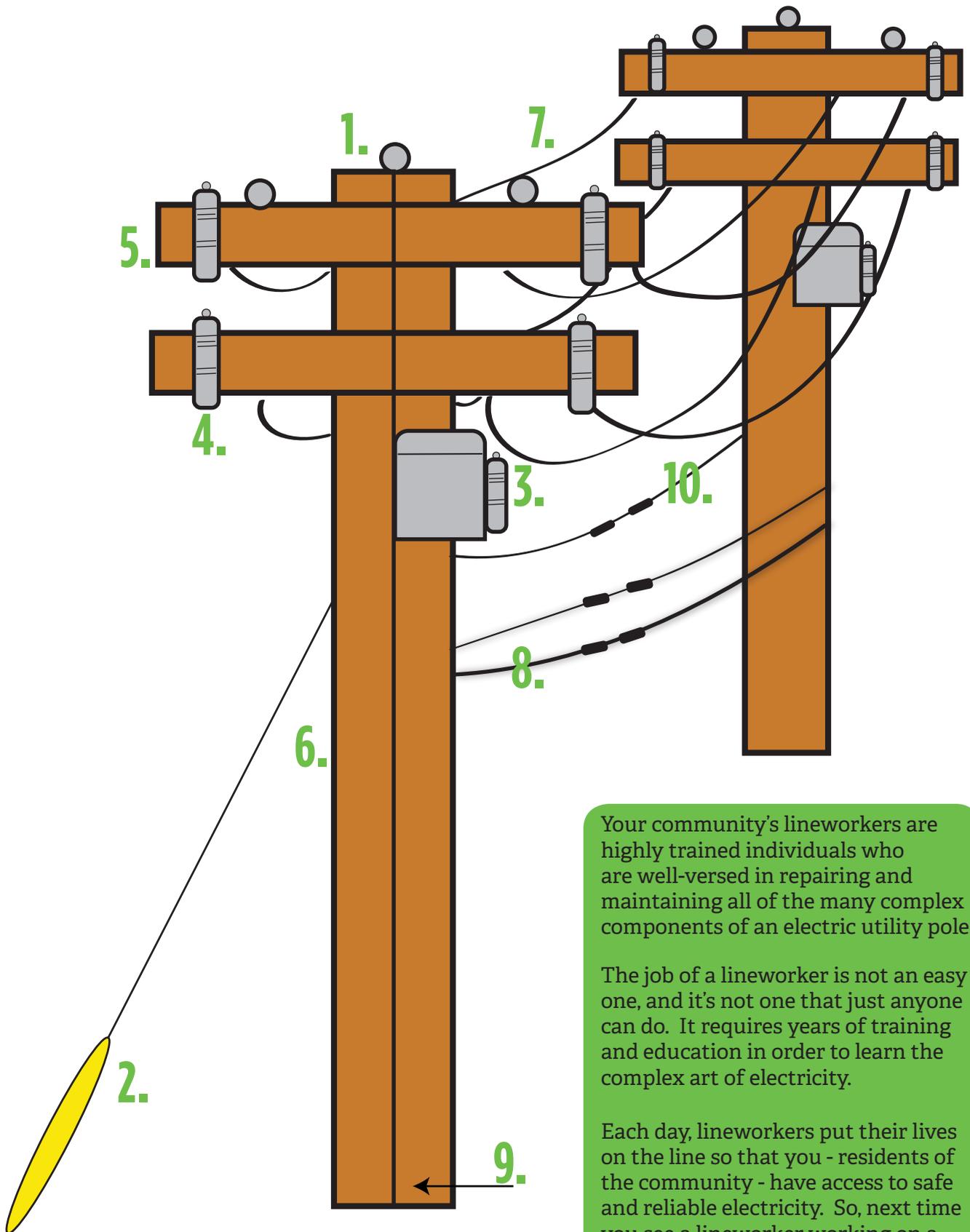
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Anatomy of an Electric Utility Pole

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.

Utility Hosts IMEA Whiskey City Lineworkers' Rodeo

In September, Lawrenceburg Municipal Utilities (LMU) played host to the 6th annual Indiana Municipal Electric Association (IMEA) Lineworkers' Rodeo, which was aptly renamed the IMEA Whiskey City Lineworkers' Rodeo, in part to celebrate Lawrenceburg's storied history. The rodeo also coincided with Dearborn County's Bicentennial celebrations, which provided a full weekend of activities for Lawrenceburg residents.

The Lineworkers' Rodeo is a unique event, designed to showcase the skills and knowledge of lineworkers from public power utilities in Indiana as well as surrounding states. The rodeo featured a variety of competitive events, including team, apprentice, individual, senior and mutual aid. The various events are judged on safety, work practices, neatness, ability, equipment handling and speed.

LMU was proud to host this year's rodeo, which not only celebrated Indiana lineworkers, but also celebrated public power utilities across the state. LMU would like to thank all of its staff for their hard work and dedication as well as all attendees of the event. The Indiana Municipal Power Agency (IMPA), Lawrenceburg's wholesale power provider, would also like to congratulate Olin Clawson and LMU staff on a successful rodeo. ●



Participants in the Lineworkers' Rodeo competed in a variety of events aimed to showcase their skillset and knowledge.

(More photos are included on page 8)



Award

-continued from page 1

"Since Olin joined Lawrenceburg Municipal Utilities, he has been an invaluable asset to his utility, community and to the Indiana Municipal Power Agency (IMPA)," stated Raj Rao, President and CEO of IMPA, Lawrenceburg's wholesale power provider. "His knowledge and expertise have been a welcome addition to our board of commissioners, inspiring all of our Indiana communities to new levels of achievement."

Clawson joined LMU in late 2014, and since then, has made a mark on both the Lawrenceburg community and on LMU. He has made it a priority to involve community members by implementing a round-up program, which benefits customers who have difficulties paying their electric bill as well as executing customer service appreciation days, and a variety of other community events. IMPA as well as the City of Lawrenceburg congratulate Clawson on this honor and achievement! ●

Lawrenceburg Municipal Utilities Celebrated Public Power Week

Lawrenceburg Municipal Utilities (LMU), along with more than 2,000 other utilities in cities and towns across the United States, is a public power utility, meaning the utility is owned and operated by its local community. As a customer of a public power utility, you enjoy a variety of benefits, which include low-cost power, reliability and local, hometown service.

Every year, the industry celebrates Public Power Week, and this year, LMU celebrated with a variety of community outreach events. These events took place during the week of October 2nd, and included free doughnuts and coffee at the utility office, free t-shirts, a hot dog lunch and a celebration at the Lawrenceburg Tigers home football game. LMU is proud to be a public power utility, and always aims to provide affordable, reliable and safe power to its customers. ●

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 through 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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Centerville	Frankfort	Lebanon	Rising Sun	Waynetown
Chalmers	Frankton	Lewisville	Rockville	Williamsport
Coatesville	Gas City	Linton	Scottsburg	Winamac

Chicken and Dumpling Casserole

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

- 1 pound chicken breasts
- 2 cups chicken broth
- 1/4 cup butter
- 2 cups Bisquick
- 2 cups whole milk
- 1 can cream of chicken soup
- 3 tsp. chicken bouillon
- 1/2 tsp. sage
- 1 tsp. black pepper
- 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
- 8 oz. cream cheese
- 16 oz. strawberry glaze
- 16 oz. tub whipped cream
- 1 ^{1/3} cup sugar
- 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.



The Municipal Power News is published by the Indiana Municipal Power Agency and Lawrenceburg Municipal Utilities.

IMPA Commissioner: Olin Clawson

Photos from the 2016 Whiskey City Lineworkers' Rodeo

