

MUNICIPAL POWER NEWS

Peru Utilities



IMPA
INDIANA MUNICIPAL POWER AGENCY

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Solar Power Expanding in Peru

In 2014, Peru's wholesale power provider, the Indiana Municipal Power Agency (IMPA), established a solar program to construct renewable generation facilities across the state of Indiana. One year later, IMPA collaborated with Peru utility officials to establish one of the Agency's first solar parks in the state, providing local renewable energy and diversifying the city's power resources. A diverse power

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History in the Making

A Message from IMPA



Though the COVID-19 pandemic has shaken our sense of normalcy, the course of history shows us that the emergence and rapid spread of a deadly illness is anything but abnormal. Humanity has been confronted by detrimental outbreaks of contagious diseases before, such as the Bubonic Plague in Europe, the Smallpox outbreaks in the Americas, and the Spanish Flu during World War I. Each of these difficult moments in humanity's past has been paired with significant cultural and social changes, and the COVID-19 pandemic is certainly following suit.

Many of the same practices that are complicating our life today were frequently implemented to mitigate the spread of infectious diseases in years past, including self-isolation and the limiting of public gatherings. The word "quarantine" itself became popularized in 17th century Italy to describe a mandated isolation (frequently lasting 40 days) that was required of newly arrived travelers to prevent the development of foreign diseases in Italy. Since we still have no reliable treatments or vaccinations to address COVID-19, revisiting the strategies of time gone by is currently our best approach to battling the ongoing public health emergency. Regular social distancing and self-quarantine for those who show symptoms, accompanied by wearing masks, have shown to be the most effective ways to reduce the risk of the transmission of COVID-19 at the present time.

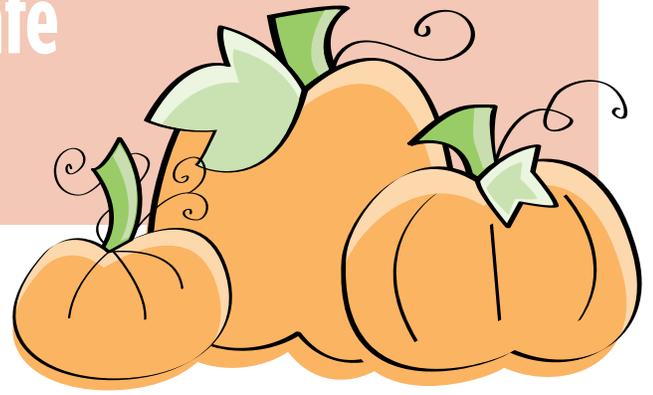
As your community's wholesale power provider, the Indiana Municipal Power Agency (IMPA) embraces its role as an essential service provider through the developing pandemic. COVID-19 is unique from past plagues and outbreaks in that our world is

now connected virtually. Through isolation and social distancing, we can still call family and friends, stream entertaining content, and attend virtual doctors' appointments, business meetings, and religious services. All these things are possible through the power of modern electricity and the country's electric distribution infrastructure. Without the hard work of utility employees on the front lines through COVID-19 to continue supplying a bit of normalcy to the world, we would truly be back in the "dark ages."

Though it was all the way back in March when the first confirmed case of COVID-19 came to Indiana, Hoosier communities are still adapting to the ever-evolving global situation. IMPA and utility personnel in all of the Agency's member communities continue to remain diligent at work and in public spaces. Maintaining the health and well-being of the community, along with a reliable electric service, is at the core of everything the Agency and your local utility are doing.

As history shows, our world has healed from disease outbreaks before, and it will certainly heal from COVID-19. As troubling as the current pandemic is to all of us, societies of the past have confronted similar obstacles and triumphed. We will surely follow in the footsteps of our predecessors, and we can learn a great deal from their actions and innovations. As we look forward in the fight against COVID-19, IMPA encourages everyone to be safe and know that we are all in this together. •

Keep Your Information Safe This Holiday Season!



Hackers know that during this time of year, we are all more likely to pull out our credit cards and do some online shopping in preparation for the holidays. As a result, cybercriminals have come up with some crafty ways to ruin all your holiday fun. Whether you're buying decorations, party favors, or gifts, be sure to keep these tips in mind to make sure you can keep that carefree, festive spirit alive!

- **Only shop on reliable websites.** Use the websites of retailers you know and trust and be sure to access their webpages through a reliable search engine or by directly typing their URL into an address bar.
- **Be wary of online discounts.** If an offer is too good to be true, it probably is! Unreliable websites and fake companies attempt to bait victims by offering fake discounts that lead to fraudulent links. Only use coupon codes or discounts provided by trusted retailers.
- **Beware of seasonal frauds.** Phishing is a form of cyberattack where hackers use emails to impersonate a trustworthy source and lure victims into clicking malicious links. Around the holidays, hackers send out fake package tracking emails, e-cards, charity donation scams, and purchase confirmations. Before clicking on links in an email, always be sure that it comes from a trusted source.



The **Indiana Municipal Power Agency**, your community's wholesale power provider, wants you and your family to have a wonderful, safe holiday season. Follow us on our social media accounts for plenty of holiday fun and safety tips!



@impapower



@ImpaPower



Indiana Municipal Power Agency

Solar Power

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portfolio helps keep stable electric rates and a reliable power supply, benefitting everyone in the community. Since its construction, Peru's solar park contributes to IMPA's effort in keeping the city's power supply low-cost, reliable, and environmentally friendly.

With the goal to further the benefits of renewable generation in the community, utility officials worked with IMPA to begin construction on an additional solar park in Peru this summer. Once completed, this solar park will be one of the largest IMPA solar parks constructed in the state, rated at 9.45 megawatts (MW). The Peru 2 Solar Park is over three times larger than the first solar park constructed in Peru five years ago. Not only is Peru 2 larger, but it utilizes a newer technological feature as well—a single axis tracking system. This system will allow the panels of the new solar park to move throughout the day, following the path of the sun and generating more power as a result. Construction on Peru 2 officially began in June of this year and is estimated to be commissioned in March of 2021. Once completed, the combined solar capacity of both local solar parks will be able to produce enough energy to power over 1,800 homes in Peru.

The energy generated by these solar sites stays within the city, benefitting the local electric system and supporting renewable energy in Indiana. Each solar park also becomes a contributor to the city's tax base through annual property taxes. Additionally, the generation facilities bolster economic development, as



The Ribbon Cutting Ceremony for Peru's first solar park was held in October of 2015.

renewable power is highly marketable to prospective businesses and industries. Together, IMPA and Peru are proud to be leaders in solar development in Indiana and the city is excited to see the benefits of renewable generation for years to come.

"Peru has been a wonderful ally to IMPA since our beginning in 1983, and we are thrilled to work with the community to make renewable resources in Indiana a reality," said Raj Rao, President and CEO of IMPA. "IMPA prides itself on providing low-cost, reliable, and environmentally responsible power to our member communities, and the construction of these solar parks enables us to continue meeting that goal."

IMPA hopes to eventually install a solar park in each of the Agency's 61 member communities. Currently, the

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Solar Power

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Agency has built 30 solar parks in 21 cities and towns in Indiana and plans to complete construction on four more solar parks by early 2021, including Peru 2. With the second solar park completed, Peru will join the ranks of IMPA member communities like Anderson, Crawfordsville, Richmond, Rensselaer, and Tell City in hosting multiple solar facilities in their service territory. In part thanks to its relationship with the city of Peru, IMPA plans to have constructed over 150 MW of solar generation as a part of its power portfolio by the end of 2021.

To learn more about IMPA and the organization's solar program, visit www.impa.com/solar. •

Tidbits & Trivia

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 provides this wholesale power to 61 communities in Indiana and Ohio. IMPA member utilities purchase their power through IMPA and deliver that power to the residents and companies within your community.

Question: In what year was the Indiana Municipal Power Agency founded?

If you would like assistance with your answer, visit our website at impa.com and explore our pages for information that could help you formulate a good guess!

Send your answer to newsletter@impa.com, along with your name, e-mail address, and address for a chance to win an energy efficiency prize pack! We will randomly select the winner from a pool of correct entries.

Watt's the Word?

Investigating power terminology

Energy

noun

The capacity to do work. In physics, it exists in potential, kinetic, thermal, **electrical**, and various other forms.

The origins of the English word "energy" come from the Ancient Greek term *energeia*, meaning "activity/operation." The term was used by Aristotle in 4th century BCE to convey a force of expression in rhetoric. It wasn't until the 1800s that the word became associated with electricity, with engineer William Thomson claiming in 1867, "Electricity is a form of energy." In physics, energy is measured in various units, such as joules, watts, calories, and more!

"energy, n." OED Online, Oxford University Press, September 2020, www.oed.com/view/Entry/62088.

Cooking Corner

For Your Holiday Hosting Needs!

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

The **MUNICIPAL POWER NEWS** is a periodic publication of the Indiana Municipal Power Agency and the 61 communities that it serves with wholesale power.

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11610 N. College Ave.
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newsletter@impa.com.

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To get an online notification each time an MPN is published, send your email address and home town to newsletter@impa.com.



Cranberry Cheesecake

Recipe submitted by Betty Bird of Paoli, Indiana

- 16 oz Philadelphia cream cheese
- 16 oz finely shredded sharp cheddar cheese
- 2 tbsp honey
- 1 small bag of chopped craisins
- finely chopped pecans

Beat cream cheese until smooth, then mix in all other ingredients except for the pecans. Use a spatula and your hands to form the mixture into a ball. Coat the ball with the finely chopped pecans to create an outer crust. Serve with crackers, vegetables, pretzels, or whatever you like!

Salted Peanut Chews

Recipe submitted by Roleen Pickard of Rockville, Indiana

- 3 cups mini marshmallows
- 2 cups Rice Krispies
- 2 cups salted peanuts
- 12 oz peanut butter chips
- 1 1/2 cups flour
- 2/3 cup brown sugar
- 3/4 cup margarine
- 2/3 cup corn syrup
- 2 egg yolks
- 1/2 tsp baking powder
- 1/4 tsp baking soda
- 3 tsp vanilla

Mix flour, brown sugar, baking powder, baking soda, egg yolks, 1/2 cup margarine, and 1 tsp vanilla, and press mixture into a greased 9"x13" pan. Bake for 10-15 minutes at 350° until golden brown. Sprinkle 3 cups mini marshmallows on top and return to oven for 2 minutes, or until marshmallows look puffy. Let cool.

In a sauce pan, heat corn syrup, remaining margarine, remaining vanilla, and peanut butter chips just until melted. Remove the sauce pan from heat, and add Rice Krispies and salted peanuts.

Spoon mixture from sauce pan over marshmallow crust. Chill, cut into bars, and serve!

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

**PRACTICE
ELECTRICAL
SAFETY:**

DON'T

OVERLOAD

YOUR HOME



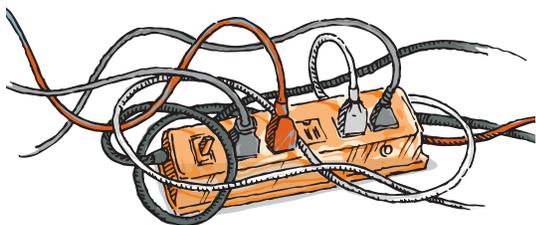
Annually, nearly 50,000 fires in the United States are caused by electrical failures or malfunctions. This results in more than 400 deaths, 1,500 injuries, and \$1.4 billion in property damage each year. Help lower your risk of electrical fires.

Here's how:

Space Heater Safety

- Never leave a space heater unattended
- Locate space heaters out of high traffic areas and doorways where they may pose a tripping hazard
- Always unplug and safely store the heater when it is not in use
- Never use an extension cord with your space heater.
- Make sure your space heater is listed by a recognized testing laboratory
- Read the manufacturer's instructions and warning labels before using a space heater
- Space heaters are only meant to provide supplemental heat and should never be used to warm bedding, cook food, dry clothes, or thaw pipes

Overload Warning Signs



Flickering, blinking, or dimming lights



Cracking, sizzling, or buzzing from receptacles



Mild shock or tingle from appliances or switches



Frequently tripped circuit breakers or blown fuses



Burning odor coming from receptacles or switches



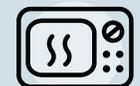
Warm or discolored wall plates

Prevent Overloads

Never use extension cords or multi-outlet converters for appliances



Only plug one heat producing appliance into a receptacle outlet at a time



If you have too few outlets in your home, have a qualified electrician inspect your home and add new outlets



Power strips only add additional outlets; they do not change the amount of power being received from the outlet



Use appropriate watt bulbs for lighting fixtures



*information from the American Public Power Association

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IMPA Commissioner: Josh Chance

Peru Utilities is Online!

Interested in contactless bill pay, energy saving tips, or utility news and updates? Visit Peru Utilities website at www.peruutilities.com for all this information and more! You can also follow the utility on their Facebook page to receive consistent updates on your electric, water, wastewater, and storm water services. This social media page, found at www.facebook.com/peruutilities, is a great place for residents and business owners to interact with the utility and learn about what's going on in the community.

