

MUNICIPAL POWER NEWS

Peru Utilities



IMPA
INDIANA MUNICIPAL POWER AGENCY

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Peru Utilities Demos Power Plant

Peru Utilities is working on the final stages of the demolition of a century-old power plant that stopped producing electricity more than three years ago. The decision to demolish the plant came after officials determined it was too expensive to update the plant to comply with today's stringent regulations from the Environmental Protection Agency. The demolition of the largest sections of the power plant began in August 2017, and the project is expected to be finished late Spring.

Josh Chance, Peru Utilities General Manager and IMPA Commissioner, said the \$2.68 million contract for the demolition of the building was approved by the Peru Utility Board in November 2016.

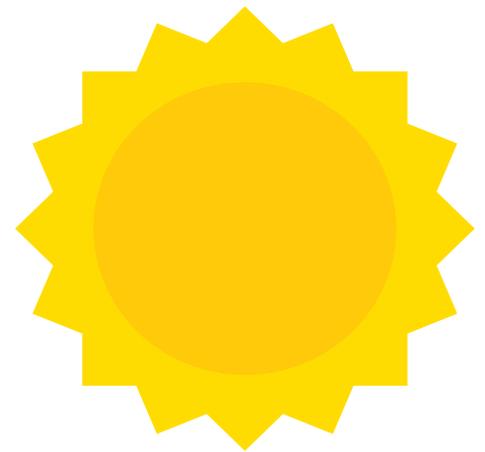
"The Peru Utility Board eventually determined it made the most sense financially to tear down the plant," Chance said. "It just wasn't economical to keep it running."

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Beat the Heat with Energy Saving Tips

Summer is here, and that means hot, sticky temperatures. You can find relief in a number of places – the museum, pool and even your own home – and still control your electricity costs. As a member of the Indiana Municipal Power Agency, your local utility already provides you with affordable rates. Now, it's up to you to save even more and help your local utility manage costs during the peak summer months. Follow one or more of these tips and enjoy a cool, less expensive summer:

- Replace air filters regularly. Dirty air filters can increase your electric bill by 20 percent.
- Shade your outside air conditioning unit with trees or shrubs, but do not block the air flow. A unit operating in the shade uses as much as 10 percent less electricity. Keep plants, shrubs and bushes trimmed so they are at least 18 inches away from your outside A/C unit to allow air to flow freely.
- Use your ceiling fans and pedestal fans. Fans can make it feel three to four degrees cooler. Fans should turn counterclockwise in the summer and clockwise in the winter.
- Do not place lamps or televisions near your air conditioning thermostat. The thermostat senses heat from these appliances, which can cause the air conditioner to run longer than necessary.
- Turn your thermostat down when you aren't home, but be mindful of pets. You can save 10 percent of your electricity costs each year by turning the thermostat down 10 to 15 percent for 8 hours.
- Turn your thermostat down when you are sleeping.
- Windows can account for 10 to 25 percent of your electric bill. Install lightly colored window shades, drapes or blinds to reflect heat away from your windows. Close curtains on the south and west facing windows.
- Seal and/or insulate your ductwork.
- Use light-emitting diode (LED) or compact fluorescent light (CFL) bulbs instead of incandescent light bulbs. LEDs and CFLs last longer, save on energy costs and don't produce heat like the incandescent bulbs.
- Appliances and electronics generate heat. Turn them off when you aren't using them.
- Close the doors in rooms you don't often use so you're not cooling them as well.
- Try to stay in or out. Opening and closing doors lets cold air out and warm air in.



How Much Do My Appliances Cost to Run?

Today we are using more appliances and electronics than ever before. Have you ever wondered how much it really costs to run each device? Here are some figures using average electric costs for a residential public power customer:

To run one dishwasher cycle
(depending on how much
hot water is used)



\$0.17 - \$0.73

To run a central A/C system
for two hours



\$0.28 - \$0.81

To watch two hours of television
(ranges for different types of TVs)



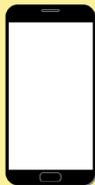
\$0.02 - \$0.06

To light a room for three hours with
four 60-watt-equivalent CFLs



\$0.02

To recharge a smartphone



<\$0.01

To heat a household's water
heater for one month



\$46 - \$77

*Information from the American Public Power Association

IMPA Welcomes New Solar Parks

IMPA added to its diverse portfolio of power supply resources in 2017 with the construction of four solar parks. In 2018, the Agency will continue its ongoing commitment to providing a low-cost, reliable and environmentally responsible power supply to its 61 communities.

Thousands of additional homes around the state were powered last year thanks to the efforts of IMPA and the member communities the Agency serves. Communities in which solar parks were implemented in 2017 include Anderson, Flora, Greenfield and Spiceland.

Other IMPA communities in which solar parks have been built include Argos, Bainbridge, Crawfordsville, Frankton, Huntingburg, Pendleton, Peru, Rensselaer, Richmond, Tell City, Washington and Waynetown.

Raj Rao, IMPA President and CEO, said the output of solar parks throughout the state enables the Agency to continue expanding its diverse portfolio through the addition of solar energy.

“We are certain these parks will have a lasting impact on the communities,” Rao said.

IMPA has begun construction on additional solar parks in IMPA member communities for 2018. Generation data for each solar park is available on IMPA’s website at www.impa.com/solar. •

Anderson 2

- 8.1 MW
- Largest IMPA solar park
- Powers over 1,000 homes annually

Flora

- 0.81 MW
- 2,964 solar panels
- Powers over 100 homes annually

Greenfield

- 2.84 MW
- 10,450 solar panels
- Powers over 400 homes annually

Spiceland

- 0.53 MW
- 1,938 solar panels
- Powers over 80 homes annually

Peru Receives Financing to Rehab Water Plant

Peru Utilities is using Indiana’s State Revolving Fund (SRF) to complete a \$7.9 million project to rehab the Peru water plant. The SRF Loan Programs provide low-interest loans to Indiana communities for projects that improve wastewater and drinking water infrastructure.

Josh Chance, Peru Utilities General Manager and IMPA Commissioner, said the project will replace a portion of water lines, as well as lead lines, throughout the City of Peru.

“We got a zero percent interest rate on the financing because we agreed to replace lead lines at no cost if we find them,” Chance said. “The financing makes up for the cost it would take to make the repairs on the lead lines.”

According to Chance, the lead lines would only be replaced within the bounds of the project, which do not cover the whole city. The project will cover specific points within the city.

Chance said the project is being completed by Deichman Excavating and should be finished by the end of 2018.

“Deichman Excavating started construction on the project early this spring, and it’s expected to take about 12-18 months for completion,” he said.

Chance said the motivation to seek funding for the project was due to the age of the lines, as well as the desire to get ahead of water regulations.

“Most of our lines are 80 years old and a good number of them were in need of rehab,” he said. “We are currently in compliance with our lead lines, but we want to be proactive and one step ahead.” •

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



Pesto

Recipe submitted by Kristy Lewellyn of Linton, Indiana

2 cups packed fresh basil leaves
1/2 cup extra virgin olive oil
1/3 cup pine nuts
3 medium sized garlic cloves minced
salt & pepper
1/2 cup parmesan - optional

Chop basil, nuts & garlic as finely as possible and slowly add other ingredients. The perfect start to your own Bruchetta. Or serve over pasta or as an appetizer with crackers or bread.

Chutney Cheese Canapé

Recipe submitted by Leisa Lowrey of Jasper, Indiana

8 oz. cream cheese
1/4 c. chutney, chopped fine
1/2 tsp. dry mustard
1 tsp. curry powder
toasted slivered almonds
serve in 1/2 pineapple - optional

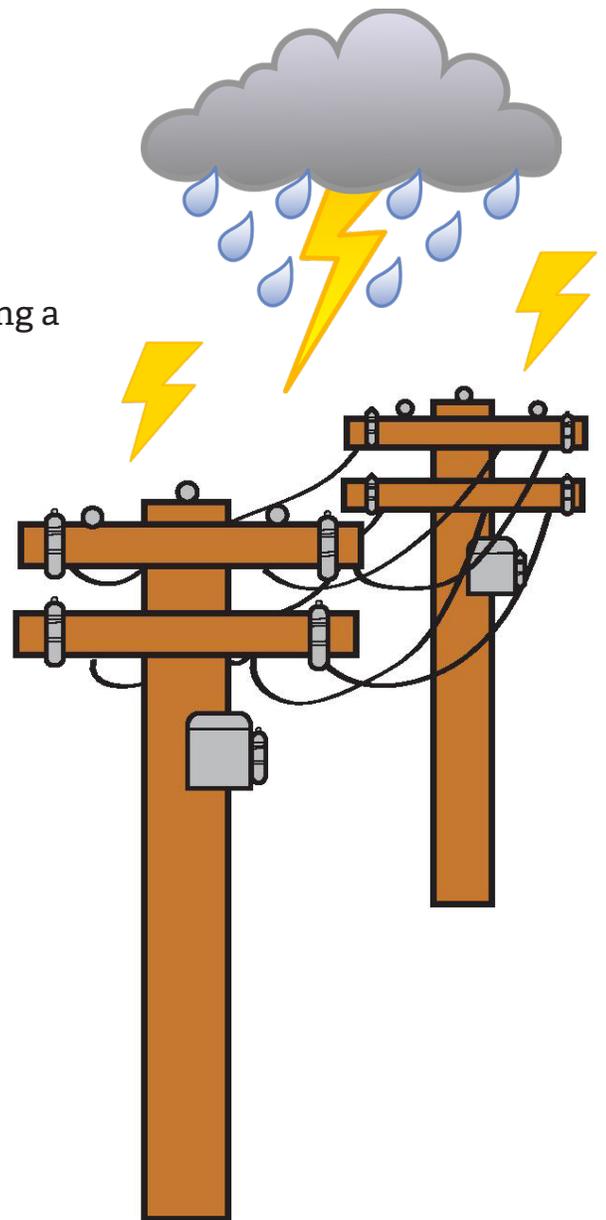
Blend all ingredients well in blender or food processor. Chill for at least 4 hours. Scoop out pineapple half & fill with mix. Top with almonds. Serve with crackers (Ritz are best).

- | | | | | |
|-----------------|----------------|-------------------|---------------|---------------|
| 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 | Williamspport |
| 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 | |

Thunder and Lightning, Oh My!

Thunderstorms can be very unpredictable. It could be a warm, sunny day, and minutes later a dark cloud appears on the horizon. Every year in the United States, lightning kills about 100 people and injures about 250 others. Follow these steps to ensure the safety of yourself and others during thunderstorms:

- Be cautious and aware of your actions during a thunderstorm.
- Don't handle any kind of electrical equipment.
- Even using the telephone can be dangerous during a storm because lightning can follow the phone circuits after striking miles away. Cordless and cellular phones are generally safe, but any metal object can become a hazard when used outside during a storm.
- If you must be out during a storm, avoid wide open area and stay away from wire fences, railroad tracks and all metal objects.
- Also, stay clear of trees and poles – tall objects and wet wood attract lightning.



The bottom line is that storms are dangerous, so exercise caution and be prepared!

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Tidbits & Trivia

Question: How many solar parks did IMPA open in 2017?

- a) 1
- b) 4
- c) 6
- d) 7

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 an economic, 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.

Renewable Energy

Energy that is collected from resources which are naturally replenished on a human timescale, such as sunlight, wind, rain, tides, waves, and geothermal heat.

Example: Solar parks are a form of renewable energy.

The Municipal Power News is published by the
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IMPA Commissioner: Josh Chance

Power Plant Demolition

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The contract for the immediate demolition of the plant was awarded to the National Salvage and Service Corporation, a company based in Bloomington, Indiana.

“National Salvage left late last year due to the cold weather,” Chance said. “It was creating issues with their equipment. They arrived back on site during the last week of March and are currently excavating the basement of the power plant’s coal bunker.”

According to Chance, the contractors still have some foundation and footers from the plant to excavate as well.

“After the foundation and footers are excavated, they will finish backfilling and compacting the site, as well as installing a new perimeter fence, laying down a new asphalt drive and planting grass seed,” Chance said. “The pump houses along the Wabash River are mostly complete, with some piping and debris to finish cleaning up.”

Chance said everything with the demolition has gone smoothly, with no injuries reported for the employees working on the demolition or excavation of the power plant.

The coal plant was the main supplier of electricity in Peru until the 1970s, when the utility also began to purchase power from Duke Energy. Peru Utilities began purchasing power from IMPA in 1983. ●