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## Linton Works on Storm Water Project

**L**inton Municipal Utilities will be working on a storm water project over the next year that will address some flooding issues the town has been experiencing in certain areas. Expected to be complete in October 2019, the storm water project will highlight eight specific locations throughout town where flooding has been an issue when it rains excessively.

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# Prepare for Colder Weather with Energy Saving Tips

It's time to start thinking about cool weather energy saving opportunities. Check out these tips and cut down on your energy costs this fall:

- Check your furnace filters monthly. Dirty filters block air flow and increase your energy bill.
- Close your fire damper when your fireplace is not in use. Place a glass fireplace door over the opening to reduce heat loss.
- Cover up with an extra blanket on chilly nights and turn down the thermostat.
- Fifteen percent of your home energy bill goes to heating water. Save hot water by taking five-minute showers instead of baths.
- Lower the heat temperature on your water heater to “warm.” Running water should be no hotter than 120 degrees.
- Insulate your water heater.
- Open your blinds and curtains to let sunlight warm your home.
- Switch your ceiling fans to rotate clockwise.
- Whenever possible, use a microwave oven instead of your conventional oven and save up to 50 percent of the energy you would use baking.
- Insulate your attic, basement and outside walls.
- Don't block your radiators or heating vents with furniture or draperies. Keep your radiators, registers and baseboard heaters dirt and dust free.
- Close vents and doors in unused rooms.
- Consider getting a humidifier to add moisture to the air.



# 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)



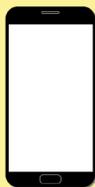
\$0.02 - \$0.06

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



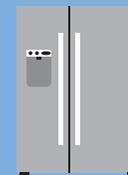
\$0.01

To recharge a smartphone



<\$0.01

To run a refrigerator for one day  
(assuming a 225-watt refrigerator  
operating 24 hours/day)



\$0.21

\*Information from the American Public Power Association

# IMPA Welcomes New Solar Parks

**I**MPA added to its diverse portfolio of power supply resources in 2017 with the construction of four solar parks, bringing the total solar capacity of the Agency to 36.6 megawatts (MW). Thousands of additional homes around the state were powered last year thanks to the efforts of IMPA and the member communities the Agency serves.



The photo above shows the progress of the 7.44 MW Richmond 2 Solar Park as of June 2018.

Communities in which solar parks were completed in 2017 include Anderson, Flora, Greenfield and Spiceland. Ranging from 0.53 MW up to 8 MW, together these resources added 12 MW of solar capacity to the Agency's existing solar portfolio that is now made up of 17 solar parks. In 2018, the Agency continues its ongoing commitment to providing a low-cost, reliable and environmentally responsible power supply to its 61 communities with the ongoing construction of four additional solar parks in Advance, Rensselaer, Richmond and Tipton.

Advance will be welcoming a 0.24 MW solar field to its community, which will be comprised of eight rows of 864 panels.

A second solar park is being constructed in Rensselaer, which will have a capacity of 3.84 MW.

Richmond is welcoming a 7.44 MW solar park, which will be the second solar park constructed in the city.

The Advance, Rensselaer and Richmond solar parks will each be generating power by the end of 2018.

A new site will also be constructed in Tipton. Construction on Tipton's 5.25 MW solar park is expected to begin in October 2018. In time, IMPA plans to construct over 100 MW of solar capacity in member communities. Generation data for each solar park is available on IMPA's website at [www.impa.com/solar](http://www.impa.com/solar). ●

## 2017 Solar Parks

### 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



# 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](mailto:newsletter@impa.com)

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[newsletter@impa.com](mailto: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 Bruschetta. 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     | 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     |              |

# Tree Trimming: Out of Lines, Out of Danger

Winter is a popular time for utility crews to trim trees. The ground is usually too frozen for digging and most utility projects are better suited for warmer weather. The reason that they are cutting branches away from the power lines is for the community's safety. Protecting utility lines from trees isn't just the utility's job - you can help them with this mission. Check out these tips on how and why to keep trees away from power lines.

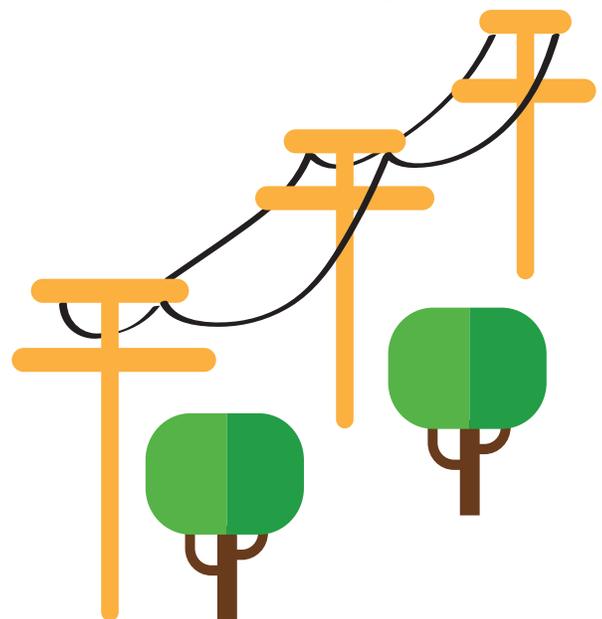
## How to keep trees away from lines:

When planting a tree, be aware of its location. It may be small and away from power lines at the start, but make sure it won't get tangled in the lines as it grows.

- Trees planted directly under or within 20 feet of the power lines should have a mature height of less than 25 feet.
- Trees that mature to 25 - 45 feet tall should be planted 20 to 50 feet away.
- Trees greater than 45 feet at maturity should be planted more than 50 feet away.

## What to know about trees in power lines:

- Called 'burning the line', trees touching power lines can drain electricity off the electrical system, resulting in voltage loss. Low voltage can damage motor-driven appliances such as refrigerators, washing machines and sensitive electronics like computers.
- Tree limbs touching power lines put constant stress on live wires and can cause the branches to catch fire and fall to the ground.
- During storms, branches may fall onto the lines, which can tear down energized lines, transformers and poles. If this were to happen, you could experience a power outage for some time.



# Follow IMPA on Social Media!



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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](mailto: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.

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IMPA Commissioner: Brent Slover

# Storm Water

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Brent Slover, General Manager of Linton Municipal Utilities and IMPA Commissioner, said flooding in 2012 served as a catalyst to get the project off the ground.

“We knew something had to be done at that point, so we had a storm water study completed and received a planning grant from OCRA (Indiana Office of Community and Rural Affairs) in 2017 so we could figure out what the next steps would be.”

The planning grant from OCRA totaled \$35,000 and allowed the town to see where the flooding problem areas were located. The findings of the study were presented to the public at a town hall meeting.

“The study also identified the ditch work that needed to be done along with the construction of new facilities to be built,” he said.

Slover said some of the work will be done in-house, while other parts of the project will be contracted out to local excavation companies. ●