

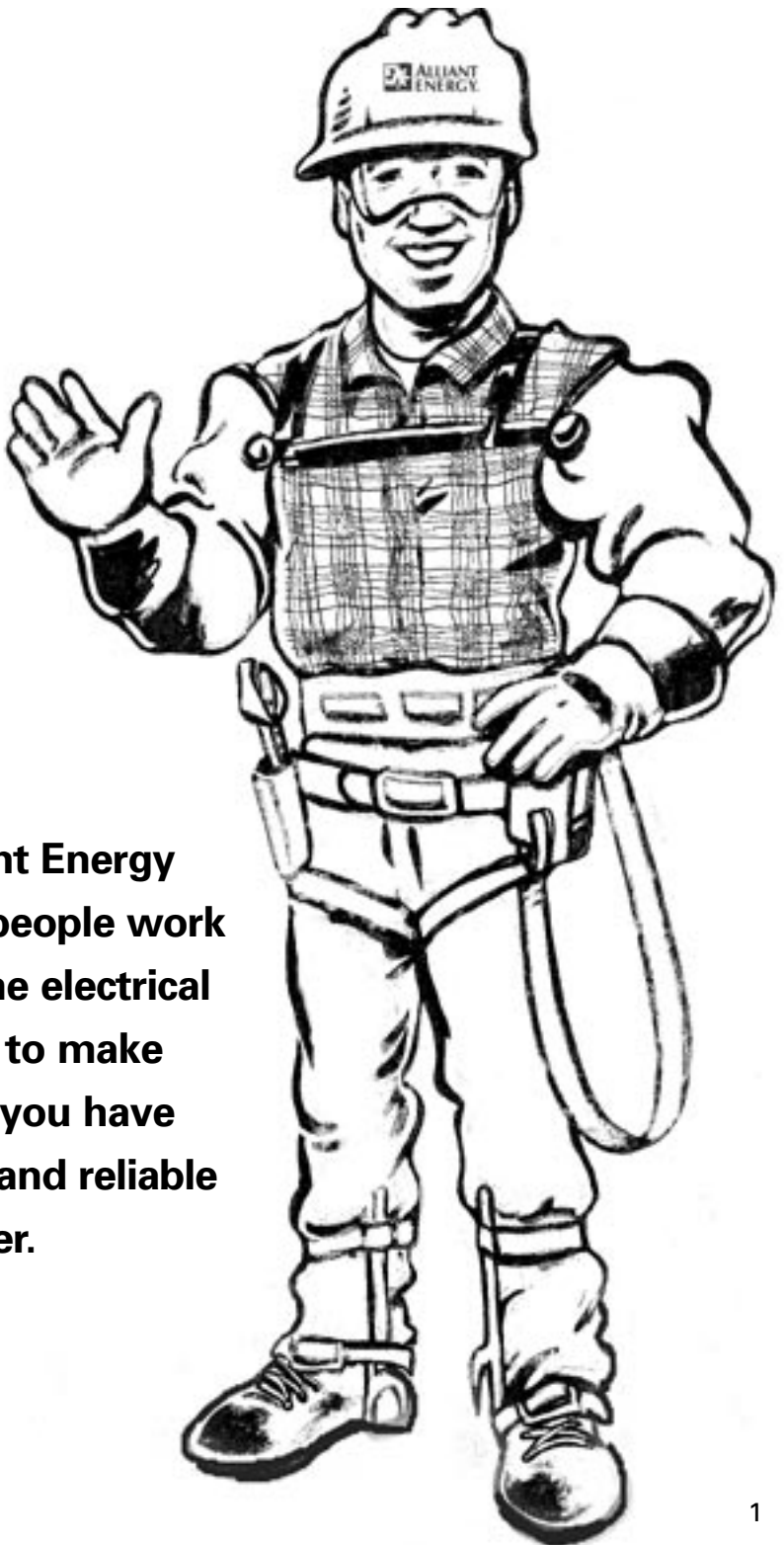
Be an Alliant Energy Kid!



It's easy ...
Learn about energy, safety
and have a lot of fun!



ALLIANT
ENERGY.



**Alliant Energy
line people work
on the electrical
lines to make
sure you have
safe and reliable
power.**

Show how much you know about energy safety by filling in the blanks in the nine questions below.

(Answers on page 7)



1. When I see a "Danger: Keep Out!" sign, it means I should _____.

2. "Look Up and Live" is a slogan that helps me to remember _____.

3. "Call Before You Dig" means _____.

4. Water and electricity don't mix because _____.

5. Natural gas can be dangerous if _____.

6. Natural gas smells like _____ because of a chemical additive.

7. Because it comes from the remains of dinosaurs and long buried plants, natural gas is called a _____ fuel.

8. Natural gas can cause an explosion when it comes in contact with _____.

9. If you smell natural gas you should _____.



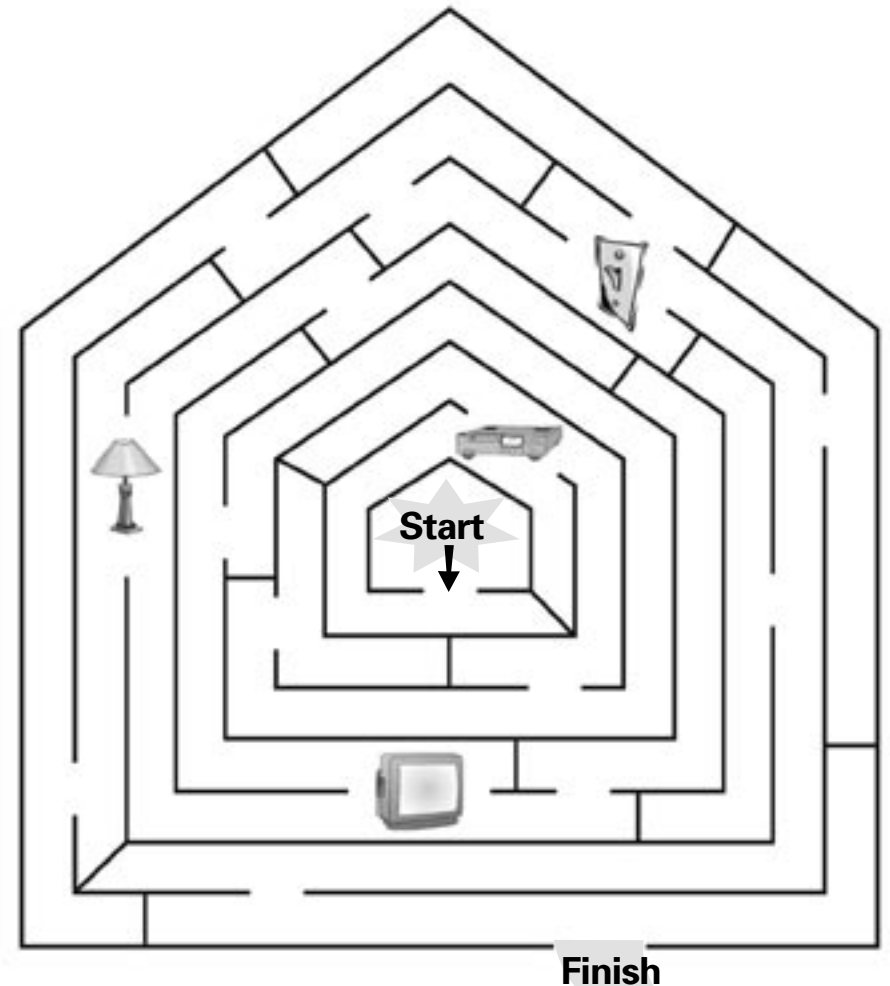
Look up and look out for power lines before you fly a kite or climb a tree.

The path to saving energy

Sometimes trying to get outside can seem like a maze — especially when you have to make sure that everything is turned OFF before you go! It's very important, however, to turn off lights, and TVs, and video games when you're not using them and when you're leaving home. On the way out of this maze you'll see light switches and other electronic equipment that you should "turn OFF" as you pass through them.



Don't ever climb the walls of a substation. If your ball or pet goes inside, call Alliant Energy. We'll come and get it for you.





Bright ideas for conservation

Many of the things we use every day use energy. But there are ways to use (and reuse!) those things to conserve energy. Share some of your ideas for ways that people can save energy with each item listed below.

Shower/Bathtub:

Furnace/Air Conditioner:

Refrigerator:

Washer:

Dryer:

Light Bulb:

Microwave:

Tree:

Paper:

Computer, VCR/DVD Player, TV, Video Games:

Bicycle:

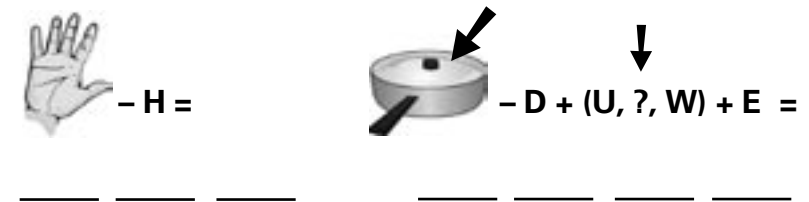
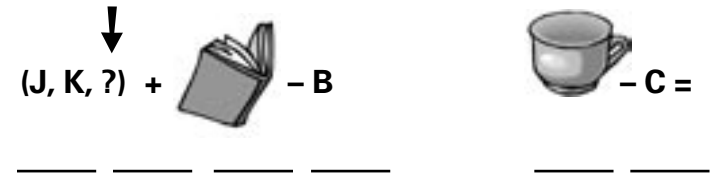
Lunch Box:

Hair Dryer:

Curling Iron:

An important safety message

Now, figure out the rebus puzzle below and learn an important phrase to remember. A rebus uses picture clues to represent words or sounds. *(Answer below)*



Answer key:

(Answer to rebus puzzle above:) Look up and live

(Answers to safety questions from page 2:)

1. Not touch or be near the area because high voltage electricity is near
2. To look up for wires when I am flying a kite, or climbing a tree or ladder
3. I should call the utility company to help me find buried electric or natural gas lines before I dig
4. Water conducts electricity
5. It is leaking from a pipe
6. Skunk or rotten eggs
7. Fossil
8. A flame or spark
9. Leave the area and tell an adult

(Answers to crossword puzzle on page 11:)

- ACROSS**
2. water
 6. bathroom
 7. reuse
 11. pipe
 12. renewable

- DOWN**
1. computers
 3. rubber
 4. fluorescents
 5. overloaded
 6. bicycle
 8. blue
 9. wires or lines
 10. leak

Can you find safety dangers in the picture? Circle *six* activities below that you should never do.

(Answers below)



1. Climbing a tree with power lines running through them.
2. Flying a kite near power lines.
3. Power cord running over a swimming pool.
4. Standing on a ladder near power lines.
5. Climbing a station wall.
6. Standing on a pad mount transformer.

(Answers:)

Help your family plant a tree. It helps clean the air we breathe and saves energy too.



Crossword rhyme time

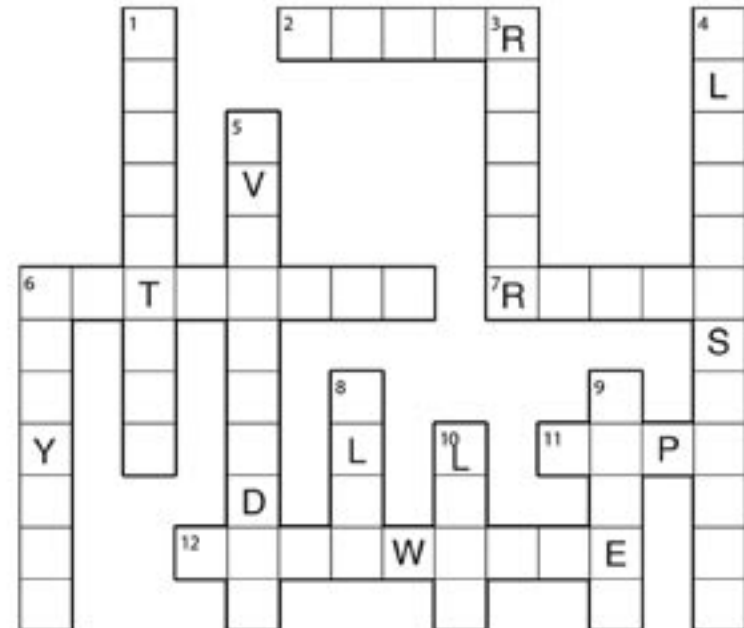
Solve the rhyming riddles to fill in the crossword puzzle. Here's some news: energy safety or conservation is part of all the clues!
(Answers on page 7)

ACROSS

2. A conductor of electricity, you know ... not for an orchestra, just good ole H2O
6. Room in your home to be especially aware, because electrical hazards and water are everywhere.
7. Here's some really good news: you conserve energy when you _____. (It's like taking a container for fruit chews into the garage or workroom to store nails or screws.)
11. Part of the natural gas rig — the reason you call before you dig!
12. Turbines powered by wind, water, biomass (you get the gist) use reusable energy that is often called this.

DOWN

1. After they let you surf the web and learn something deep, turn them off, or at least let them sleep!
3. When working on a line above, this insulator is the material for a line person's glove.
4. Super saver light bulbs that make a lot of "sense" — you just heard part of the word.
5. Too many plugs in an outlet should never be promoted — it means that a circuit is sure to be _____.
6. Pedal power to get you there and leaves no pollution in the air!
8. Natural gas flames should have a certain hue, meaning their color should always be _____.
9. Always be on the lookout for these when flying a kite or climbing in trees.
10. If the stench of rotten eggs fills the air, this natural gas danger may be present there.



The path to saving energy

Alliant Energy has a whole network of pipes underground to get natural gas into homes. Don't worry, the network isn't as mixed up as the drawing of pipes below! We just drew them that way for this activity.

On the left side of the pipes below, are the beginnings of 8 sentences. To the right of the pipes, there are ends of the sentences in a mixed up order. Together, the beginnings and ends reveal something important about energy safety or energy conservation. A pipe path leads you from one half of a sentence to the other. A path may go under some paths and over others. Before you start on the path, read a sentence beginning and then read the options on the right to try to figure out how the sentence should end. Here's an example. When you see: **"Your refrigerator uses more electricity when..."** you should be able to figure out that it ends with: **"...its thermostat is set lower than it needs to be."** Got it? It'll be a gas!

Natural gas is really odorless but it has a smell because...

Be a "watt watcher": when you leave a room...

If you ever see a substation or a transformer unlocked...

Connecting two extension cords together...

Gas stoves have an open flame, so don't let...

Pieces of paper have two sides, which means paper...

When turned on, DVD players, VCRs, and computers...

Half of the electricity produced in the United States comes from...

...flammable objects like newspapers gather near the stovetop.

...in the event of a leak, the escaping gas can be detected.

...call Alliant Energy so a professional can lock it and make it safe.

...use electricity even if you are not using them.

...coal, a fossil fuel whose supply will run out one day.

...can be dangerous, so avoid doing so.

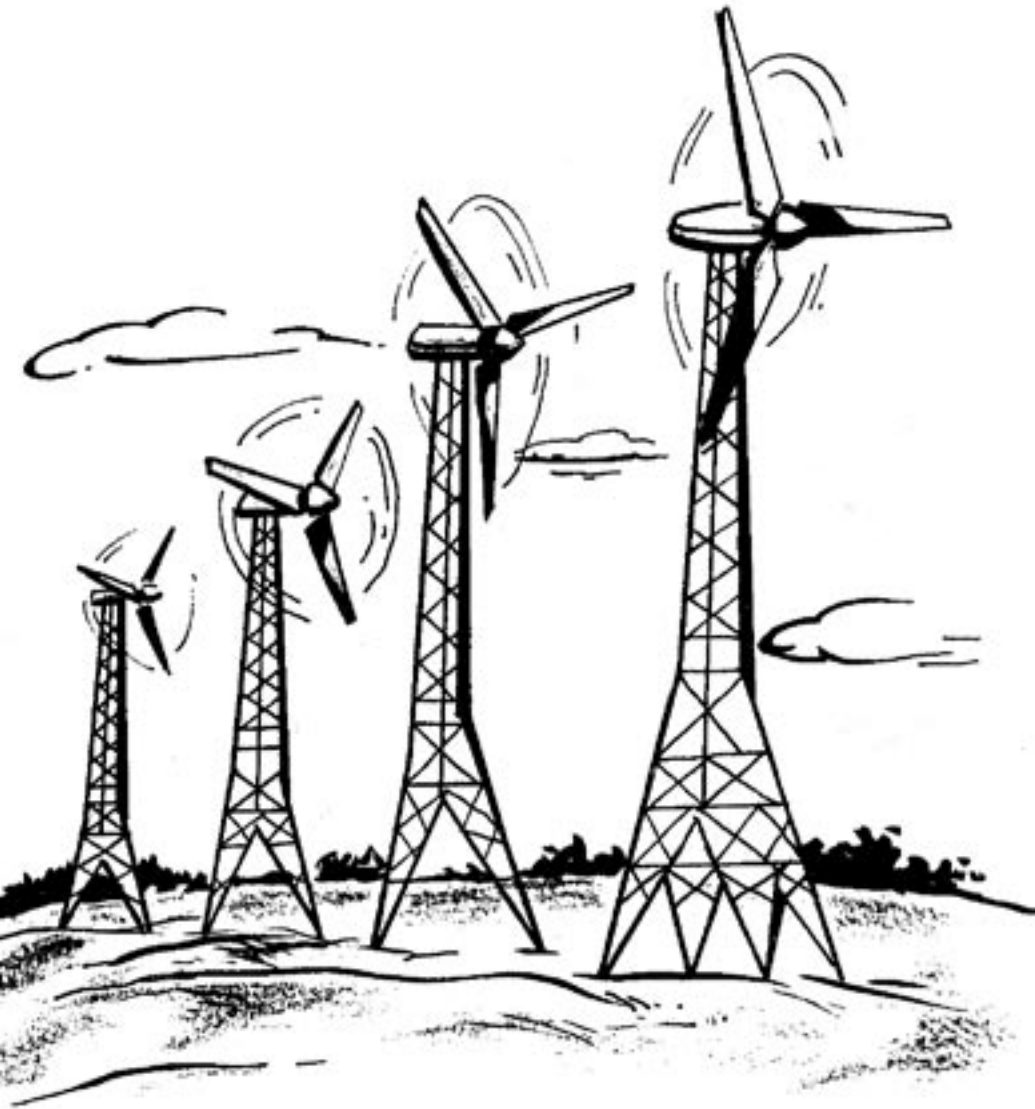
...turn off the lights and save electricity.

...can be reused when only one side has been written on.



Protect young kids by putting outlet covers in outlets. Don't put anything into an electrical outlet except plugs.

Wind farms help create energy using the earth's natural resources.

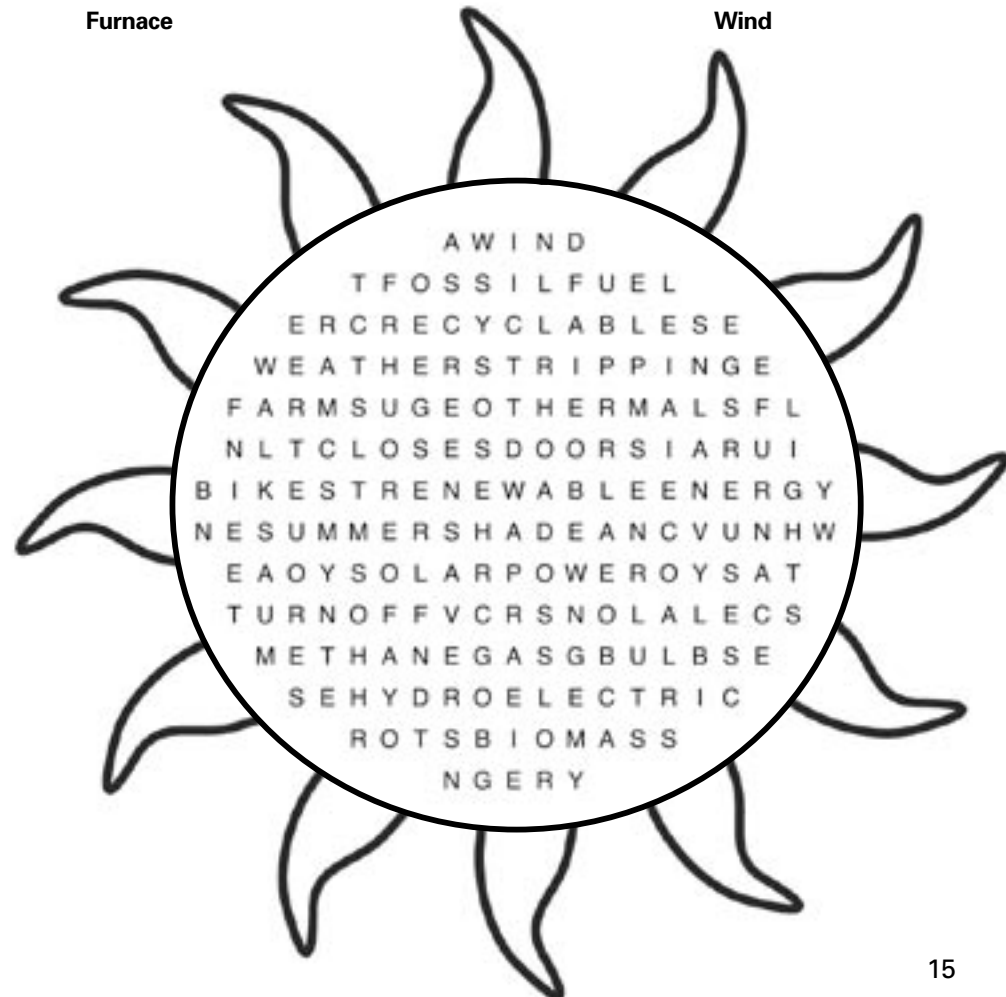


Spotted in the sun

It's hot inside the sun! It's hot with words ... words that help shine light on energy conservation. See if you can peer into the sun and find them all. Words can be found across, up and down and diagonally.

Now, get going before the sun sets!

- | | | |
|--------------|------------------|------------------|
| Bikes | Geothermal | Reuses |
| Biomass | Hydroelectric | Screen Savers |
| Bulbs | Lights | Solar Power |
| Closes Doors | Methane Gas | Summer Shade |
| Coal | Recyclables | Tree |
| Earth | Renewable Energy | Turn Off VCRs |
| Farms | | Walks |
| Fossil Fuel | | Weatherstripping |
| Furnace | | Wind |





Using energy wisely can make your home safe and comfortable.

www.alliantenergykids.com

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We're on for you.™