



Crawfordsville Electric Light & Power

April is National Safe Digging Month

National Safe Digging Month highlights the importance of locating buried utility lines. Stay safe and call 811 before you dig.



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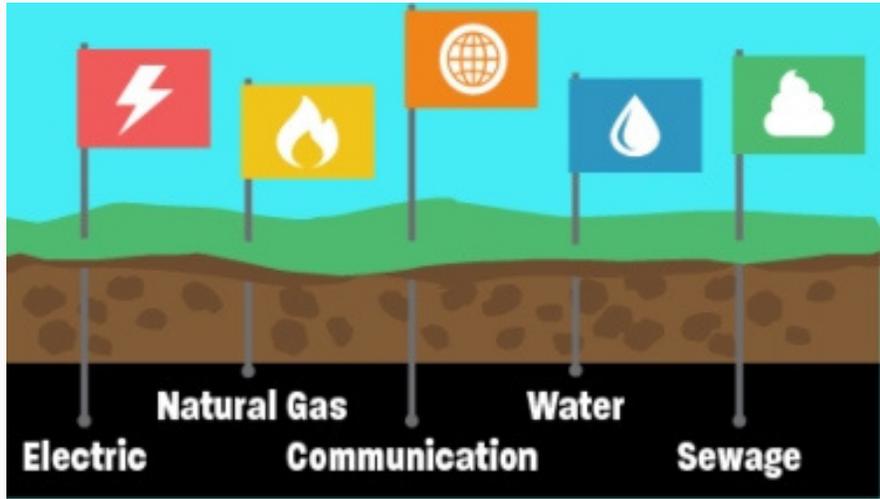


Failing to do so could result in serious injury, service outages or property damage.

If you're planning an outdoor project that involves digging, call 811 before you break ground. Your utility companies will visit your property and mark any buried lines. Each type of line is marked with a specific color.

The 811 campaign is operated by the [Common Ground Alliance \(CGA\)](#), an association created to work with the utility industry to prevent damage to underground utility infrastructure and ensure public safety.

Stay safe. Call 811 before you dig.



5 High-Impact Home Energy Upgrades

Where's the best place to start improving the energy efficiency of your home? These five upgrades will have a big impact on your monthly bills.

Energy-efficiency upgrades can save you money, but where's the best place to start? Space heating and cooling make up more than half of energy use in a typical home, according to the U.S. Department of Energy, while water heating is the second largest energy user.

So, if you're looking to improve your home's energy performance, focus on these areas. The following upgrades will significantly reduce your energy bills and make your home more comfortable.

1. High-efficiency space conditioning

If your furnace and air conditioner are older, air-source heat pumps provide an all-in-one replacement. Electric heat pumps move air in and out of your home to provide high-efficiency year-round comfort. They run quieter than conventional HVAC systems, require less maintenance and produce no onsite emissions.

Install ENERGY STAR®-certified units. [ENERGY STAR heat pumps](#) are independently tested to use less energy than standard models while still providing great performance.

2. Smart thermostats

Programmable thermostats automatically adjust your home's temperature to save energy while maintaining comfort. Today's smart models offer advanced features such as self-programming, geofencing and remote control.



TP 2712
20 kV



3. Well-insulated and sealed attic

A poorly insulated attic lets rising warm air escape during cold weather and allows unwelcome hot air to radiate into your home during summer. Contact a qualified insulation contractor to inspect your attic and ensure it is properly insulated.

Look for common locations of attic air leaks, including dropped soffits, under knee walls, wiring and piping holes, recessed lights, furnace flues and chimneys. Seal any gaps you find with caulk or expanding foam insulation, both readily available at your local DIY retailer.

4. High-performance windows

A lot of energy and comfort can be lost through windows, especially if you have older, single-pane models. Upgrading to ENERGY STAR-certified high-performance models can significantly reduce your energy costs and make your home more comfortable.

ENERGY STAR windows include advanced features that make them more energy efficient. These include quality frame materials and multiple panes, insulating gas fills between panes and special coatings that reflect light, keeping heat in during winter and out during summer.

5. Heat pump water heaters

Electric heat pump water heaters take heat from the air inside your home and transfer it to water inside a tank to produce high-efficiency hot water. Like other electric equipment, they produce no onsite emissions, making your home healthier, safer and more energy efficient. Look for ENERGY STAR-certified high-performance models.

While upgrades can be expensive, financial incentives can help. Federal tax credits are available that cover up to 30% qualifying expenses for certain home energy improvements. State and local incentives may also be available in your area.

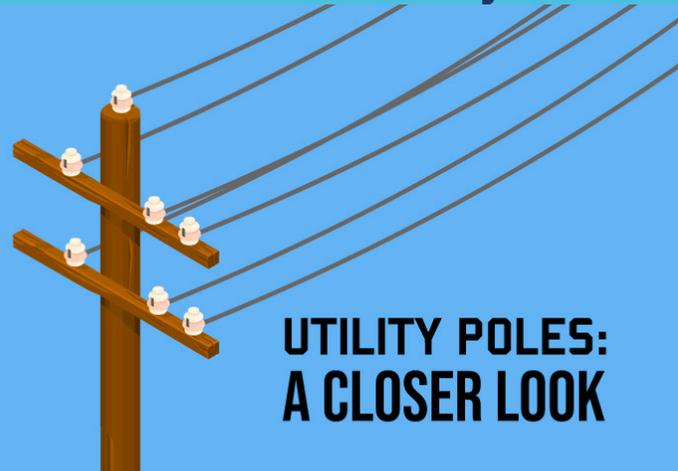
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A Closer Look at Utility Poles



UTILITY POLES: A CLOSER LOOK

Utility poles really live up to their name. They're used for electric power, cable TV and landline phones. Most poles have a lot of wires, boxes and other equipment hanging from them. Have you ever wondered what all that stuff is for? Let's take a closer look and find out.



Static wire is a grounded top wire that protects other conductor wires from surges due to lightning strikes



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Power Outage Information

If you lose power due to wind, rain, or other circumstances, CEL&P crews will work quickly to restore your power.

Report downed power lines by calling CEL&P at 765- 362-1900 24 Hours a Day, 7 Days a week or call 911. Outage information updates will be posted on our Facebook, Instagram, and Twitter pages.



Primary distribution lines are three bare conductors that carry high voltage electricity from substations



Porcelain insulators restrict the transfer of electricity between wires and the pole



Step-down distribution transformers reduce voltage from primary conductors to secondary conductors



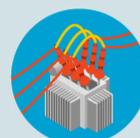
Secondary lines are three bare conductors between poles and insulated conductors to homes (2 conductors plus one neutral wire)



Lightning arrester diverts voltage spikes from lightning to ground



Disconnect switch is a hinged switch plus fuse that electrically isolates downstream circuits



Pole top capacitor banks offer the localized benefits of voltage support and power factor correction



Cable TV wires are the lowest level wires with black or gray boxes that amplify the signal



Telephone/fiber wires are the lowest-level wires with black box splitter/breakout/tap for service feeds



STRAIGHT UP FACTS

Utility poles often top **40 feet in height**

A typical wood utility pole **weighs more than 2,000 pounds**