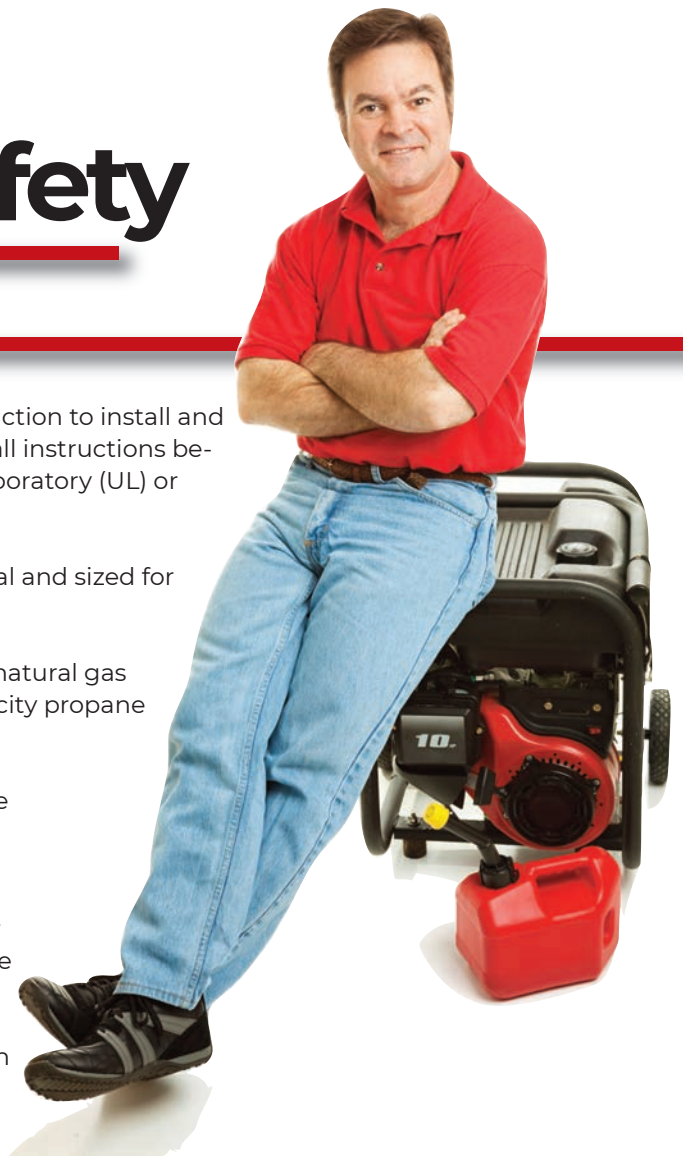


Let's talk...

Generator Safety



Standby Generators

- Read and follow all the manufacturer's operating instruction to install and properly ground the generator. Be sure you understand all instructions before starting the generator. Look for the Underwriters Laboratory (UL) or Factory Mutual (FM) safety designations.
- Standby generators should be installed by a professional and sized for your home's electrical requirements.
- Standby generators are generally fueled from existing natural gas service lines when present- if not they require large capacity propane or diesel fuel tanks to allow long term operation.
- Installations require that the homeowner or installer file for an electrical permit with the Union County Engineers office 937-645-3018.
- Upon the electrical inspection approval the homeowner needs to notify their electric utility provider that they have a standby generator.
- Standby generators have power transfer switches which disconnect your home from the electric company service and feed power to your home from the generator. These switches also protect electric utility workers from accidental generator backfeed into the power lines.
- Power transfer switches come in two types- automatic and manual. An automatic transfer switch will start the generator and transfer your home to the generator power when it senses the loss of utility power. Manual transfer switches require the homeowner to start the generator, first disconnect the home from the utility service and then switch the home to generator power.

Portable Generators

- Read and follow all the manufacturer's operating instruction to install and properly ground the generator. Be sure you understand all instructions before starting the generator.
- Portable generators should never be operated indoors or in a confined space like a garage. It's best to have them under an open canopy area where rainwater will not pool or drain around it.
- Make sure the generator is properly grounded. Look for the Underwriters Laboratory (UL) or Factory Mutual (FM) safety designations.
- Never touch a portable generator with wet hands or clothing.
- Always refuel the generator when the motor has cooled down to prevent a possible fire if fuel is spilled. Keep pets and children away from hot generators.
- Always start the portable generator first before plugging in electric appliances with extension cords-failure to do so may result in damaged appliances. Always use three- wire extension cords.
- Make sure your generator and extension cords are sized for the electrical load you are trying to service. Check to see the starting wattage and running wattage of your appliances. Use this information to avoid overloading your portable generator.
- Turn all appliances being powered by a portable generator off before shutting down the generator.
- Connecting a portable generator directly to your home's electrical system will required the proper transfer switches and electrical permit with the Union County Engineers Office. The work would need to be performed by a qualified electrical contractor.
- The alternative to plugging appliances directly into the generator or using transfer switches installed in the home would be a "GenerLink Transfer Switch". This products allows the generator to be plugged into an automatic transfer switch when the utility power is out and power critical appliances in the home. Generlink products are available and installed by URE for our members.

Let's talk...

GenerLink

Transfer switches are the only safe way to connect a standby generator to your home's electrical system.

GenerLink Transfer Switches

GenerLink is an innovative device that puts an end to the hassles and headaches of connecting an emergency generator to your home's wiring system. In fact, GenerLink makes connecting a generator as easy as plugging in a cord!

What is it?

GenerLink is a collar that is inserted between your home's electric meter and socket by an Union Rural Electric (URE) service technician. The process takes only 20-30 minutes. Once installed, you simply plug your generator into the GenerLink. Now your home's electrical system is powered by your generator.



How does it work?

GenerLink automatically disconnects your home from the power grid when the generator is engaged. This allows you to operate home appliances without the hassle of extension cords, and prevents electricity from backfeeding onto power lines – electricity that could seriously injure or kill URE repair crews working to restore power in the area. Backfeeding can also ruin your generator.

How much does it cost?

Members may purchase a generlink 30 amp transfer switch for \$749.00 or a generlink 40 amp transfer switch for \$856.00. These prices include Union County sales tax. URE will only sell to members, as the device will be installed by URE technicians. There is no installation fee.

Will it work with my equipment?

There are some specific generator and electric service requirements that must be met in order to install a GenerLink at your home:

Electric service from the URE must be 200 amps or less. The generator's maximum continuous power output rating must not exceed 7200 watts. The generator must have a four wire 120/240-volt outlet with a maximum rating of 30 amps. A properly sized power cord will be needed to make the connection between your generator's power outlet and the GenerLink receptacle. The end that mates to the GenerLink receptacle must be a NEMA L1430 locking female connector. The end of the cord that plugs into the outlet mounted on your generator must be one of the following: 14-20 Straight, L14-20 Locking, 14-30 Straight or L14-30 Locking.

How can I get one installed?

To sign up for GenerLink service, contact Member Services by calling: 937-642-1826. Please notify URE if you have a generator.

For the safety of our crews, please call the office 937.642.1826 and let us know if you have a generator. We will note this with your member information. Portable generators, widely used when power lines are down, can prove fatal to our line workers and your neighbors when used improperly.

For more information about GenerLink, visit: www.generlink.com/