

## Appliance Use Chart

Equipment	Starting Factor	Avg. Running Wattage
Water Heater - 50 gal.	1	4500-5000
Portable Heater w/Fan	2	500-1500
Furnace Fan - 1/4 HP	3	400
- 1/3 HP	3	450
- 1/2 HP	3	600
Refrigerator/Freezer	3	750
Lights	1	40-150
Range w/Oven	1	12,200
- small burner	1	1300
- large burner	1	2400
Well Pump - 1/3 HP	3	750
- 1/2 HP	3	1000
- 3/4 HP	3	1500
Sump Pump	3	1000
Electric Heat Pump	3	6000
Central A/C - 3 ton	3	6000
Garage Door Opener - 1/3 HP	3	750
- 1/2 HP	3	1050
Television	1	150-400
Microwave	1	600-1500
Coffee Maker	1	750-1200
Toaster	1	1100
Washing Machine w/o Hot Water	2	1000
Clothes Dryer	2	4850

Call Toll Free  
866-621-3679

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Rolla Office: 1310 South Bishop  
Mtn. Grove Office: 100 W. 5th St.

[www.ieca.coop](http://www.ieca.coop)



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# GENERLINK



**Your  
Path to  
Power**

Plugging your generator into GenerLink gives you a safe and easy way to connect a generator to your home during those unexpected power outages. With GenerLink, using your portable generator is easy and safe.

 **Intercounty Electric  
Cooperative Association**  
A Touchstone Energy® Cooperative 

# Connecting a portable generator is safe and easy with GenerLink™

## SAFE

GenerLink eliminates the use of extension cords and other connections that can be hazardous to members and co-op employees. GenerLink detects when a generator is operating and automatically disconnects from the utility grid, eliminating dangerous back-feed.

## EASY

GenerLink is equipped with GenerLok, a unique interlocking power cord system that quickly and easily connects a portable generator.

GenerLink is easily installed behind the electric meter by co-op personnel. Installation does not require any rewiring of the member's electric system nor the member's presence.

With GenerLink, members have the flexibility to run virtually any appliance, up to the capacity of their generator, by simply energizing appliances from their breaker panel.



## GenerLink vs. Transfer Switch

Transfer switches and sub panels require rewiring of the household electrical system and limit the number of circuits that can be powered by the portable generator. GenerLink is installed outside your home at the electric meter in less than half an hour by a co-op employee.

With GenerLink, you have the flexibility of selecting the appliances you want to run from your home's breaker panel, up to the capacity of your generator. Since GenerLink uses your existing breaker panel, you can operate any 120-volt appliance and most 240-volt appliances. Your well pump, water heater, sump pump, electric range and clothes dryer are just some of the appliances that you can operate with GenerLink.

## GenerLink Provides Flexibility

With GenerLink, you can operate virtually any electric load/appliance in your home up to your generator's capacity — just not all at the same time.

Appliances wired through your home's breaker panel, such as a furnace, hot water heater and many lights cannot run using extension cords. GenerLink provides the flexibility to run these loads from your portable generator.

## Cost

A 30- or 50-amp GenerLink device is available to lease on your monthly electric bill. Installation is FREE.

Standard GenerLink — \$7.95 per month  
GenerLink with Surge — \$8.95 per month

A 20 foot GenerLok power cord is available for purchase at the discounted rate of \$50.00 when you sign an initial contract with IECA. This discounted rate is limited to one cord per lease. For questions, contact Member Services at 866-621-3679.

## Generator Size Does Matter

To determine what loads you can support with a portable generator, you must consider the “running watt” and the “starting watt” requirements of the loads you want to operate.

For example: when your furnace motor first starts up, it will require approximately three times more starting watts for a brief, few second period than the running watts it needs to operate for extended periods. Your generator must have the capacity to start a motor and keep it running. Refer to the appliance use chart on the foldout.



**Sample generator sizing calculation:** to use a refrigerator/freezer, you need 2,250 watts (750W x 3 starting factor) to start it and 750 watts to keep it running.

## Do all generators work with GenerLink?

GenerLink is connected to the generator's 120/240-volt AC receptacle using a GenerLok power cord with the appropriate generator connections.

Generators have different types of receptacles depending on the generator. If your generator does not have a 120/240-volt AC receptacle, it is not suitable for use with GenerLink. The GenerLok power cord is fitted with a male plug compatible with one of the following receptacles.



L14-20 Locking L14-30 Locking 14-50 Straight