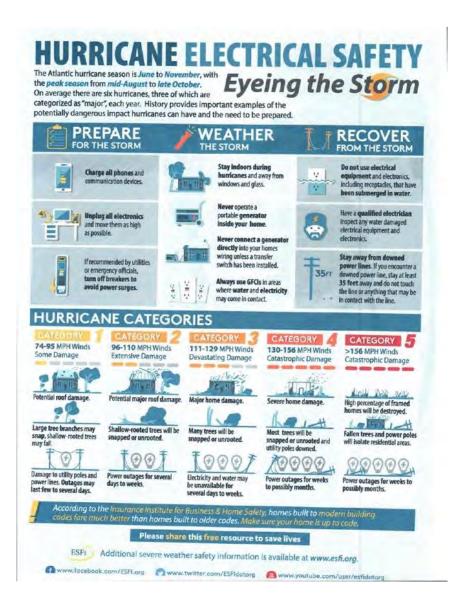
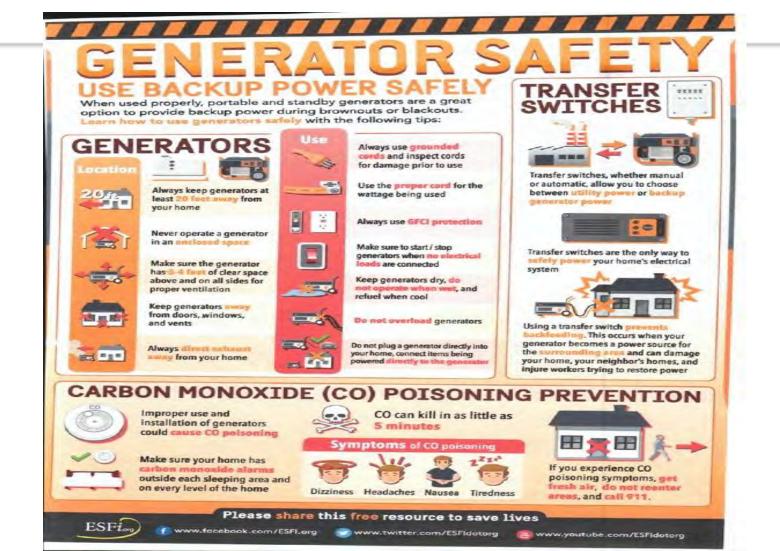


# The Three Steps and What you need to Know

 And how bad is this storm going to be. This helps you prepare for either staying or evacuation.



#### Generator safety.



- The Size of the generator really depends on what you want to power when the electricity is off. Mind you can get a Whole house generator if you want.
- Portable Generators are a less expensive option. The range in wattage from 1000 Watts to 15,000 watts. The first thing you have to think about is what is the required power to run the basics. No, you do not have to run everything at the same time. We will cover that a little later in this presentation.

# Options with Generators

## How much power do I really need?

- Depending on the size of your home and what you want to run is vital in your selection of Generator.
- To run the basics like Fans, Fridge,
   Freezer, and maybe a portable Window
   A/C unit. Of course, lights at night and
   such. The following slides with give you
   an idea of what household appliances
   use as for wattage; you may be surprised
   on what takes the most wattage.



## How much Wattage did it say?

• Part one of Appliances

#### KITCHEN APPLIANCES

ESTIMATED WATTAGE



Household Appliances *	Rated (Running) Watts #	Additional Surge Watts	
Air Fryer	1,500 W	0 W	
Coffee Maker	1,000 W	αw	
Cooker Hood	20 W	TO W	
Deep Freezer	500 W	1,500 W	
Dishwasher	1,500 W	1,500 W	
Electric Can Opener	170 W	ow	
Electric Kettle	1,200 W	3,000 W	
Electric Oven	2,150 W	wø	
lectric Stove (8° Element) 2,100 W 0 W		оw	
Espresso Coffee Machine	1,300 W 200 W		
Food Dehydrator	800 W	0 W	

#### Part 2

#### ESTIMATED WATTAGE

Household Appliances	Rated (Running) •	Additional Surge  Watts
Ceiling Fan	50 W	70 W
Central AC (10,000 BTU)	1,500 W	4,500 W
Central AC (24,000 BTU)	3,800 W	11,400 W
Gentral AC (40,000 BTU)	6,000 W	6,700 W
Dehumidifier	240 W	ow
Electric Heater (Fan)	2,000 W	1,000 W
Electric Thermal Radiator	500 W	ow
Electric Water Heater	4,000 W	0 W
Electric Water Heater (Immersion)	3,000 W	υW
Electric Water Heater (Tankless)	6,600 W	2,200 W
Evaporative AC	2,600 W	ow
Furnace Fan Blower (1/2 HP)	800 W	2,350 W
Furnace Fan Blower (1/3 HP)	700 W	1,400 W
Garage Door Opener (1/2 HP)	875 W	2,350 W
Heat Pump	4,700 W	4,500 W

#### GENERATORIST

BY WATT - SHOPPING GUIDES - FAQ - TIPS - POWER NEEDS - Q

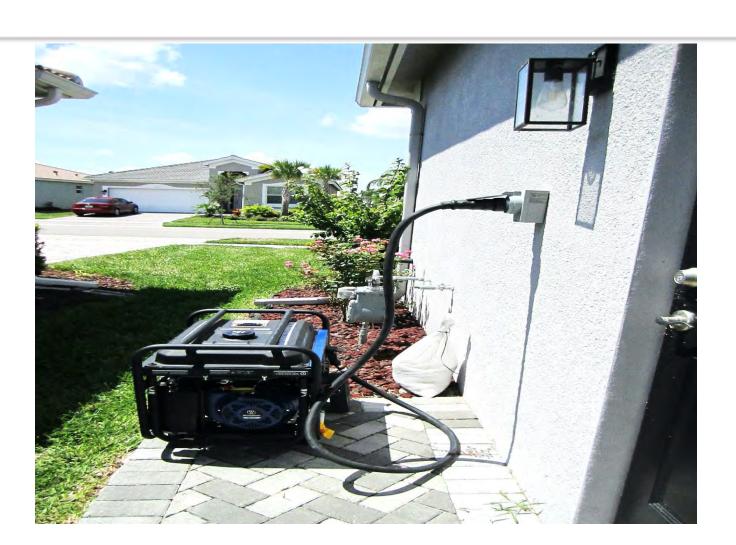
Light Bufb (Common)	75 W	-D-W	
Light Bulb (LED)	aw.	D.W	
Night Light	1.W	0 W	
Oversink Water Heater (Hand Wash)	3,000 W	ow	

## Wattage #3

Food Processor/Blender	400 W	ow
Fryer	1,000 W	ow
Hot Water Dispenser	1,200 W	100 W
Induction Hob (Per Hob)	1,400 W	400 W
Microwave	1,000 W	ow
Modern Fridge (2001-2020)	400 W	600 W
Percolator	800 W	300 W
Pressure Cooker	700 W	D W
Refrigerator / Freezer	700 W	2.200 W
Rice Cooker	200 W	500 W
Sandwich Maker	700 W	300 W
Side-by-Side Fridge	800 W	1.200 W
Slow Cooker	160 W	20 W
Smart Fridge	500 W	750 W
Steriliser	650 W	ow
Toaster	850 W	ow
Water Dispenser	100 W	ow
Water Filter & Cooler	70 W	за w
Wine Cooler (18 Bottles)	83 W	ow

## Some Set ups in the Community







## **50 Amp Plug and Twist**





#### **Power Panel**





#### **Natural Gas Connection**

This must be done by a licensed gas person and permitted by the county



#### **Hose connection**



# Tri Fuel Generator 30 Amp Plug in

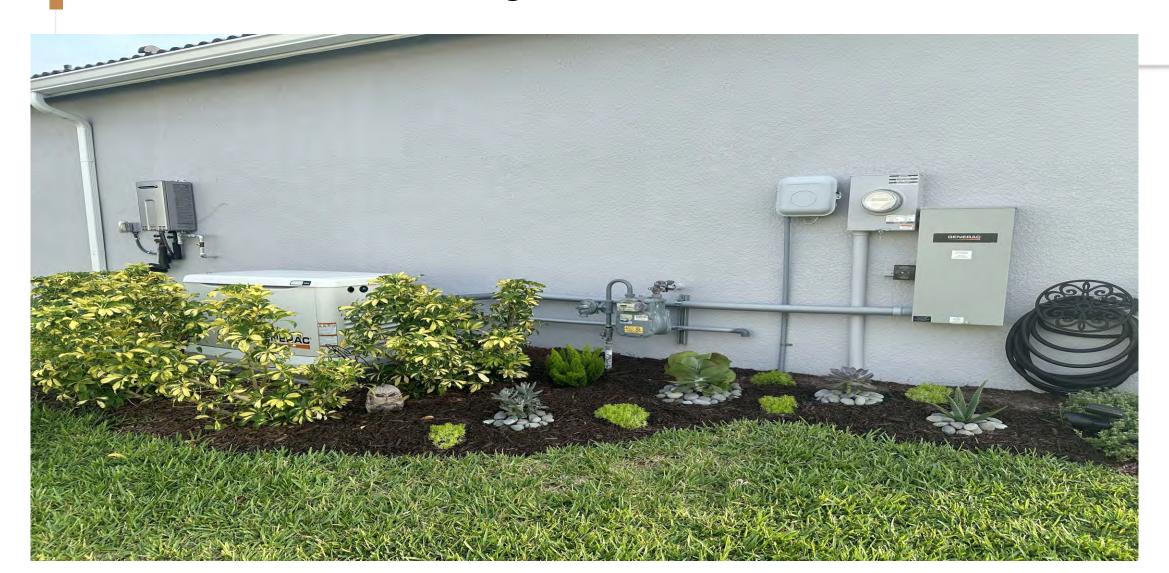




#### **Fuel Selector**



#### **Whole Home System**



#### What I need to know Before...

- First and foremost, what will work for my home?
- What can I handle, moving generator, hook ups and do I have enough cords?
- How much gas do I need on hand, (most gas stations do not have back up power systems)
- Most important is you do not use your Generator until the storm has passed.

#### **During the storm**

- Have battery operated lighting, you do not want to hook your generator up until the storm has passed.
- Ensure you turn the main breaker off in your Main power box prior to hooking up the generator. Linemen have been killed from stray voltage coming from generators. Keep your power within your house only.
- Stay safe, if you have a doubt, its probably not a good idea.

#### **After the Storm**

- Hook your generator up if needed, check fuel and oil prior to starting. Most generators have a low oil limit system that will not let you start it regardless of how many times you pull the cord.
- Survey your equipment to ensure nothing is smoking or something is running that you do not running.

#### If my generator stops Running

- First don't panic,
- Check the Fuel
- Check the oil
- What did I have running, you could have overloaded the generator, and it will shut down.
- Most of the time it is something simple.