



Warren CERT eNews



Not if..... When Always Vigilant - Always Prepared

Volume 3 Issue 5

May 2017

This newsletter is brought to you by the Executive Board and is meant to give you the latest news and information from around the organization.

IN THIS EDITION

Generator Issue
Presidential Volunteer Service Awards
The month in review
Scheduled Events & Training
Warren CERT receives Awards and Recognition
Additional Information
Do1Thing
Products Page

WHAT YOU NEED TO KNOW ABOUT GENERATORS

When the power goes out, a generator can keep your house warm or cool, your food frozen, your kitchen cooking, and your computers and phones charged.

With the American power grid becoming less reliable every year, power outages are occurring more frequently. That means you could end up sitting in the dark, sweating without an air conditioner, and eating canned meals while \$300 worth of food spoils in your freezer. Meanwhile, your basement could flood since the sump pump is now worthless—and your kids could go crazy without a TV or computer.

Power grid problems aside, we all lose electricity occasionally. But when outages become routine, leaving you without electricity for days on end, it's time to take action by getting a generator. Smaller, portable generators are great for powering the essentials, like the refrigerator and microwave, while large standby generators can power everything in your house.

Two Types of Generators, Two Very Different Costs

Stationary Generators

- These units cost more money and are installed by a pro (so factor in labor costs). An experienced electrician can help with town or municipal permits, noise restrictions, and proper location.
- These start automatically when the power goes out, and often supply more power.
- You have your choice of fuel - natural gas or propane, both of which are safer to store than gasoline.

Cont. pg. 2

PRESIDENT'S VOLUNTEER SERVICE AWARD (PVSA)

As another level of recognition and acknowledgement for all the time volunteered by our members CERT has added the ability for members to qualify for the President's Volunteer Service Award or PVSA.

Please go to <https://www.presidentialserviceawards.gov/register-vo> and create your own account. Each person must create your own account! To associate your account to the Warren CERT team you must reference our Record of Service Key WBU-4628



Any community volunteer work is allowed to be added for review. Any other groups or teams you volunteer can be submitted for consideration. For example RACES/ARES, Ducks Ltd., any city commission, etc. Any non-compensated training you do or volunteer work you perform may be submitted.

GENERATORS

CONTINUED

Stationary Generators - Cont:

- They range from roughly 5,000 to 20,000 watts.
- They cost from \$5,000 to \$10,000.

Portable Generators

- These units tend to cost less.
- They run on gas or propane that you may need to store in large quantities. Stabilizer must be added to store gasoline safely.
- You can use them anywhere on or off your property, but they must be at least 15 feet away from your house, doors, or windows—and not in an enclosed space. If it's raining, you must use a tent or cover.
- Several of these models offer electric starting.
- They provide from 1,000 to 10,000 watts.
- They cost from \$400 to \$1,500.

Generators are sold by wattage. How much they put out determines how many lights and appliances you can run at once. Your first step in adding backup power is deciding what you need (or want) to keep running when the electricity goes out. This determines the size (wattage) of the generator you'll need.

3,500 watts - Furnace, small air conditioner, fan, color television, small refrigerator, light bulbs, microwave, coffee maker, toaster

7,000 watts - Small to medium central air conditioner, washing machine, electric range, freezer, sump or well pump, air compressor, saws, grinders

10,000 watts - Large central air conditioner, clothes dryer, electric water heater

Cont. pg. 4

THE MONTH IN REVIEW - CALL OUTS, DEPLOYMENTS, AND EVENTS

April 1st General Membership Meeting
April 3rd #1 Traffic Lights Out - 12/Schoenherr
April 3rd #2 Traffic Lights Out - 13/Schoenherr
April 3rd #3 Traffic Lights Out - 13/Hayes
April 6th #1 Down Pole - 13 Mile & Hoover
April 6th #2 Down Wire - Morrissey & Kate
April 8th #1 Down Pole - Campbell btwn Ford & Hupp
April 8th #2 Down Pole - Campbell btwn Ford & Hupp (Second Shift)
April 15th Down Wire - Chicago/Mound
April 25th Spring Animal Welfare Clinic
April 28th Wires Down - 9/Mound
April 30th Blown Transformer - Campbell Ave & Alger Street

162 Hours - Call-Out & Meeting/Training Hours

60 Hours Executive Board / Administrative

UPCOMING EVENTS

Full details available at meetings, emails, and official CERT calendar

Sat May 6th 08:30 to 13:00 Shelter Training w/Salvation Army
Tue May 16 16:00 to 20:00 Leason's Fundraiser
Sun May 28th & Mon Mar 29th Warren's Greatest Garage Sale (Details to be added)
Sat Jun 3rd 09:00 - 13:00 General Membership Meeting
Mon Jun 5th 17:00 - ??:?? Warren Tower Graduation Ceremony (Details to be added)
Tue June 20 16:00 to 20:00 Leason's Fundraiser
Tue July 18 16:00 to 20:00 Leason's Fundraiser
Sat Aug 5th 09:00 - 13:00 General Membership Meeting
Tue Aug 15 16:00 20:00 Leason's Fundraiser
Thu Aug 24th - Sun Aug 27th - Warren Birthday Bash (Details to be added)
Tue Sep.19 16:00 to 20:00 Leason's Fundraiser
Sat Sep 23rd 08:30 - 14:30 Animal Welfare Fall Clinic
Sat Sep 30th 10:30 - 12:30 - Fitzgerald HS Homecoming Parade
Sat Oct 7th 09:00 - 13:00 General Membership Meeting
Tue Oct. 17 16:00 to 20:00 Leason's Fundraiser
Sat Oct 21st Harvest Treat (Details to be added)
Sat Dec 2nd 09:00 - 13:00 CERT Family Appreciation Breakfast
Sat Dec 2nd 17:00 - 20:00 Tree Lightning Ceremony

[Make sure you follow Warren CERT on Facebook & Twitter](#)

<https://www.facebook.com/wrncert/>

[@WarrenCERT](#)

Below is the average Wattage for common household items

| Appliance | Consumption (Watts) | Appliance | Consumption (Watts) |
|--------------------------------|---------------------|--|---------------------|
| Toaster | 800-1500 | Television - 25" color | 150 |
| Popcorn Popper | 250 | Television - 19" color | 70 |
| Blender | 300 | Television - 12" black and white | 20 |
| Electric cooker with oven | 1000-2500 | VCR | 40 |
| Microwave | 600-1500 | CD player | 35 |
| Waffle Iron | 1200 | Stereo | 20 |
| Hot Plate | 1200 | Clock radio | 1 |
| Frying Pan | 1200 | AM/FM auto cassette player | 8 |
| Dishwasher | 1200-1500 | Satellite dish | 30 |
| Sink waste disposal | 450 | CB radio | 5 |
| Washing machine - Automatic | 500 | Electric clock | 3 |
| Washing machine - Manual | 300 | Radiotelephone - Receiving mode | 5 |
| Vacuum cleaner - High Power | 1600-2000 | Radiotelephone - Transmitting mode | 40-150 |
| Vacuum cleaner - Upright | 200-700 | Lights:100 watt incandescent | 100 |
| Vacuum cleaner - Hand | 100 | Lights:25 watt compact fluorescent | 28 |
| Sewing machine | 100 | Lights:50 watt DC incandescent | 50 |
| Iron | 1000 | Lights:40 watt DC halogen | 40 |
| Clothes dryer - Electric | 4000 | Lights:20 watt DC compact fluorescent | 22 |
| Clothes dryer - Gas heated | 300-400 | Lights: Compact fluorescent 40 watt Incandescent equivalent | 11 |
| Heater - Electric water heater | 4000 | Lights: Compact fluorescent 60 watt Incandescent equivalent | 16 |
| Heater - Engine block | 150-1000 | Lights: Compact fluorescent 75 watt Incandescent equivalent | 20 |
| Heater - Portable | 1500 | Lights: Compact fluorescent 100 watt Incandescent equivalent | 30 |
| Heater - Waterbed | 400 | Electric mower | 1500 |
| Heater - Stock tank | 100 | Hedge trimmer | 450 |
| Furnace blower | 300-1000 | Weed eater | 500 |
| Air conditioner - Room | 1000 | 1/4" drill | 250 |
| Air conditioner - Central | 2000-5000 | 1/2" drill | 750 |
| Garage door opener | 350 | 1" drill | 1000 |
| Ceiling fan | 40 | 9" disc sander | 1200 |
| Table fan | 20 | 3" belt sander | 1000 |
| Electric blanket | 200 | 12" chain saw | 1100 |
| Blow dryer | 1000 | 14" band saw | 1100 |
| Shaver | 15 | 7-1/4" circular saw | 900 |
| Waterpik | 100 | 8-1/4" circular saw | 1400 |
| Well Pump (1/3-1 HP) | 480-1200 | Refrigerator/Freezer - 20 cu. ft. (AC) | 1412 watt-hours/day |
| Laptop | 20-60 | Refrigerator/Freezer - 16 cu. ft. (AC) | 1205 watt-hours/day |
| PC | 80-150 | Freezer - 15 cu. ft. (Upright) | 1239 watt-hours/day |
| Charger: mobile phone charger | 1 | Freezer - 15 cu. ft. (Chest) | |

If you have elected to get a permanent Stand-By generator then your electrician hopefully did their job and calculated your total household needs in a power loss situation. You shouldn't have to worry about overloading and damaging your generator or causing an unsafe or deadly electrical problem.

The table to the left is more of a consideration for portable / emergency generator users.

Important Reminder's:

Generators are rated in Watts: Running Watts and Starting (Surge) Watts.

All Electrical Motors require 1.5 to 3 times their running wattage when starting.

| | Running Wattage | Starting Wattage |
|------------------------|-----------------|------------------|
| Refridgerator | 700 | 2200 |
| Freezer | 500 | 1900 |
| 1/2hp Sump Pump | 800 | 2200 |
| 1/3hp Furnace | 700 | 1400 |
| Window Box Fan | 200 | 400 |
| 10,000 BTU Windows A/C | 1500 | 3000 |
| Garage Door | 875 | 2350 |

Consider the scenario - you are running on your 3500 Watt / 4000 Watt Surge generator during a power outage with a box fan (200 Watts running) and 3 x 60 Watt LED bulbs (27 Watts running). You plug in your Freezer and your Sump Pump at the same time you will drawing 4327 Watts. This could potentially damage your generator as it is more than the maximum allowed 4000 Maximum Starting Watts.

These calculations must be considered every time you use a generator!

By this point you have had an introduction to permanent and temporary generators. You understand how to pick the correct size generator for what you need to run should there be a power outage.

Next we need to review Generator usage and Safety.

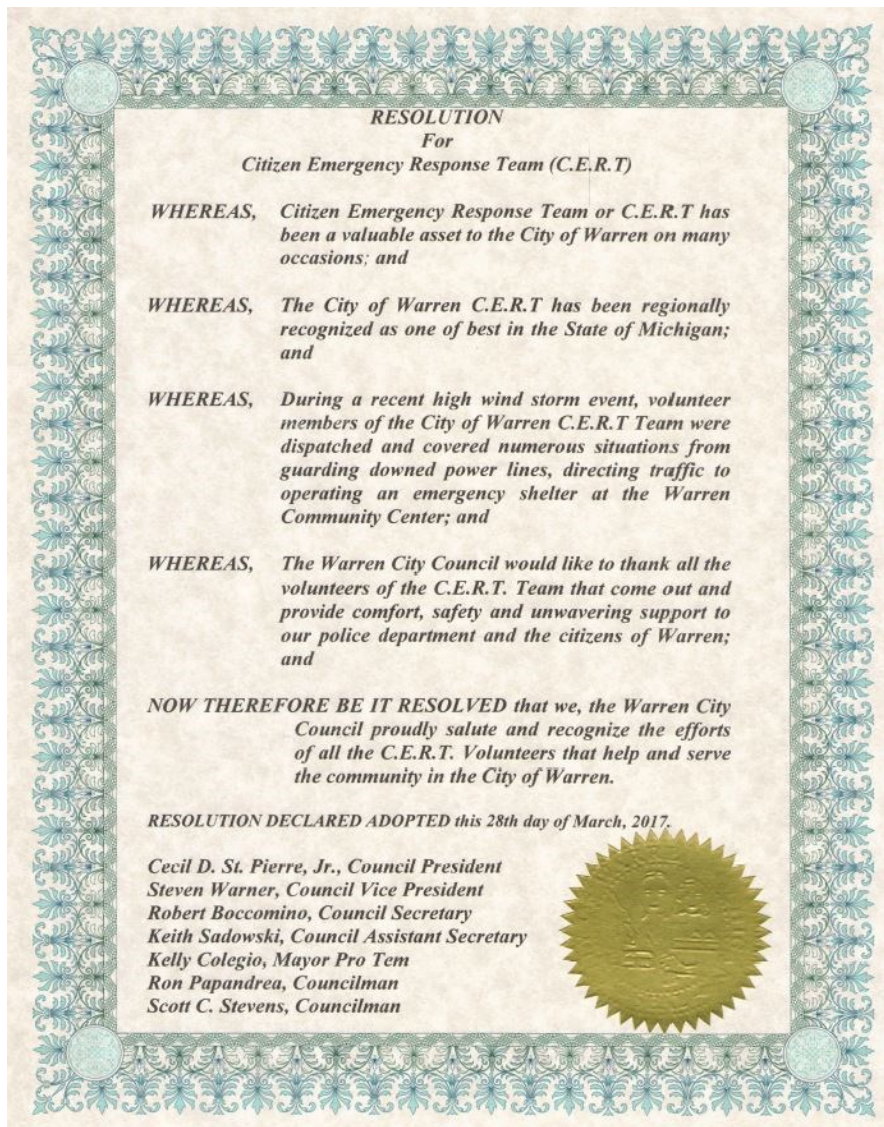
ALWAYS HAVE A LICENSED ELECTRTIAN DO ANY ELECTRICAL WORK!

EXECUTIVE BOARD

| <u>Title</u> | <u>Name</u> | <u>Phone</u> | <u>Email</u> | <u>Ham Call Sign</u> |
|--------------|-------------------|--------------|--------------------------|----------------------|
| Director | Michael Riley | 586-943-6110 | mriley@warrencert.org | kd8fmg |
| Co-Director | Karen Carrier | 586-481-4613 | karencarrier@yahoo.com | |
| Treasurer | Michael Slupinski | 586-214-4704 | deploytheyak@outlook.com | kd8vdz |
| Secretary | Mike Rose II | 586-855-1685 | mrose@warrencert.org | ke8cih |
| Coordinator | JoAnn Christian | 586-980-2055 | kd8stz@yahoo.com | kd8stz |
| Coordinator | Ryan Prouse | 248-259-1226 | ryanprouse68@gmail.com | kd8ygv |
| Coordinator | Jim Parsons | 586-306-2724 | jimparsons@comcast.net | kd8sua |
| Coordinator | Sandra Jones | 586-457-6159 | sgjones586@gmail.com | |
| Coordinator | Ron Mesic | 248-830-8450 | rmesic@gmail.com | n8xz |
| Coordinator | Steve Zabik | 586-350-5555 | szabik@warrencert.org | |

AWARDS

It has been an amazing month in the sense that Warren CERT and its members have been recognized and received multiple awards.



The Warren City Council presented this resolution to Warren CERT on March 28, 2017.

“that we, the Warren City Council proudly salute and recognize the efforts of all the C.E.R.T. Volunteers that help and serve the community in the City of Warren”

April 11, 2017



Warren CERT awarded by Warren Firefighters and Firefighters Local 1383 at their 2017 awards ceremony.



Wednesday April 12, 2017

27th Annual U.S. Army Garrison-Detroit Arsenal Volunteer Recognition Ceremony

Many Warren CERT members were recognized for their contribution to a training exercise in August of 2016. Not all of the members that assisted in the event were able to attend this awards ceremony.

Rex Marshall



Jewel Greer

Ron Mesic



Mike Riley

In an emergency, portable electric generators offer lifesaving benefits for your home or business. They can safely power important electrical equipment such as portable heating units, computers, water pumps, freezers, refrigerators and lighting.

However, portable generator use can also be very hazardous. If you plan on using an emergency generator, it's essential that you take precautions for your safety and the safety of those working to restore power.

The most effective way to avoid portable generator mishaps is to make sure you fully understand the proper operating procedures. Improper or careless use of a portable generator can result in potentially serious safety hazards, including personal injury, electrical shock, and fire. Alleviate these dangers, and achieve safe, reliable performance, by adhering to the following precautions:

• Male to Male extension cords Illegal! Never plug your generator directly into your home outlets! Widow-Maker cords, Suicide cords, Death cords are unsafe, and kill!!



- Engines emit carbon monoxide. Never use a generator inside your home, garage, crawl space, or other enclosed areas. Fatal fumes can build up, that neither a fan nor open doors and windows can provide enough fresh air.
- Only use your generator outdoors, away from open windows, vents, or doors.
- Use a battery-powered carbon monoxide detector in the area you're running a generator.
- Gasoline and its vapors are extremely flammable.
- Allow the generator engine to cool at least 5 minutes before refueling and always use fresh gasoline.
- Never operate the generator near combustible materials.
- Assure you extension cords are of the grounded type and are rated for the application.
- Always uncoil cords and lay them in flat open locations.
- If you are connecting a generator into your home electrical system, have a qualified electrician install a Breaker Lock-Out Switch.
- Generators produce powerful voltage - Never operate under wet conditions. Take precautions to protect your generator from exposure to rain and snow.
- Do not use splitters. Use cords made for generators and take advantage of all the taps available on your generator.
- Keep a fire extinguisher nearby and know how to properly use it.

[Consider installing a portable generator outlet and breaker lockout system. It saves running cords thru doors and windows and makes a nice, safe, and easier to operate emergency generator set-up.](#)

I recently did this and I love it!

ALWAYS HAVE A LICENSED ELECTRTIAN DO ANY ELECTRICAL WORK!

CERT POLICIES YOU NEED TO KNOW

Warren CERT ID and Lanyard can ONLY be worn when activated as Warren CERT and must NOT be visible when stored in your vehicle. Do not keep lanyards in your cup holders, hanging from your rear view mirror, or other obvious place. You need to assure it does not get stolen or is used to misrepresent the team.

When deployed on Warren CERT events, logos and ID's from any other agency's cannot be worn. This includes, but is not limited to Badges (Security, Hospital, Work, etc.), Shirts or uniforms with logos of other agencies (Police, Sheriff, Fire, Ambulance, Security, even other CERT teams). Displaying multiple identifying marks causes confusion and can possibly place you in unwanted and dangerous circumstances.

Under no circumstances should you self-deploy!! IF YOU SELF-DEPLOY AND ARE INJURED YOU ARE ON YOUR OWN! IF YOU SELF-DEPLOY AND ARE INJURED YOU ARE NOT COVERED BY THE CITY! If you decide to offer assistance without being called out by during a city sanctioned event you are doing so as a civilian.

You are authorized to use your red warning light while on official CERT call-outs or events and when you are using it according to CERT guidelines. You must be stationary while it is in use. You are only authorized to use it while in the city of Warren. Your light should not be visible outside of the city

Warren CERT has a Chain of Command and every member is subject to follow-it. If you ever have any questions or problems bring it to your executive board. No member will email or call a city official concerning a CERT topic without having gone thru the executive board or Emergency Manager.

ANY VIOLATION OF THE ABOVE GUIDELINES COULD RESULT IN DISCIPLINARY ACTION, EXPULSION FROM THE CERT TEAM AND CODE VIOLATIONS.

IMPORTANT INFO

The executive board has instituted a new program for you to report any hours worked for CERT. By simply calling 586-960-5315 and leaving a complete message about the detail or event you just worked will automatically forward your time to the hours & records committee for recording.

Remember call 586-960-5315 and leave your name, time arrived, time departed, and what scene or event your calling about!

Please like our Facebook page [Facebook.com/wrncert](https://www.facebook.com/wrncert)

Don't forget to tell your friends and neighbors, about CERT.
Were always looking for good people.

Make sure you continue to receive this eLetter and are signed up to the electronic version of the official CERT calendar.

do thing

Being prepared for disasters and emergencies can seem like a big job. Many people don't know where to start, so they never start at all. With Do 1 Thing you can take small steps that make a big difference in an emergency.

Do 1 Thing is a 12-month program that makes it easy for you to prepare yourself, your family, and your community for emergencies or disasters.

Warren CERT is proud to be a partner with do 1 thing. Every month we will be showcasing some of the information from do 1 thing for Individuals and Business's.

Individual:

Work, School and Community

Goal for May: Make sure the people who count on you are prepared for a disaster.

Disasters can happen at any time. If you are away from home do you know where to find safe shelter locations? Do you know what the emergency procedures are for your child's school or for your workplace? Will people who count on you know what to do if you can't reach them? Know how to make sure you and your loved ones are safe in a disaster, no matter where you are.

Tasks:

Work, School and Community: Make sure emergency procedures are in place for your workplace or school.

Work, School and Community: Give emergency kits to people who count on you (college students, elderly parents, etc.).

Work, School and Community: Know how others in your community will respond in a disaster.

Read More: <http://do1thing.com/topics/community>

Business:

Goal for Step 5: Make sure that vital resources are available, even when you can't get back to your site

Records, systems and equipment are vital to the operation of your business. Could you continue to operate if you lost your customer or sales records? What about inventory or equipment? Identifying and protecting those resources ahead of time can save valuable time and money after a disaster, when replacements may be hard to find, if available at all.

Tasks

Vital Resources: Identify what records, systems, and equipment are necessary to continue essential functions in your business.

Vital Resources: Back up vital records and equipment off-site.

Vital Resources: Make a Go Kit for vital resources in case you have to evacuate your building.

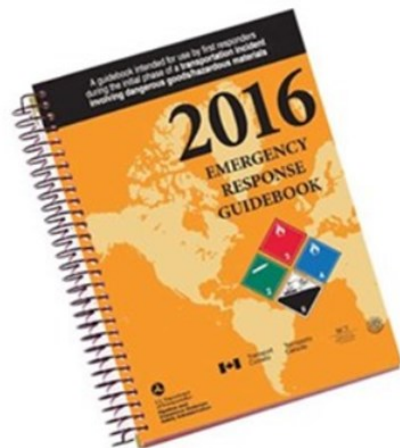
Read More: <http://do1thing.com/topics/resources>

Thank You to do1thing
<http://do1thing.com/>
A Warren CERT Partner

ERG 2016 Hazmat Books

2016 Emergency Response Guidebook, Spiral Bound Pocket Size
6 x 4 x.75 \$4.28

2016 Emergency Response Guidebook, Spiral Bound Full Size
7.5 x 5.5 x 1.25 \$7.34



If anyone is interested in purchasing the above items let myself or one of the executive board members know and we will coordinate a group order. All items are C.O.D.

Warren CERT does not endorse any of the products listed here.

Gold Armour

Brightest Camping Lantern - LED Lantern (EMITS 300 LUMENS!) - Camping Equipment Gear Lights for Hiking, Emergencies, Hurricanes, Outages, Storms (Black, 4 Pack) \$20.99 Amazon Prime

[Click to see on Amazon](#)



A generator cord that makes use of the twist lock outlets on your generator is a plus. Always check you generator to match ratings and cords.

This cord allows you to take advantage of the NEMA L14-30P plug if your generator has one. It allows 2 x110 volt circuits in the same heavy duty cord. Each side of the molded duplex plug is a different circuit on your generator. These are usually heavier gauge wire, you want at least a 10 gauge.

