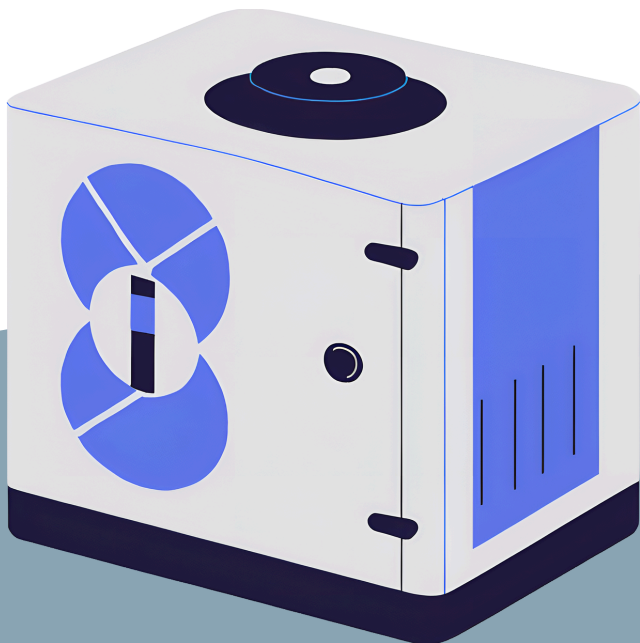




MORRIS COUNTY
ECONOMIC DEVELOPMENT CORPORATION

12: BACKUP POWER SUPPLY

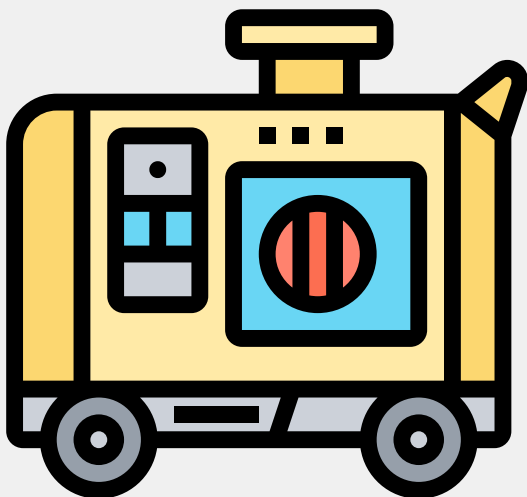
- *Backup electric generators can be a valuable part of your emergency plan when a power outage occurs*
- *A generator can turn the lights back on, keep appliances running, and power essential equipment and electronic devices.*
- *Failure to use your generator correctly could put you, your family and your property at risk.*



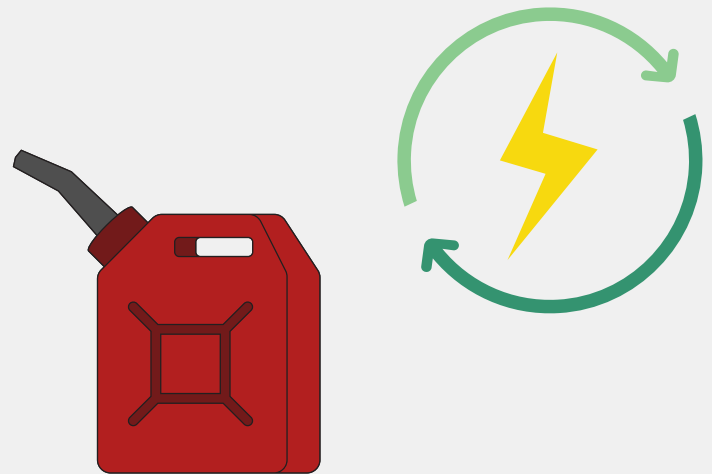


Types of Generators

- A natural gas generator permanently installed (the safest means of backup power)
- A portable unit (typically fueled with gasoline and stored in a garage or shed when not in use)
- A portable unit with extension cords (the least desirable method because cords can allow exhaust gases to enter the home)



Selecting a Generator



- Energy Needs - Calculate the “constant wattage” needed to power the appliances you wish to operate.
- Fuel Source - Depending on your preferences, options includes battery, natural gas, gasoline, propane, diesel fuel and solar with back-up storage.
- Rating - Choose a generator rated for more power than you may need.



GENERATOR INSTALLATION



- Read all manufacturer instructions. Be sure you can follow them all before using your generator.
- Follow instructions to ensure your generator is grounded correctly. Be sure it is installed in an area that is not at risk of flooding.
- Ensure the electric load never exceeds the manufacturer's rating.
- Contact your energy company to inform them if you've installed a backup system.



Generator Safety and Maintenance



- **Never use a generator inside your home, garage or other enclosed building.**
- **Store fuel safely in a proper container and away from the reach of children or heat sources.**
- **Turn off the generator for at least five minutes before fueling to avoid fires.**
- **Don't run cords under carpets or rugs. Heat could build up, or they may become damaged without you noticing.**
- **Keep cords out of the way to avoid tripping hazards.**
- **Make sure your generator is UL approved.**