

Public Health Brief

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September is National Preparedness Month:

Power Sources

According to the <u>U.S. Energy Information Administration</u>, the average U.S. electricity customer was without power for 250 minutes and experienced 1.3 outage in 2016. A <u>power outage</u> can disrupt medical services, close pharmacies, and create a life-threatening predicament for the <u>over 2.5 million</u> <u>people</u> who rely on electric-powered medical equipment. Prepare for a prolonged blackout with an emergency power plan and back up and alternative power sources for your cellphone, refrigerator, and medical equipment.

The Basics

- A flashlight or head lamp
- Extra batteries in standard sizes, such as AA and AAA
- Hearing aid batteries
- Car charger(s) and adapters for electric-dependent equipment and devices
- Jump starter and/or jumper cables
- A battery-powered or hand-crank NOAA weather radio with USB port(s)
- A generator
- Battery-powered smoke alarms and <u>carbon monoxide (CO)</u> detectors
- Appliance thermometers for your refrigerator and freezer
- A surge protector power strip(s)

Quick Tips

Pack flashlights or a battery-powered lantern for emergency lighting. <u>Candles</u> pose a fire hazard.



Prevent. Promote. Protect. Alpine County Health Department, 75-B Diamond Valley Rd., Markleeville, CA 96120 Alpine County Board of Supervisors, Phone: (530) 694-2281 District 1: Donald M. Jardine, District 2: Ron Hames, District 3: Katherine Rakow, District 4: Terry Woodrow, District 5: David Griffith

- Create an <u>Emergency Power Planning Checklist</u> for your medical devices, including breathing machines, power wheelchairs and scooters, nebulizers, and oxygen or home <u>dialysis</u> equipment.
- Read the user manual or contact the manufacturer to find out if your medical device is compatible with batteries or a generator.
- Contact your local fire department, and power and water companies if you use electricpowered medical equipment. Some utility companies keep a "priority reconnection service" list of power-dependent customers.
- If possible, buy manual alternatives for your electric devices that are portable, dependable, and durable. For example, a manual wheelchair, walker or cane as a backup for an electric scooter.
- Fully charge your electronic devices, medical equipment, and back-up power sources if you know a disaster is coming.
- Place plastic bags filled with water in the freezer to keep foods cold in a power outage. Drink the water when the ice melts.

Resources

- <u>What You Need to Know When the Power Goes Out Unexpectedly</u>
- Preventing Carbon Monoxide Poisoning After an Emergency
- Electrical Safety and Generators
- Home Use Devices: How to Prepare for and Handle Power Outages (FDA)
- Tips about Medical Devices and Storms (FDA)
- Refrigerated Food and Power Outages: When to Save and When to Throw Out (HHS)
- Homeowners: Respond to Power Outages (DOE)
- Homeowners: Choosing the Right Backup Generator (DOE)
- Homeowners: Alternative Backup Power Options (DOE)





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