

Ham 115 – Storms Emergency
Dr. Marc & Rosemary © 230620

1. This week's storms with widespread power outage, fuel shortage, high temperatures, and loss of internet graphically illustrate the need to plan-ahead, which is what amateur radio is all about.
 - a. 350,000 power outages per OK Emer. Mgt. means about one-million without power for several days.
2. What are items that should be readily available and portable, not using shore power?
 - a. This is not magic or special. You know this, but it is just reminders, in one place.
 - b. Turn-off UPS for computer and network. Save battery for emergency use.
 - c. We received numerous emails about use of ham radios and ham backup power systems.
 - d. Post the list where you will note items to DO REGULARLY.
3. Lights
 - a. Flashlights for each person
 - b. Desktop flashlights for room area lighting.
4. Communication
 - a. AM/FM radio. Travis & Channel 6 weather is live, simulcast on AM 1170 and FM 92.9, 98.5, 99.5, 106.9.
 - b. Weather radio
 - c. Ham Handi-Talkie. 443.850 MHz no tones, Evergreen Ch 7, is TARC repeater used by storm spotters.
 - d. Cellphone
 - e. Optional: Cellphone, if available, can be hotspot if internet is needed
 - f. Optional: portable TV
5. Power
 - a. Batteries for all above devices. Charged.
 - b. Ham battery. Usable for other devices.
 - c. Charger cords with 12-V (auto) connector & regular power.
 - d. UPS. Usable for backup emergency and medical devices
 - e. Optional: solar panel
6. Back-up generator
 - a. Honda EU2200i Inverter/Generator is for ham & other. Very quiet, smooth power. 18.3A. 8 hrs/gal. OUTSIDE.
 - b. House natural gas generator. Runtime 200 hr before maintenance.
 - c. Diesel generator. Rugged but require fuel transport ability. Fuel may not be readily available with power outage.
 - d. Fuel: Adequate, safe fuel storage. Ability to safely replace fuel.
7. Drinks
 - a. WATER in bottles
 - b. Green tea, Cacao, Coffee that can prep with no heat by adding to water bottle
 - c. Honey for nutrient, energy, and flavor
8. Food requiring no prep
 - a. Manual can-opener
 - b. What you eat, so it rotates. Include cereal, crackers, food-bars, protein.
9. Cleanliness
 - a. Hand sanitizer
 - b. Paper towels & TP
 - c. Paper plates, cups, bowls
10. Health
 - a. First Aid, since likely doing non-normal activities
 - b. Medication supply for duration
 - c. Medical device back-up power.
 - d. Nutraceuticals
 - e. Toothbrush, paste, deodorant
11. Clothes
 - a. Adequate changes
 - b. Protection for heat, cold, rain, weather
12. Survival tools to fit your ability. Obviously non-corded. Axe, chainsaw...
13. Make it an adventure. Thank the Lord for minor irritation.
14. Life is good. Enjoy!



Ancient Pecan (not ours) fell on power line to cause outage for 597 meters in our area.

