



Resource 3: Off-Grid Communication & Power Backup Guide

Keep this reference guide alongside your emergency electronics inside your Faraday cage.



Power Resilience Checklist

Manual Disconnects: Know the location of your solar array's physical breaker switch. Flip it off immediately if a solar storm or high-altitude EMP threat is **confirmed**.

Low-Tech Redundancies: Ensure your mechanical backups (hand well pumps, gravity-fed water filters, rocket stoves) are cleared of debris and functional.

Battery Maintenance: Top off all emergency power banks and standard AA/AAA cells at the start of every season.



Emergency Radio Protocols

Primary Monitor: Set your NOAA Weather Radio to your local broadcast channel.

Local Comms: Program family walkie-talkies to GMRS/FRS Channel 1 (or your neighborhood's designated fallback channel).

Radio Etiquette:

1. Listen for 10 seconds before transmitting to ensure the frequency is clear.
2. State your callsign or name, followed by the person you are trying to reach (e.g., "Homestead Base, this is Mobile One, over").
3. Keep transmissions short, factual, and strictly focused on safety.