



Home Energy Needs Assessment

This emergency power planning checklist is to help individuals and families assess their electrical needs as related to technology, comfort, and security in the likely event of a prolonged power outage.

How important is backup power when the grid is down?
(0 being not at all important, to 10 being critical. Heavy loads start at 6.)

TECHNOLOGY

- | | |
|---|---|
| <input type="checkbox"/> computer | 0 1 2 3 4 5 6 7 8 9 10 N/A (circle one) |
| <input type="checkbox"/> e-vehicle | 0 1 2 3 4 5 6 7 8 9 10 N/A (circle one) |
| <input type="checkbox"/> internet satellite | 0 1 2 3 4 5 6 7 8 9 10 N/A (circle one) |
| <input type="checkbox"/> router / modem | 0 1 2 3 4 5 6 7 8 9 10 N/A (circle one) |
| <input type="checkbox"/> solar inverter | 0 1 2 3 4 5 6 7 8 9 10 N/A (circle one) |

Comfort

- | | |
|---|---|
| <input type="checkbox"/> refrigerator | 0 1 2 3 4 5 6 7 8 9 10 N/A (circle one) |
| <input type="checkbox"/> air conditioning / heating | 0 1 2 3 4 5 6 7 8 9 10 N/A (circle one) |
| <input type="checkbox"/> TV / satellite | 0 1 2 3 4 5 6 7 8 9 10 N/A (circle one) |
| <input type="checkbox"/> clothes washer / dryer | 0 1 2 3 4 5 6 7 8 9 10 N/A (circle one) |
| <input type="checkbox"/> electric water heater | 0 1 2 3 4 5 6 7 8 9 10 N/A (circle one) |
| <input type="checkbox"/> on-demand gas water heater | 0 1 2 3 4 5 6 7 8 9 10 N/A (circle one) |
| <input type="checkbox"/> electric oven | 0 1 2 3 4 5 6 7 8 9 10 N/A (circle one) |
| <input type="checkbox"/> microwave oven | 0 1 2 3 4 5 6 7 8 9 10 N/A (circle one) |
| <input type="checkbox"/> DVD / game console | 0 1 2 3 4 5 6 7 8 9 10 N/A (circle one) |

Security

- | | |
|---|---|
| <input type="checkbox"/> security system | 0 1 2 3 4 5 6 7 8 9 10 N/A (circle one) |
| <input type="checkbox"/> electronic locks / doors | 0 1 2 3 4 5 6 7 8 9 10 N/A (circle one) |
| <input type="checkbox"/> lights (up to five) | 0 1 2 3 4 5 6 7 8 9 10 N/A (circle one) |
| <input type="checkbox"/> lights (more than five) | 0 1 2 3 4 5 6 7 8 9 10 N/A (circle one) |
| <input type="checkbox"/> charging outlet | 0 1 2 3 4 5 6 7 8 9 10 N/A (circle one) |
| <input type="checkbox"/> CPAP machine | 0 1 2 3 4 5 6 7 8 9 10 N/A (circle one) |
| <input type="checkbox"/> water well pump | 0 1 2 3 4 5 6 7 8 9 10 N/A (circle one) |
| <input type="checkbox"/> shop / outbuilding | 0 1 2 3 4 5 6 7 8 9 10 N/A (circle one) |

A score of 0-30, you probably do not need battery backup yet.
 A score of 31-49, you should consider battery backup... one to two Tesla Powerwalls.
 A score of 50+, you definitely need battery backup... two to three Tesla Powerwalls.

Call today to schedule an appointment with a Solarponics energy analyst to review your battery backup needs.

(805) 466-5595 • www.solarponics.com

Solarponics is a Certified Tesla Powerwall Installer.