

Household Emergency Preparedness Manual

Addendum D: Energy & Heat

Learning Path Reference

Northern Utah / Wasatch Front Edition

Every course, certification, and organization referenced across all four stages of this addendum, gathered into one reference card. See the full addendum for the reasoning and context behind each resource.

Stage 1: Foundations (Awareness)

Resource	Cost / Format	Notes
CPSC generator and carbon monoxide safety guidance	Free, online	cpsc.gov. Already cited in Chapter 4; read the full guidance, not just the summary.
U.S. Fire Administration space heater safety guidance	Free, online	usfa.fema.gov. Covers placement, unattended-use risk, and the “3-foot rule” for anything flammable.
Basic electrical safety overview (OSHA or a utility provider's consumer guide)	Free, online	Rocky Mountain Power and other Utah utilities publish consumer electrical safety guides specifically covering backfeeding and generator interconnection.

Stage 2: Applied Practice (Competent)

Resource	Cost / Format	Notes
Generator interlock kit or manual transfer switch	\$50–\$500 depending on setup	The single highest-leverage safety purchase in this stage; consult a licensed electrician for installation if wiring into your panel directly.
A basic multimeter	\$20–\$50	Lets you actually verify voltage/continuity rather than guessing; a genuinely useful, low-cost tool for this entire track.

Resource	Cost / Format	Notes
Working CO and smoke detectors on every level	\$20–\$60 each	Test and replace batteries on the same schedule as your other emergency equipment checks.

Stage 3: Self-Sufficiency (Proficient)

Resource	Cost / Format	Notes
Bridgerland Technical College Electronics Technology / Electrical Apprenticeship	Program fees vary; open-entry most months	btech.edu. Brigham City campus; a genuine structured entry point into electrical competency.
Davis Technical College electrical program	Program fees vary	davistech.edu. Kaysville campus; covers electrical theory, blueprint reading, code, and safety.
NABCEP PV Associate exam prep material	Free/low-cost study guides available; exam fee if pursued	nabcep.org. The entry-level credential in the NABCEP solar certification track; useful reference material even without sitting the exam.
A local CSIA-certified chimney sweep	Inspection cost varies, typically \$150–\$300	csia.org has a certified-sweep locator; get a real professional inspection before depending on wood heat.

Stage 4: Mastery & Teaching (Expert)

Resource	Cost / Format	Notes
Utah DOPL Residential or full Journeyman Electrician licensing	Multi-year program; exam fees apply	commerce.utah.gov/dopl/electrical. Recognized Utah apprentice program list available from DOPL directly.
NABCEP PV Installation Professional certification	58+ hours advanced training plus exam fee	nabcep.org. The full professional solar credential.

Resource	Cost / Format	Notes
CSIA Certified Chimney Sweep	Coursework plus two exams; recertify every 3 years	csia.org. The recognized professional wood-heat safety credential.