Home Preparation Session #2

Morgan County Preparedness Project

September 2025

Instructors

Kent Becker

Art Cucinotta

Goals of Today's Training

- Review Options for Backup Home Heating
- Review Options for Backup Home Lighting
- Review Options for Backup Home Power

Backup Heating

Presenter: Art Cucinotta

Kerosene Stove

Wood Stove

Coal Stove

Pellet Stove

Portable Propane Heater (Buddy Heater)

Wall / Floor Propane Stove

Ventless

Warm Clothing

Sleeping Bags

Quilts/ Blankets

Emergency Blanket

Backup Lighting

Presenter: Art Cucinotta

Candles

Battery Lanterns

Rechargeable Lights

Flashlights

Head Lamps

Propane Lantern

White Gas Lantern

Solar Lights

Oil Lamp

LAMPLIGHT
Ultra-Pure
PARAFFIN LAMP OIL
CLEAR LAMP OIL

Classic Kerosene Lamp

GAS ONE
LAMP OIL
1 GALLON PARAFFIN LAMP OIL
ODORLESS AND SMOKELESS

Barn / Railroad Lanterns

Backup Power Sources

Presenter: Kent Becker

Portable Batteries

Portable Power Banks

Cell Phone Backup Options

Folding Solar Panels

Folding Solar Panels

Car Jumper Box

Portable Power Stations

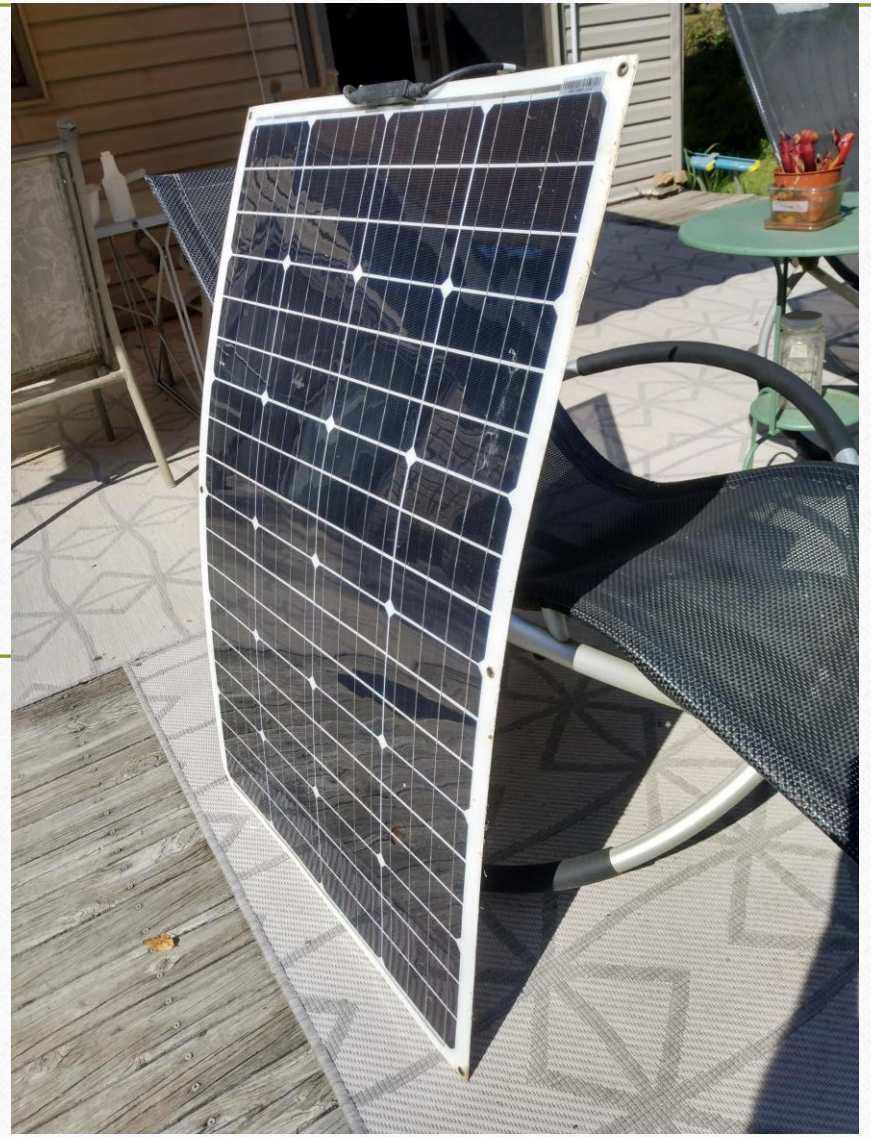
Pro / Con

- Portability (Pro)
- Less Powerful (Con)
- Silent (Pro)
- Shorter Run Time (Con)
- Can Recharge with Sun (Pro)

Solar Panels

- Flexible
- Suitcase Style
- Rigid

Flexible Solar Panels



Suitcase Style

Suitcase Style

Rigid Solar Panel

Portable Generator

Advantages / Limitations

- More Powerful (Advantage)
- Noisy & Smelly (Limitation)
- Flexibility (Advantage)
- Uses Fossil Fuel (Limitation)
- Longer Run Time (Advantage)

Manual Transfer Switch

Generator Plug In Type

Semi-Automatic Transfer Switch

Whole House Generator

Automatic Transfer Switch

Rooftop Solar Panel

Battery Banks

Summary

Presenter: Art Cucinotta

Backup Heating

Consider more than one “type” of Backup Heating for use during times on an Emergency.

Emergencies can be short lived or may extended over a prolonged period of time period.

Your primary source of heating fuel may be in high demand and not readily availability.

Combining types of heating options may be required.

Backup Lighting

As with Backup Heating, more than one “type” of Backup Lighting may be useful during Emergency.

Backup Lighting sources should be ready to go and within reach at various locations within your home.

Different types of lighting may be necessary dependent on the required usage.

Reading may require a different type of lighting than accomplishing basic household choirs.

Backup Power

What do you want/need to keep running?

(What is the most important?)

Fuel Availability?

(What Fuels do you already use & have on hand?)

Backup Power (continued)

Length of Outage? (How long will you need backup power?)

You may need a combination of backup sources during a single outage!

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Our Next Class

"To Be Determined"

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Join Our Signal Group

Stay in Touch

- **Read The Morgan Messenger**
- **Email: info@PrepareMorganCounty.com**
- **Join our Signal group**: MoCo Preparedness Network

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"That's all Folks!"