GREEN PLATOON
THERMAL CONSULTANTS
RECON. ANALYZE. IMPROVE.

START WITH WHAT YOU'RE NOTICING.

Cold floors, drafts, uncomfortable rooms, high energy use, weak airflow, or insulation concerns may be worth a closer look.

1 CONNECT
Tell us what you are noticing.

2 REVIEW
We help identify what assessment or program pathway may make sense.

3 NEXT STEP
When appropriate, we help move the home through diagnostics and approved improvements.

ASK GREEN PLATOON ABOUT YOUR MOBILE HOME.

GREEN PLATOON THERMAL CONSULTANTS

CENTRAL ILLINOIS • ENGLISH & SPANISH

Ameren ILLINOIS

ENERGY EFFICIENCY PROGRAM

YOUR HOME MAY QUALIFY FOR ENERGY-EFFICIENCY IMPROVEMENTS.

Green Platoon participates in the Ameren Illinois energy-efficiency network and can help eligible mobile-home residents understand opportunities available through the Mobile Home Initiative.

- AIR SEALING
- DUCT SEALING / REPAIR
- SUBFLOOR INSULATION
- BELLY REPAIR
- ATTIC INSULATION
- VENTILATION

MOBILE HOME WEATHERIZATION SPECIALISTS

Green Platoon team members completed Ameren Illinois Mobile Home Initiative hands-on weatherization training covering diagnostics, air sealing, duct sealing and repair, belly repair, insulation, and ventilation.

- DIAGNOSTICS
- AIR SEALING
- DUCT REPAIR
- BELLY REPAIR
- INSULATION
- VENTILATION

Mobile homes require mobile-home-specific knowledge.

Program eligibility, approved measures, scope, and availability are determined under current Ameren Illinois Energy Efficiency Program requirements. Green Platoon is an independent Program Ally Contractor and is not Ameren Illinois.

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MOBILE HOME PERFORMANCE & WEATHERIZATION

YOUR MOBILE HOME MAY BE TELLING YOU SOMETHING.



- COLD FLOORS
- DRAFTS
- HIGH ENERGY USE
- HOT OR COLD ROOMS
- WEAK AIRFLOW

Some of the most important comfort problems in a mobile home may be underneath the floor, inside the duct system, or hidden in the building envelope.

GREEN PLATOON CAN HELP FIND OUT WHY.

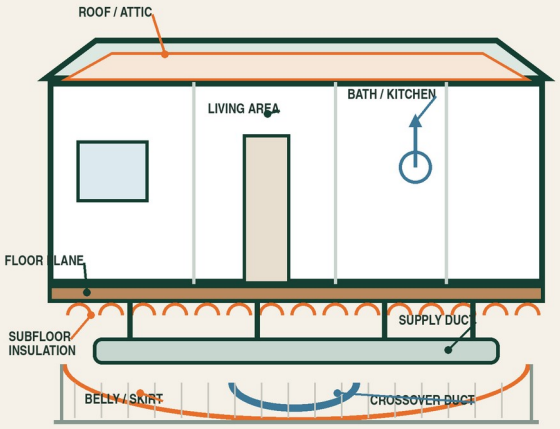
BPI BUILDING PERFORMANCE INSTITUTE, INC.

Ameren ILLINOIS
ENERGY EFFICIENCY PROGRAM

MOBILE HOMES HAVE THEIR OWN BUILDING-SCIENCE CHALLENGES.

Mobile and manufactured homes are built differently. The floor system, belly cavity, ductwork, roof cavity, ventilation, and insulation all work together.

A problem in one area can affect comfort throughout the home.



WHAT'S UNDER YOUR HOME MATTERS.

Insulation, ducts, plumbing penetrations, and belly material can have a major effect on comfort inside the home.

HOW THE PARTS WORK TOGETHER

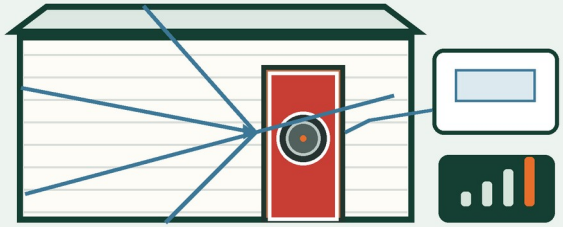
- **ROOF / ATTIC** — Insulation and heat movement
- **LIVING SPACE** — Comfort and uncontrolled air
- **BATH / KITCHEN** — Moisture removal
- **FLOOR SYSTEM** — Air leakage and insulation
- **DUCTWORK** — Leaks, connections, and airflow
- **UNDERBELLY** — Belly material, penetrations, damage

BUILT DIFFERENTLY. EVALUATED DIFFERENTLY.

Mobile-home-specific knowledge matters.

YOU CAN'T ALWAYS SEE THE PROBLEM.

Green Platoon uses building-performance diagnostics and building-science principles to understand how the home is actually performing.



BLOWER-DOOR TESTING

A blower door allows us to measure air leakage through the home and establish a baseline for building performance. It can help identify where uncontrolled air may be entering or leaving.

- **ENVELOPE** — Visual evaluation
- **DUCTS** — System observations
- **VENTILATION** — Moisture removal
- **INSULATION** — Condition assessment
- **SAFETY** — Testing when required
- **VERIFY** — Post-work testing

TEST → IDENTIFY → IMPROVE → VERIFY

THE GOAL IS CLARITY.

Comfort symptoms can have more than one cause. Measurement helps Green Platoon recommend next steps based on the home—not assumptions alone.

MEASURED, NOT ASSUMED.

Use evidence to choose the next step.

WHAT COULD WE FIND?

Each home is different. Potential areas may include:

- **AIR LEAKAGE** — Openings at floors, walls, ceilings, registers, and plumbing penetrations.
- **DUCT LEAKAGE & DAMAGE** — Loose connections, damaged ducts, leaking boots, or crossover problems.
- **UNDERBELLY / BELLY REPAIR** — Open or damaged belly material that exposes insulation and components.
- **SUBFLOOR INSULATION** — Missing, displaced, compressed, damaged, or insufficient insulation.
- **ATTIC / ROOF INSULATION** — Opportunities where the construction and existing conditions allow.
- **VENTILATION** — Exhaust systems that properly move moisture and indoor contaminants outside.

SIGNS WORTH A CLOSER LOOK

- COLD FLOORS
- FLOOR / REGISTER DRAFTS
- WEAK AIRFLOW
- BIG COMFORT DIFFERENCES
- VISIBLE BELLY DAMAGE
- MOISTURE CONCERNS

These signs do not prove a specific defect. Testing helps clarify what may be happening.

NOT EVERY HOME NEEDS EVERY MEASURE.

The assessment helps separate visible symptoms from likely causes and identify practical next steps for this home.

PRACTICAL NEXT STEPS.

Recommendations are based on this home.

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