

Guide to REScheck Compliance

What is REScheck?

REScheck is a compliance tool designed to ensure that residential building projects meet energy efficiency requirements set by local building codes, such as the International Energy Conservation Code (IECC) or state-specific codes. It assesses the energy performance of a building's thermal envelope, including insulation, windows, doors, and HVAC systems. Using REScheck helps builders align construction projects with energy standards, improving energy efficiency and reducing long-term utility costs.

Why is REScheck Important?

1. **Code Compliance:** Ensures your project meets local and state energy code requirements.
 2. **Energy Efficiency:** Helps create a more energy-efficient home, reducing energy consumption and costs for occupants.
 3. **Simplified Process:** Provides an easy way to check compliance without extensive calculations.
 4. **Approval:** A completed REScheck report is often required for building permit approval.
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Utah-Specific Requirements

In Utah, REScheck projects must demonstrate energy efficiency that is **5% better than the 2012 Utah Energy Conservation Code**. This means your project's energy performance must exceed the baseline requirements of the 2012 code by at least 5%.

To meet this requirement:

- Improve insulation levels.
- Install higher-efficiency windows and doors.
- Upgrade HVAC systems.

REScheck software calculates your compliance percentage and indicates whether it meets or exceeds the required threshold. For additional details, see the [Utah Residential Energy Code Quick Guide](#).

Steps to Complete a REScheck

1. Gather Required Information:

- **Project Details:** Include location, project type, and construction type.
- **Building Components:** Note insulation values (R-values), window and door specifications (U-factors and SHGC values), and HVAC efficiency ratings.
- **Code Version:** Confirm whether REScheck automatically applies state-specific codes based on the project's location. If not, verify the correct code manually.

2. Access the REScheck Tool:

- Visit the REScheck website: <https://www.energycodes.gov/rescheck>.
- Download and install the software, or use the web-based version.

3. Start a New Project:

- Open REScheck and click "New Project."
- Enter project details, including location and applicable energy code.

4. Input Building Components:

- Provide details for walls, floors, ceilings, windows, and doors, specifying R-values, U-factors, and SHGC values.
- Include HVAC system details, if applicable.

5. Review Results:

- After entering all data, REScheck calculates compliance based on the inputs.
- Adjust specifications (e.g., increase insulation or upgrade windows) if the project fails compliance.

6. Generate a Compliance Report:

- Once the project passes, generate a compliance report.
 - Save and print the report for submission with your building permit application.
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Tips for Using REScheck Effectively

- **Double-check Inputs:** Ensure accuracy for insulation R-values, window U-factors, and other specifications.
 - **Understand Local Codes:** Verify applicable energy code versions to avoid compliance issues.
 - **Seek Expert Advice:** Contact certified energy professionals or the building department if issues arise.
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Common Questions About REScheck

1. What if my project fails REScheck?

- Adjust your specifications to meet energy standards. This may involve increasing insulation, upgrading windows, or improving HVAC efficiency.

2. Where can I get help with REScheck?

- Visit the REScheck help page at <https://www.energycodes.gov/rescheck> or contact our office at (435) 738-1150.