Residential Baseline Compliance Study
Illinois Energy Code Compliance

What is a Baseline Study?

A baseline compliance study is an anonymous survey of common building practices during different phases of construction. Specific observations will be made in order to better understand how energy code requirements are typically being implemented in the field.

A primary goal of this research is to identify missed opportunities for energy savings and potentially develop additional assistance programs to facilitate energy code compliance. No authority will be informed of any specific building's code compliance issues.

The Midwest Energy Efficiency Alliance (MEEA) will be conducting a residential energy code compliance baseline study on new residential construction projects in Illinois. This study will use the DOE methodology and document key observational items in order to conduct analysis. **Data will be anonymized.**

Key Observational Items

- Envelope Tightness
- Window U-factor
- Wall Insulation
- Ceiling Insulation
- Foundation Insulation
- High Efficacy Lighting
- Duct Leakage
- Manual J Data
- Manual D Data

How You Can Get Involved

You can assist by providing access to construction projects for observation. The Cadmus Group, LLC will be conducting the in-field data collection and may be calling your jurisdiction or construction company for site access. Your cooperation in this study assures the baseline studies are accurate and the appropriate support mechanisms are developed. The field visit data is anonymous, only used for research purposes and is not reported to any enforcement agency.

Data will be collected according to a sampling plan using the most recent construction data.

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