



Residential Energy Compliance Path
 Energy Code Requirements of the 2021 IRC (IECC) as amended
Submit with application for a building permit

Project Address: _____

2021 IECC Section R401.2 – Projects shall comply with one of the following (including local amendments):

Option 1(a) – Prescriptive: Sections R401.3 through R404

- R402 Building Thermal Envelope (*R402.1.3 INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT*)
- R403 Systems
- R404 Electrical Power and Lighting Systems (Mandatory)
- Plus all mandatory provisions

Option 1(b) – Prescriptive-Using REScheck™ Total UA approach Only: Sections R401.3 through R404

- R402 Building Thermal Envelope
- R403 Systems
- R404 Electrical Power and Lighting Systems (Mandatory)
- Plus all mandatory provisions

Option 2 – Section R405 Performance Approach Plus all mandatory provisions

Option 3 – ENERGY STAR Certified Homes® Plus all mandatory provisions

Option 4 – Section R406 Energy Rating Index Compliance Alternative

- Minimum envelope requirements per R406.3 of 2021 IECC – Plus all mandatory provisions (Table R406.2)
- Max ERI rating: 63 until date of 8/31/22; Max ERI rating: 59 from 9/1/22 until 8/31/25;
- Max ERI rating: 57 from 9/1/25 until 8/31/28; Max ERI rating: 55 on and after 9/1/28

Option 5 - Home Energy Rating System Index (HERS®) per ANSI/RESNET/ICC 301-2019 (87(R) HB 3215)

- Minimum envelope requirements ≥ Table 402.1.2 or 402.1.4 of the 2018 IECC
- R406.2 - 2018 IECC mandatory provisions
- Max ERI rating: 63 until 8/31/22; Max ERI rating: 59 from 9/1/22 until 8/31/25;
- Max ERI rating: 57 from 9/1/25 until 8/31/28; Max ERI rating: 55 on and after 9/1/28

I certify that I have reviewed the construction documents including, but not necessarily limited to, insulation materials and R-values; fenestration U-factors and SHGC values; area-weighted average U-factor and SHGC calculations; mechanical system design criteria; mechanical and service water heating system and equipment types, sizes and efficiencies; equipment and system controls; duct sealing, duct and piping insulation and location; and air sealing details; and that the project as designed satisfies the minimum requirements for the compliance approach selected above and the Texas State mandated IECC requirements for ERI compliance path.

Print Name: _____ Date: _____

Signature: _____

NOTE: ATTACH THE APPLICABLE COMPLIANCE REPORT

Prepared July 2016, updated February 2022