

# Builder Forum

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December 16, 2020  
Arkansas Energy Code



**ARKANSAS**  
ENERGY & ENVIRONMENT

# ENERGY CODE

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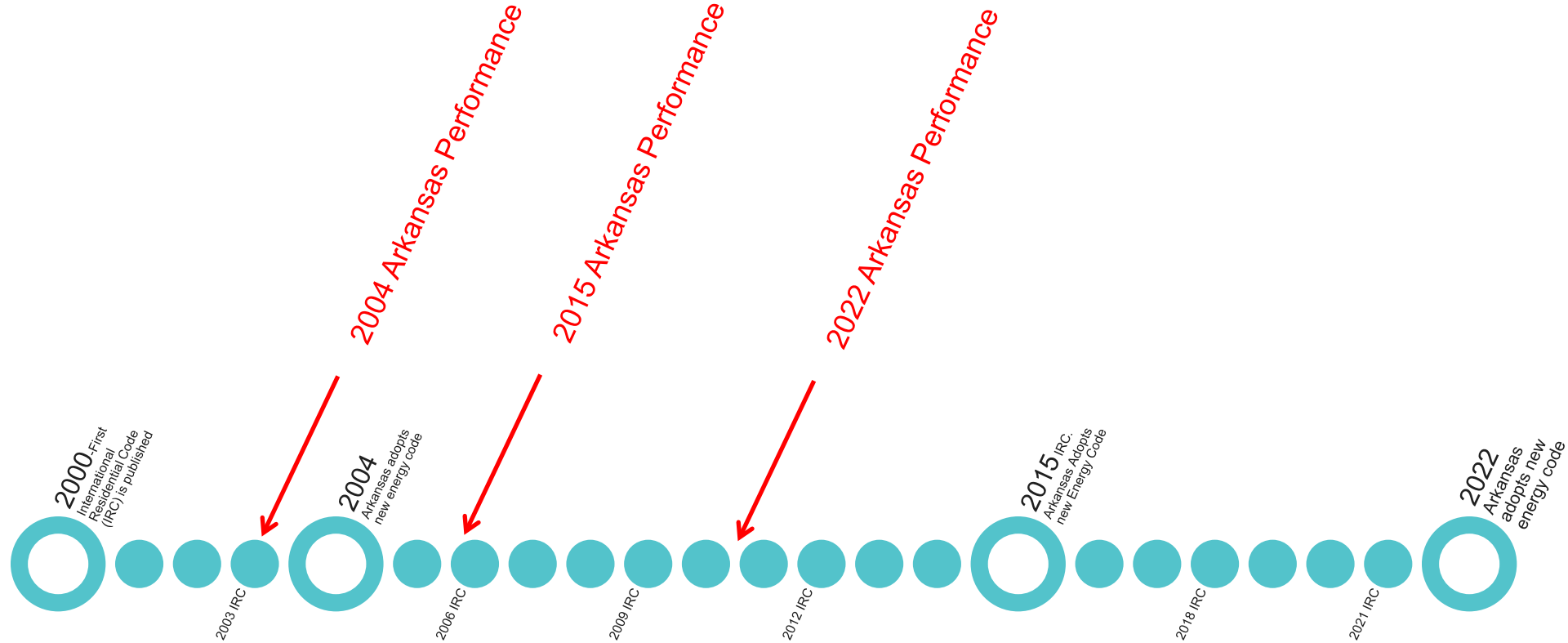
- 2018 IECC Model Code as 1<sup>st</sup> draft
- Stakeholder Meetings November 2019, January 2020, June 2020, August 2020
- Subcommittee Workgroup Meetings in March, April, May, July & August 2020
- Builder Outreach and Surveys July-November 2020.

# HBA Feedback

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- Wall Insulation – Reduce to R-13
- Foundation Insulation – Reduce to R-3 or ½”
- Duct Insulation – Reduce to R-6 Wrap
- Blower Door Testing –
  - Delayed To 2023
  - Allow Builder To Test Own Homes
  - Provide Equipment to HBA’s
  - Provide Training Program
  - Duct Testing also delayed to 2023

# RESIDENTIAL ENERGY CODE IN THE 21<sup>ST</sup> CENTURY



# KEEP IN TOUCH



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1. Windows
2. Wall insulation
3. Ceiling insulation
4. Floor insulation
5. Air Infiltration
6. Duct Sealing
7. Duct Insulation
8. Programmable Thermostat
9. Sticker
10. Water pipe insulation
11. Vent fan efficacy
12. Manual J Equipment Sizing
13. Pools & Spas controls
14. Lighting
15. Optional software tradeoffs

# PREVIOUS REVIEWED AMENDMENTS

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- 001 Title
- 002 Adoption
- 003 Climate Zones
- 004 International Climate Zones
- 005 Tropical Climate Zone
- 006 Tropical Zone
- 007a,b,c Certificate
- 008a,b Programmable Thermostat
- 009 Equipment Sizing and Efficiency Rating
- 010a,b Maximum Energy Rating Index
- 011a,b Energy Rating Index "Backstop"
- 012 Not proposed
- 013 Certificate Existing Buildings
- 014a,b,c,d,e Roof Insulation: spray foam/Unvented attics
- 015a,b Blower Door: 5 ACH50
- 016a,b,c Duct Insulation
- 017a,b,c,d Insulation and Fenestration Table
- 018 Not proposed
- 019 Floor Insulation: R-13 spray foam
- 020, 021, 022: Not proposed
- 023 Additional efficiency options
- 024 Definitions
- 025 Fan Efficacy
- 026 Lighting
- 027 Grow lighting
- 028 Receptacle Controls
- 029 Solar Ready
- 030 Electric Vehicle Ready
- 031 Electric Vehicle Ready
- 032 Definitions: Cavity Insulation
- 033 Pilot lights
- 034 Water heater
- 035 Lighting
- 036 Electric Ready appliances
- 037 Renewable Energy Certificates
- 038 Lighting Alterations
- 039 Spray foam R-20 roof & Insulation Markers
- 040 Radiant Decking and R-6 ducts
- 041 Duct Leakage
- 042 Appendix Diagrams
- 043 Utility Incentives
- 044 Testing Small Systems
- 045 DET Certification
- 046 Sampling