

Energy Program & Codes Update
Arkansas Alternative Energy Commission
Thursday, April 19, 2012



 **ARKANSAS**
A natural for business

Three Primary Components:

- **Commercial**
 - ASHRAE 90.1-2007 (Effective January 1, 2013)
 - Updated January 2011
- **Residential**
 - IECC 2003-revising to 2009 IECC
- **Supplements and Amendments**

Proposed Residential Energy Standard



International Energy Conservation Code (IECC) 2009

Some key differences from IECC 2003:

- Mandatory duct pressure testing, maximum leakage rates
- Requirement that 50% of lamps must be energy efficient
- Consolidation of zones
- Improvements to basic envelope requirements
- Includes optional blower door, building pressure test
- High Efficiency equipment/insulation tradeoffs

Energy Efficiency Financing



- Evaluating a potential Residential/Small Commercial Energy Efficient Upgrade Loan Program.
- Potential Funding Source Qualified Energy Conservation Bond (QECCB): QECCBs are one of the lowest cost public financing tools -Issued by the Department of Treasury.
- QECCBs are designed to fund many types of energy conservation projects.

Energy Efficiency Financing



- AEO and ADFA are working together to explore programs and projects to utilize QECB funding.
- Currently there are not any reasonable financing options available to residents
- Offer low interest – extended terms-energy expense savings will offset finance payments
- **Outcomes:**
 1. Lower energy demand from suppliers (utilities)
 2. Highly favorable State sponsored program
 3. Model for utilities and co-ops to adopt
 4. Improvement to Arkansans quality of life

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Economic Development Commission

ENERGY OFFICE