



AGENDA

1. Energy Code
2. SystemVision
3. Energy Star Version 3.0
 - a. HVAC Quality Assured Professional
4. Green Programs

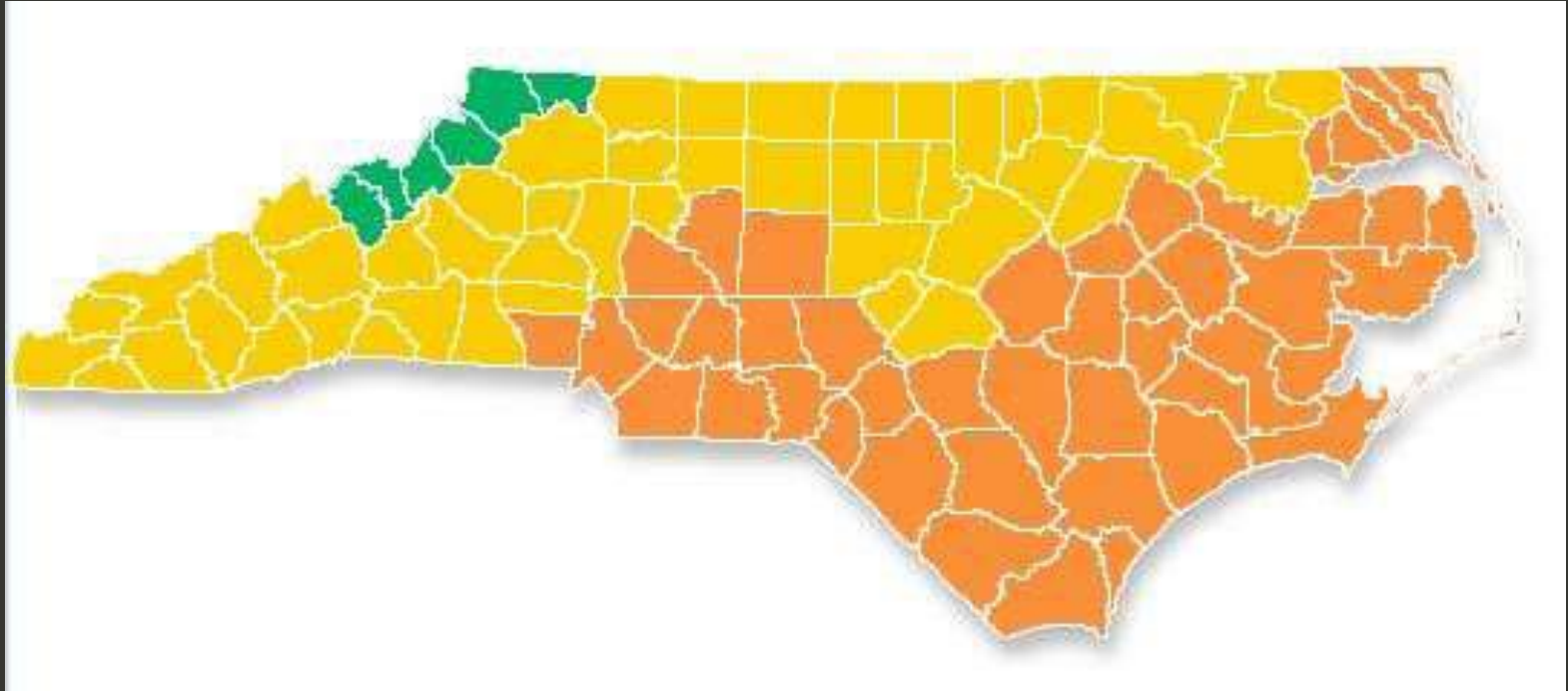
NORTH CAROLINA ENERGY CONSERVATION CODE

- All homes permitted in 2012
- Department of Insurance – up to local code inspectors for 2012

NORTH CAROLINA ENERGY CONSERVATION CODE

1. Base Insulation Levels or Simulated Performance
2. Duct Blaster
3. Blower Door or Air Barrier Visual Inspection
4. Furnace- Programmable Thermostat
5. Heat Pump- Outdoor Thermostat
6. Steel Framing

CLIMATE ZONES



NORTH CAROLINA ENERGY CONSERVATION CODE

1. Climate Zone 4- R-15 or 13 + 2.5c
2. Furnace- Programmable Thermostat
3. Posting Test Results/Insulation Values



www.systemvision.org



The logo for SystemVision by Advanced Energy. It features the word "SystemVision" in a bold, italicized sans-serif font, with "System" in black and "Vision" in a lighter grey. Below it, the words "by Advanced Energy" are written in a smaller, italicized sans-serif font. A stylized yellow and orange swoosh graphic arches over the text.

SystemVisionTM
by Advanced Energy

No Energy Star Version 3.0 Certification

Project: Pitt Co. HFH (All)

Modified: 12/29/2008 07:00PM
 Modified By: System

Program: [NC Single-Family SystemVision](#)

Sponsor: [NC Housing Finance Agency](#)

Developer: [Pitt Co. HFH](#)

[Project Overview](#) | [House List](#) | [Plan List](#) | [Guarantees & Energy Star](#)

[+ Add House](#)

Lot Number Street

Houses in Progress

Lot Number	Street Address	City	State	ZIP	Builder GC	Builder Contact	Inspection Type	Inspection Status	Inspection Date	
	3499 S Barrett St	Farmville	NC	27828	Pitt Co. HFH	Will Pack	Final	Fail	2012-03-21	
	S Barrett St	Farmville	NC	27828	Pitt Co. HFH	Will Pack	Framing	PWI	2012-04-27	

Houses Passed Final

Lot Number	Street Address	City	State	ZIP	Builder GC	Builder Contact	Inspection Type	Inspection Status	Inspection Date	
	610 Ford Street	Greenville	NC	27835	Pitt Co. HFH	Andy Brown	Final	Pass	2008-06-24	
	612 Ford Street	Greenville	NC	27835	Pitt Co. HFH	Andy Brown	Final	Pass	2007-10-18	
	442 Burrington Road	Greenville	NC	27834	Pitt Co. HFH	Andy Brown	Final	Pass	2008-01-09	
	452 Burrington Rd	Greenville	NC	27834	Pitt Co. HFH	Andy Brown	Final	PWI	2008-11-03	
	454 Burrington Road	Greenville	NC	27835	Pitt Co. HFH	Andy Brown	Final	Pass	2008-11-17	
	724 Birch Rd	Grifton	NC	28530	Pitt Co. HFH	Andy Brown	Final	Pass	2009-04-29	
	620 Ford St	Greenville	NC	27835	Pitt Co. HFH	Andy Brown	Final	Pass	2009-06-25	
	2430 Grimes St	Winterville	NC	28590	Pitt Co. HFH	Andy Brown	Final	Pass	2009-12-18	
	3029 Lessie Mae Ln	Farmville	NC	27828	Pitt Co. HFH	Andy Brown	Final	Pass	2010-05-06	
	386 Main Street	Winterville	NC	28590	Pitt Co. HFH	Andy Brown	Final	Pass	2011-06-27	
	3321 Dickinson Ave	Greenville	NC	27834	Pitt Co. HFH	Andy Brown	Final	PWI	2010-09-23	
	442 Cattail Court	Greenville	NC	27834	Pitt Co. HFH	Andy Brown	Final	Pass	2010-12-14	
	4358 Wallace St	Farmville	NC	27828	Pitt Co. HFH	Andy Brown	Final	Pass	2011-03-22	
	231 Allendale Dr	Greenville	NC	27834	Pitt Co. HFH	Will Pack	Final	Pass	2011-11-16	

Houses Ineligible

Lot Number	Street Address	City	State	ZIP	Builder GC	Builder Contact	Inspection Type	Inspection Status	Inspection Date	
	406 Latham St	Greenville	NC	27834	Pitt Co. HFH	Andy Brown	Insulation	PWI	2009-08-25	



VERSION 3.0

Permit Date ²	Date of Final Inspection ¹		
	4/1/2011	1/1/2012	7/1/2012
Before 4/1/2011 ^{3, 4}	v2	v2.5	v3
Between 4/1/2011 and 12/31/2011 ⁴		v2.5	v3
On or after 1/1/2012 ⁵		v3	

Version 2	Version 2: 2006 Guidelines
Version 2.5	Version 2.5: Core Version 3 energy efficiency measures with Air Barriers and Air Sealing sections of Thermal Enclosure System Rater Checklist; Other checklists completed but not enforced
Version 3	Version 3: Core Version 3 energy efficiency measures with all checklists completed and enforced



VERSION 3.0

3. All low-income projects financed through low-income housing agencies may earn the ENERGY STAR under the last iteration of the guidelines, Version 2, until January 1, 2013 as long as the application for funding for those homes was received by the low-income housing agency before April 1, 2011 and the housing project includes at least one unit reserved for low-income tenants. If the application for funding is received between April 1, 2011 and December 31, 2011, then the homes must earn the ENERGY STAR under the Version 2.5 guidelines if completed before July 1, 2012, and under the Version 3 guidelines if completed on or after July 1, 2012. If the application for funding is received on or after January 1, 2012 then the homes must earn the ENERGY STAR under the Version 3 guidelines.



VERSION 3.0

1. 4 checklists instead of 1 checklist
2. Builder and HVAC must attend training
3. HVAC contractor must be certified
4. Major changes are to HVAC system and testing



VERSION 3.0

Thermal Enclosure Rater Checklist (TERC)	<ul style="list-style-type: none">• <i>SystemVision</i> includes all requirements
HVAC Systems Checklist (HVAC Contractor and Rater)	<ul style="list-style-type: none">• <i>SystemVision</i> includes some requirements
Water Management Checklist	<ul style="list-style-type: none">• <i>SystemVision</i> does not include requirements



Approved by EPA to be an HVAC Quality
Installation Oversight Organization for
Energy Star

<http://www.advancedenergy.org/qap/>

Green Program Updates

- NC Healthy Built will now be renamed NC Green Built
 - Still accept SystemVision in place of Energy Star Version 3.0
 - Maggie Leslie- Western Green Building Council

QUESTIONS?

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