TAC & Commission Tracking Chart

2010 Triennial Original Modification 3/1/2010 - 4/2/2010 **Code Change Cycle:**

TAC: Energy **Total Mods for this TAC:** 65

SubCode: **Energy Conservation**

403.6.1.1

4-Residential Energy Efficiency

Comment

Comment

Comment

Chapter Section Mod# Proponent Summary **Approved as Modified** 403.2.2.1, 4460 Paul Savage Requires certain equipment sizing and duct sealing requirements upon total replacement of the condensing and

evaporator units of residential HVAC systems. The modification is the consensus language developed by the 2010

Florida Energy Code Workgroup.

Mod# Proponent Chapter Section Summary Approved as Modified

4078 Jennifer Hatfield This proposal adds Florida specific energy efficiency language for pool heaters, residential filtration pumps and 403.9

motors, and portable spas per the legislative directive in the 2008 energy bill (HB 7135). It also makes necessary

clarifications under the cover section.

Chapter Section Mod # **Proponent** Summary Approved as Modified 405.3

3945 Eric Lacey This proposal adds clarity by repeating the most crucial element of the performance option – the 0.80 adjustment

factor - in both Section 405 and Normative Appendix B.

TAC Recommendations

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TAC & Commission Tracking Chart

TAC: Energy		Tota	Mods for this TAC:	65
<u>Chapter</u> 4 <u>Comment</u>	<u>Section</u> 405.4.1	Mod # 4462	<u>Proponent</u> Jack Glenn	Summary Approved as Modified This modification reinstates original IECC language.
5-Commercial Chapter 5 Comment	l Enerav Efficie <u>Section</u> 504.7	encv <u>Mod #</u> 4415	<u>Proponent</u> Jennifer Hatfield	Summary Approved as Modified This proposal removes new s. 504.7.4 that would require energy efficiency pool pump and pump motor requirements for commercial pools. The intent of the legislative directive was for these requirements to only apply for residential pools and spas. They are not feasible in commercial applications.
<u>Chapter</u> 5 <u>Comment</u>	Section 506	Mod # 4300	Proponent Jeff Sonne	Summary Reduce heating and cooling roof heat flux rates by 45% for vegetative roofs in commercial whole building performance code compliance calculations.
6-Referenced Chapter 6 Comment	Standards Section AHRI	Mod # 3865	Proponent Ann Stanton	Summary Update to AHRI 340/360-2004. Approved as Modified

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TAC & Commission Tracking Chart

TAC: Energy

Chapter Section Referenced A062 Robert Volin Standards

Total Mods for this TAC: 65

Summary Referenced Manual in code

Standards

Approved as Modified Referenced Manual in code

7-Appendix A

<u>Chapter</u> <u>Section</u> <u>Mod #</u> <u>Proponent</u> <u>Summary</u> Approved as Modified

Appendix A 3642 Jon Hamrick Corrects jurisdiction names and college names in Florida Energy Conservation Code, Appendix A, Jurisdictional Data

Comment

SubCode: Energy Conservation

1-Administration

<u>Chapter Section</u> <u>Mod # Proponent Summary</u> Approved as Submitted

101.4.10 3848 Ann Stanton Allow code official to determine limited/special use building application.

Comment

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TAC & Commission Tracking Chart

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TAC: Energy		<u>Total</u>	Mods for this TAC:	65	
<u>Chapter</u> 1	<u>Section</u> 101.4.3	Mod # 3731	Proponent Ann Stanton	<u>Summary</u> Clarify that the exceptions apply where buildings are not exempt from compliance with the code.	
Comment					
Chapter	Section	Mod #	Proponent	Summary Approved as Submitted	_
1 <u>Comment</u>	102.1	3850	Ann Stanton	Provide criteria by which code officials may determine code compliance by alternate materials and methods.	
					_
2-Definitions	<u>Section</u>	<u>Mod #</u>	Proponent	Summary Approved as Submitted	
2	202	4412	Ann Stanton	Add lighting-related definitions per ASHRAE 90.1 Addenda aa.	
<u>Comment</u>					
4-Residential					
<u>Chapter</u> 4	<u>Section</u> 405.6.6	Mod # 4378	<u>Proponent</u> John Borzoni	Summary Approved as Submitted Replace Florida standard FL1 with AHRI Standard 470; and return the net useful heat exchange effect to the 2004	
Comment				Code level 0f 50%.	

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TAC & Commission Tracking Chart

TAC: Energy		<u>Total I</u>	Mods for this TAC:	5	
Chapter 4 Comment	Section 405	Mod # 4249	<u>Proponent</u> Jeff Sonne	Summary Make a modification to the EnergyGauge USA FlaRes residential energy proper window overhang entry and as a result provide more accurate	
5-Commercial Chapter 5 Comment	Energy Efficie Section 502.2.1.1	e ncv <u>Mod #</u> 4267	Proponent Amy Schmidt	<u>Summary</u> Modifiying requirements to coincide with new tables.	Approved as Submitted
Chapter 5 Comment	Section 502	Mod # 4059	Proponent Mangesh Basarkar	Summary Modify shell building efficiency requirements in view of return on inve	Approved as Submitted stment
<u>Chapter</u> 5 <u>Comment</u>	<u>Section</u> 503.2.1	Mod # 4056	Proponent Robert Volin	Summary Oversight, Reference to ACCA Manual N was left out	Approved as Submitted

TAC Recommendations

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TAC & Commission Tracking Chart

TAC: Energy		Total	Mods for this TAC:	65
Chapter 5 Comment	<u>Section</u> 503.2.3(3)	Mod # 3736	<u>Proponent</u> Ann Stanton	Summary Update minimum efficiencies for single packaged vertical air conditioners and heat pumps to the efficiencies required by Addendum b to ASHRAE 90.1-2004.
Chapter 5 Comment	<u>Section</u> 503.2.3(5)	<u>Mod #</u> 4057	Proponent Ann Stanton	Summary Approved as Submitted Update efficiency requirements for gas- and oil-fired boilers to Addenda an to ASHRAE 90.1-2004.
Chapter 5 Comment	<u>Section</u> 503.2.3	<u>Mod #</u> 4084	Proponent Ann Stanton	Summary Corrects treatment of "small duct high velocity" and Space constrained products and corrects the title of Table 503.2.3(2).
Chapter 5 Comment	<u>Section</u> 503.2.7.2	Mod # 3712	Proponent Ann Stanton	Summary Revise Table 503.2.7.2, Duct system construction and sealing, to include updates to the mechanical provisions of the Mechanical code and Residential code from the 2009 I-codes. Resolve oversights of Florida-specific reqts, formatting issues.

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TAC & Commission Tracking Chart

TAC: Energy		Total	Mods for this TAC:	65
<u>Chapter</u> 5 <u>Comment</u>	<u>Section</u> 504.8	<u>Mod #</u> 3851	<u>Proponent</u> Ann Stanton	Summary Approved as Submitted Add Florida-specific water flow control requirements from Florida code into IECC base.
<u>Chapter</u> 5 <u>Comment</u>	<u>Section</u> 505.5.3	Mod # 4426	Proponent Ann Stanton	Summary Add footnotes to Table 505.5.3 from Table 5.5.2 of the IECC.
<u>Chapter</u> 5 <u>Comment</u>	<u>Section</u> 505.5	<u>Mod #</u> 4265	Proponent Ann Stanton	Summary Correct section formatting to clarify that the Total connected interior lighting power and Interior lighting Power are general criteria while sec. 505.5.1 applies to shell buildings, renovations and alterations.
6-Reference Chapter 6 Comment	d Standards Section AHAM	<u>Mod #</u> 3674	Proponent Ann Stanton	Summary Approved as Submitted Add standard for room air conditioners and room air conditioner heat pump requirements to Standards chapter.

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TAC & Commission Tracking Chart

TAC: Energy		<u>Total</u>	Mods for this TAC:	65
<u>Chapter</u> 6 <u>Comment</u>	<u>Section</u> ASHRAE	<u>Mod #</u> 3846	<u>Proponent</u> Ann Stanton	Summary Update to most recent standard. Approved as Submitted
<u>Chapter</u> 6 <u>Comment</u>	Section ASTM	Mod # 4442	Proponent Ann Stanton	Approved as Submitted Add standards into the code previously contained in the Florida energy code to reference insulation installation and thermal property testing standards.
<u>Chapter</u> 6 <u>Comment</u>	Section CTI	<u>Mod #</u> 3676	Proponent Ann Stanton	Approved as Submitted Add standard for heat rejection equipment back into the code that were not included in the IECC.
<u>Chapter</u> 6 <u>Comment</u>	Section n/a	Mod # 3929	<u>Proponent</u> Roger LeBrun	Summary 1. Update NFRC Standard referenced numbers. 2. Correct WDMA address Approved as Submitted

8-Appendix B

AS = Approved as Submitted	W = Withdrawn
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TAC & Commission Tracking Chart

TAC: Energy		<u>Total N</u>	Mods for this TAC:	5	
Chapter 8 Comment	<u>Section</u> B-1.1.2(1)	Mod # 3643	Proponent Jeff Sonne	Summary Update internal gains equation for standard reference design home.	Approved as Submitted
Chapter 8 Comment	Section B-1.1.2(2)	Mod # 4181	Proponent Jeff Sonne	Summary Include multiple space heating and cooling fuel types in section 405 s code compliance calculations.	Approved as Submitted simulated energy performance residential energy
Chapter 8 Comment	Section B-2.6.1	Mod # 4429	Proponent Ann Stanton	Summary Add alternative to Table B-2.6.1 regarding VAV with reheat to be cons	Approved as Submitted sistent with Addenda am to ASHRAE 90.1-04.

SubCode: Energy Conservation

1-Administration

TAC Recommendations

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TAC & Commission Tracking Chart

TAC: Energy		Total M	Mods for this TAC: 65		
<u>Chapter</u> 1 <u>Comment</u>	<u>Section</u> 101.2	Mod # 3709	Proponent Darrell Winters	Summary Jurisdictions should be allowed to adopt a more stringent code but no	No Affirmative Recommendation with a Second of a less stringent one.
Chapter 1 Comment	<u>Section</u> 101.4.10	Mod # 4237	Proponent WILLIAM KALKER	Summary PROPOSED CHANGE IN THERMAL ENVELOPE REQUIREMENTS	No Affirmative Recommendation with a Second S FOR SPECIAL USE STRUCTURES
2-Definitions Chapter 2 Comment	Section 202	Mod # 3711	Proponent Darrell Winters	<u>Summary</u> Modifies the definition of "Space Permitting - Insulation."	No Affirmative Recommendation with a Second
4-Residential Chapter 4 Comment	Enerav Efficie Section 402.1.1 and 402.1.3	ncv <u>Mod #</u> 3955	Proponent Eric Lacey	Summary This code proposal improves thermal envelope efficiency by increasin consistent with U.S. DOE and FSEC recommendations.	No Affirmative Recommendation with a Second ng the ceiling insulation requirement to R-38,

TAC Recommendations

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TAC & Commission Tracking Chart

TAC: Energy		<u>Tota</u>	Mods for this TAC:	65
Chapter 4 Comment	Section 402.1.1 and 402.1.3	<u>Mod #</u> 3958	Proponent Eric Lacey	Summary No Affirmative Recommendation with a Second This proposal saves energy by improving the fenestration and skylight U-factors, consistent with proposals approved by the IECC Code Development Committee for inclusion in the 2012 IECC.
Chapter 4 Comment	<u>Section</u> 402.1.1.3	<u>Mod #</u> 4464	<u>Proponent</u> Jack Glenn	Summary No Affirmative Recommendation with a Second Clarifies that two options are available to meet the air duct tightness requirements
Chapter 4 Comment	<u>Section</u> 403.2.1	Mod # 3713	Proponent Darrell Winters	Summary Requires R-2 insulation on ducts in conditioned space. No Affirmative Recommendation with a Second
Chapter 4 Comment	<u>Section</u> 403.6.2.1.1	<u>Mod #</u> 4121	Proponent roger cummins	Summary No Affirmative Recommendation with a Second The DOE is expanding it's verification of efficiency ratings and increasing it's enforcement in this area. Meeting their requirements, therefore, should be acceptable for the State of Florida.

TAC Recommendations

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TAC & Commission Tracking Chart

TAC: Energy		<u>Total</u>	Mods for this TAC:	65
<u>Chapter</u> 4 <u>Comment</u>	<u>Section</u> 403.9.3	Mod # 4271	<u>Proponent</u> Jennifer Hatfield	Summary No Affirmative Recommendation with a Second This proposal removes the cover requirements for pools and spas and clarifies that the R-12 insulation requirement for covers is only required for portable spas (hot tubs). The current requirements are unenforceable and pose serious safety hazards.
<u>Chapter</u> 4 <u>Comment</u>	<u>Section</u> 405.2.1	Mod # 3715	Proponent Darrell Winters	Summary Maintains more adequate insulation levels in ceilings. No Affirmative Recommendation with a Second
Chapter 4 Comment	Section 405.2	Mod # 3953	Proponent Eric Lacey	Summary No Affirmative Recommendation with a Second This proposal removes an exception from the mandatory minimum R-19 ceiling insulation requirement, ensuring a reasonable level of efficiency, regardless of the type of ceiling construction selected by the builder or design professional.
5-Commercia <u>Chapter</u> 5 <u>Comment</u>	l Enerav Effic Section 502.1.1.1	iencv <u>Mod #</u> 3573	Proponent Michael Nau	Summary No Affirmative Recommendation with a Second Reinstate the IECC 2009 Table 502.3 with an overall 20% reduction in heat transfer in lieu of fenestration values contained in 502.1.1.1 (1) & part (2).

TAC Recommendations

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TAC & Commission Tracking Chart

TAC: Energy		<u>Total</u>	Mods for this TAC: 6	5	
<u>Chapter</u> 5 <u>Comment</u>	<u>Section</u> 502.1.1.1	Mod # 4240	<u>Proponent</u> WILLIAM KALKER	Summary PROPOSED CHANGE IN THERMAL ENVELOPE REQUIREMENT	No Affirmative Recommendation with a Second 'S FOR SPECIAL USE STRUCTURES
<u>Chapter</u> 5 <u>Comment</u>	<u>Section</u> 502.1.1	Mod # 4286	Proponent Amy Schmidt	Summary Adding perscriptive insulation and fenestration requirements for Nev	No Affirmative Recommendation with a Second w Construction.
<u>Chapter</u> 5 <u>Comment</u>	<u>Section</u> 502.2.5.1.1	<u>Mod #</u> 3926	<u>Proponent</u> Roger LeBrun	Summary Allow for higher percentage of skylight area when automatic multi-le	No Affirmative Recommendation with a Second evel lighting controls are utilized.
Chapter 5 Comment	<u>Section</u> 503.2.3	Mod # 4115	Proponent roger cummins	Summary The DOE is expanding it's verification of efficiency ratings and incre requirements, therefore, should be acceptable for the State of Florio	

TAC Recommendations

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TAC & Commission Tracking Chart

AC: Energy		<u>Total</u>	Mods for this TAC:	65
<u>Chapter</u> 5 <u>Comment</u>	<u>Section</u> 503.2.8	Mod # 3720	Proponent Darrell Winters	Summary No Affirmative Recommendation with a Second Eliminate proposed new Table 503.2.8 and use original Table 503.2.8 in IECC.
Chapter 5 Comment	<u>Section</u> 504.7.3	Mod # 4410	Proponent Jennifer Hatfield	Summary No Affirmative Recommendation with a Second This proposal removes the cover requirements for pools & amp; spas and clarifies that the R-12 insulation requirement for covers is only required for portable spas. The current requirements pose serious safety hazards and may not be enforceable or realistic in certain commercial applications.
Chapter 5 Comment	<u>Section</u> 506.2.1	Mod # 4299	Proponent Amy Schmidt	Summary Deletes requirements in Section 506.2.1 that are to be covered by proposed section 502.1.1.2.
<u>Chapter</u> 5 <u>Comment</u>	<u>Section</u> 506.2.1	<u>Mod #</u> 4408	Proponent Jeff Mang	Summary No Affirmative Recommendation with a Second Increase the mandatory roof R-value under section 506.2.1 from R-10 to R-17.

TAC Recommendations

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TAC & Commission Tracking Chart

TAC: Energy		Total	Mods for this TAC:	65
<u>Chapter</u> 5 <u>Comment</u>	<u>Section</u> 506.2.1	Mod # 4413	<u>Proponent</u> Jeff Mang	Summary Remove the "space permitting" exception to the mandatory roof R-value for multiple-family residential roofs under section 506.2.1.
<u>Chapter</u> 5 <u>Comment</u>	Section 506.2	Mod # 3954	Proponent Eric Lacey	Summary No Affirmative Recommendation with a Second This proposal removes an exception from the mandatory minimum R-19 ceiling insulation requirement, ensuring a reasonable level of efficiency, regardless of the type of ceiling construction selected by the builder or design professional.
8-Appendix B Chapter 8 Comment	<u>Section</u> B-1.1.2(1)	Mod # 3951	Proponent Eric Lacey	Summary No Affirmative Recommendation with a Second This proposal removes the HVAC efficiency from the performance path calculation, consistent with the 2009 IECC. It will save a significant amount of energy over the lifetime of the home.

<u>SubCode:</u> Energy Conservation

4-Residential Energy Efficiency

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TAC & Commission Tracking Chart

TAC: Energy		<u>Tota</u>	I Mods for this TAC:	65	
Chapter 4 Comment	Section 405.6 (Appendix B)	Mod # 4461	<u>Proponent</u> Jack Glenn	Summary This modification introduces the option for approved computing s	Withdrawn oftware energy compliance
5-Commercia Chapter 5 Comment	al Energy Effic Section 502.1.1.1 (1)	iencv <u>Mod #</u> 4324	<u>Proponent</u> Amanda Hickman	<u>Summary</u> Changes to SHGC and U-factor in TABLE 502.1.1.1 (1)	Withdrawn
<u>Chapter</u> 5 <u>Comment</u>	<u>Section</u> 502.1.1.1 (2)	Mod # 4325	Proponent Amanda Hickman	<u>Summary</u> Revision to SHGC and U-factor values in TABLE 502.1.1.1 (2)	Withdrawn

<u>SubCode:</u> Existing Building

3-Prescriptive Compliance Method

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TAC & Commission Tracking Chart

TAC: Energy	TAC: Energy Total Mods for this TAC:		Mods for this TAC:	65		
<u>Chapter</u> 3 Comment	Section 311	Mod # 4025	<u>Proponent</u> Jack Glenn	<u>Summary</u> Change reference to new volume of the code.	Withdrawn	
<u>gommon.</u>						
6-Alterations Chapter 6 Comment	Level 1 Section 612.1	<u>Mod #</u> 4026	<u>Proponent</u> Jack Glenn	<u>Summary</u> Editorial to correct a code reference.	Withdrawn	
7-Alterations Chapter 7 Comment	Level 2 Section 711.1	Mod # 4027	<u>Proponent</u> Jack Glenn	Summary Editorial to correct a code reference.	Withdrawn	

8-Alterations Level 3

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TAC & Commission Tracking Chart

TAC: Energy Total Mods for this TAC		Mods for this TAC: 65	65		
<u>Chapter</u> 8 <u>Comment</u>	<u>Section</u> 808.1	Mod # 4028	<u>Proponent</u> Jack Glenn	Summary Editorial to correct a code reference.	Withdrawn
9-Change of C Chapter 9 Comment	Occupancy Section 913	Mod # 4029	Proponent Jack Glenn	Summary Editorial to correct a code reference.	Withdrawn
10-Additions Chapter 10 Comment	<u>Section</u> 1006.1	Mod # 4030	Proponent Jack Glenn	Summary Editorial to correct a code reference.	Withdrawn

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TAC & Commission Tracking Chart

Search Criteria

ALL **Code Version:** 2010 Modification #: **Code Change Cycle:** ALL Sub Code: ALL Chapter & Topic: ALL Section: ALL **Date Submitted From:** ALL Date Submitted To: ALL TAC: ALL TAC Recommendation: ALL ALL **Commission Action: Proponent Last Name:** ALL **Proponent First Name:** ALL **Text of Modification:** ALL **Related Modifications:** ALL ALL Affects HVHZ:

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