



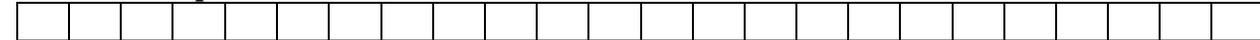
**3. 2010 Commission Effectiveness Assessment Survey**

*Schedule:*

Discussion of survey instrument at Commission meeting 2/10  
 Review results at meeting 4/10

*Status: Pending*

*% Complete*



0 %

*Origination: Commission. Annual task.*

**25. Investigate a Consistent Definition of “Bedroom” for Department of Health On-site Septic System Sizing Regulations**

*Schedule:*

Appoint a Commission Ad Hoc committee 3/19/08  
 DOH appoint members to work with Commission Ad Hoc committee 3/08-4/08  
 Task group meetings 5/7/08  
 10/15/08  
 4/7/09  
 DOH TRAP meets Summer 09  
 Report to Commission and DOH 10/09  
 Additional consideration by TRAP 1/10

*Status: In Progress*

*% Complete*



88%

*Origination: The initiative to develop consistency between building department and health department judgments of the number of bedrooms in a home as it applies to onsite sewage treatment system sizing was suggested by Commissioner Browdy for two legislative sessions and the joint project with Department of Health was established by mutual agreement during the 2007 Legislative Session.*

**30. Develop Criteria for Evaluation Entity Approval and Adopt by Rule or Develop Recommendation for 2009 Legislature for Entities to be Recognized in Law**

**Schedule:**

Product Approval POC considers at meetings	8/08-12/08
Recommendation to Commission for vote	12/10/08
Option 1: <b>Selected</b>	
Recommend adding entities to list in law	
Commission includes in report to Legislature (See Task 36)	2/09

**Status:** *Completed – Commission recommendation was in bill that died*

**% Complete**



Commission decides to implement option 2	6/9/09
Option 2: Recognize IAPMO by Rule	
Rule Development Workshop by conference call	7/20/09
Rule Adoption Hearing by conference call	9/09
Rule effective	10/09

**Origination:** *The 2008 Legislature directed the Commission to review the list of Product Evaluation Entities currently identified in law and either recommend modifications to the list or establish criteria for approval of additional entities by rule and report on those criteria to the 2009 Legislature.*

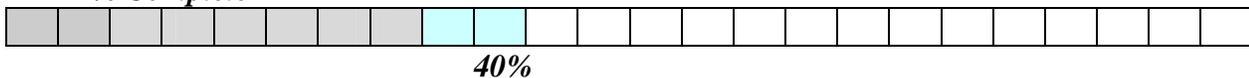
**33. Evaluate Swimming Pool Entrapment Standards Application to Existing Pools**

**Schedule:**

Appoint Subcommittee to the Plumbing TAC	4/8/09
Workgroup meetings	6/8/09
	8/12/09
Declaratory Statement request to clarify current code	12/09
Commission considers any legislative recommendation	12/09

**Status:** *Pending*

**% Complete**



**Origination:** *Plumbing TAC recommendation approved by Commission June 2008. Proposed*

by Spa and Pool association.

**43. Coordination with Florida Department of Health on Accessible Restroom Requirements in Public Pool Licensing Regulations**

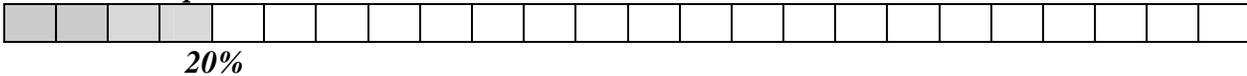
**Project Deferred to 2010 FBC Development Process**

*Schedule:*

Staff Meetings	2/10
DOH submits proposed rule changes	4/10
2010 FBC development proceeding (see schedule)	

*Status: Pending*

*% Complete*



*Origination: Commissioner Norkunas' recommendation to the Commission approved at the June 2008 meeting.*

**50. Evaluation of Standards to Address Corrosive Gypsum Board Outgassing**

*Schedule:*

DOH led Committee appointed	2/09
Meetings	4/09-9/09

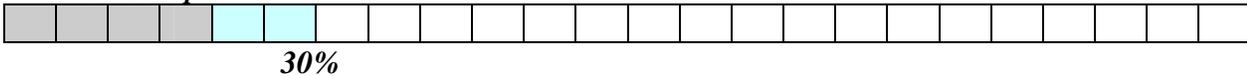
**Note: DOH project discontinued no directive to the Commission for action. Defer to the 2010 FBC development.**

Recommendation to Commission

DOH rule amendment and 2010 FBC submitted by **(DOH preliminary determination is no health hazard so no rule will be pursued for now.)**

*Status: Pending*

*% Complete*



*Origination: State Incident Action Plan assignment resulting from the state emergency management mobilization to address "Chinese Drywall".*

## 2010 FBC UPDATE DEVELOPMENT TASKS

### Code Assembly Process

#### 22. Evaluate and Adopt the Development Process for the 2010 Florida Building Code

**Schedule:**

Chairman appoints a study committee	1/08
Committee meets to review and develop recommendation on 2010 FBC compilation approach	12/10/08
Committee expanded to consider code development proceedings and schedule and declaratory statements process	4/7/09
Committee meetings	6/8/09
Commission conducts public hearing and adopts plan	10/09

**Status:**        *Pending*

**% Complete**



**Origination:**    *Chairman and Staff planning for the 2010 FBC development.*

### Hurricane Protection Requirements

#### 9. Load Side - Wind Pressure Research

**Schedule:**

Commission approved redirection of WBD project Phase II	3/07
Amend contract with UF/ARA	4/07
Contract for Phase III	9/07
Progress reporting	9/30/07
	12/10/07
	1/30/08
Report on Phase III    ( <i>Note: August 2008 mtng canceled due to TS Fay</i> )	10/08 & 12/08
Continued support of hurricane wind testing	indefinite

**Status:**        *Substantially Complete*

**% Complete**



**Origination:**    *Hurricane Research Advisory Committee identified design pressure*

*requirement errors while conducting wind tunnel testing for the Panhandle wind-borne debris projected directed by the Legislature. Subsequent research was conducted to provide the base of improved roof edge design pressure requirements.*

**10. Resistance Side – Component and Cladding & MWFRS Research**

**Schedule:**

Legislature appropriates funding	5/07
Contract with UF to conduct research (Includes post hurricane building damage assessment survey contingency)	9/07
HRAC develops research priority list	1/08
Report on Phase III	10/08 & 12/08
Contract extension for additional testing	1/09
Reporting	4/09
Reporting at HRAC	10/09
Continued support of window/wall, soffit and other building component testing	indefinite

**Status:** *In Progress*

**% Complete**



**Origination:** *Hurricane Research Advisory Committee identified building failures in 2004 and 2005 hurricanes, recommended quick-fixes for some and identified areas needing further research before standards are established. The Commission sought funding and research work was initiated in 2007.*

**24. Evaluate Hurricane Wind Pressure and Wind Driven Rain Criteria for Soffit Systems and Establish Labeling Requirements**

**Schedule:**

Appoint workgroup	3/19/08
Include task in UF components and cladding contract	3/08
Workgroup meetings	11/6/08
	2/4/09
	4/8/09
	7/09-9/09
Recommendations ready to propose for 2010 FBC	2/10
Report to Structural TAC and Commission	2/10/09
Additional requirements pursued through 2010 FBC development proceeding	

**Status:** Pending

**% Complete**



**Origination:** *Soffit manufacturers requested formation of a work group to develop label requirements similar to the Commission’s action for windows, shutters and garage doors then expanded the request to include developing installation requirements. Investigation of performance and development of the basis for installation requirements is one of the elements of the components and cladding research being conducted under Task 10.*

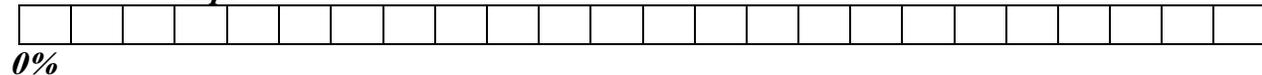
**31. Develop Criteria for Use of Gravel Roof Systems**

**Schedule:** **RECOMMEND DELAY DUE TO BUDGET CONSTRAINTS**

<del>Appoint Workgroup</del>	<del>2/09</del>
<del>Workgroup meetings</del>	<del>4/09</del>
	<del>6/09</del>
	<del>8/09</del>
<del>Recommendations for 2010 FBC for Commission review</del>	<del>10/09</del>
<del>Proposals for 2010 FBC submitted</del>	<del>12/09</del>

**Status:** Pending

**% Complete**



**Origination:** *During the evaluation of whether gravel roof systems should be prohibited by the 2007 FBC, Task 19, the Florida Roofing and Sheet Metal Association and Commission agreed to retain gravel roof systems and apply the HVHZ criteria throughout the state initially then develop improvements to the*

*systems.*

**38. Evaluate Adoption of Flood Standards in the Florida Building Code**

**Schedule:**

Workgroup appointed	12/08
DEM contract with FSU/CRC	1/09
Workgroup meetings	3/25
	4/29
	5/29
Review companion local ordinance	9/10
Recommendations to Structural TAC & Commission	8/09
Proposals for 2010 FBC submitted for adoption (See 2010 FBC development schedule)	3/10

**Status:** *Pending*

**% Complete**



88%

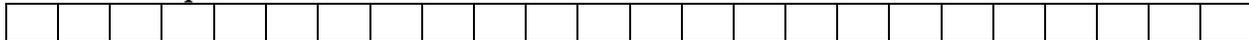
**Origination:** *The Florida Division of Emergency Management and FEMA requested the policy established in 2000 regarding flood requirements adoption outside the building code be reviewed. DEM will provide a grant to fund the project.*

**49. Evaluate Resolution of CCCL and V Zone Requirement Inconsistencies**

**Schedule:** *Future project. Funds are limited in FY 2009-2010.*

**Status:** *Pending Approval of Flood Standards Workgroup Recommendation*

**% Complete**



**Origination:** *The Flood Standards Workgroup's report recommended this issue be addressed by a separate workgroup for resolution.*

**44. Evaluate Storefront and Curtain Wall Glazing Labeling for the 2010 Florida Building Code**

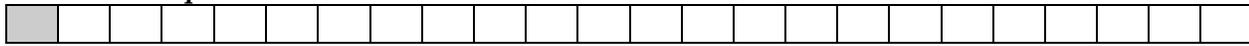
***Schedule:***

Workgroup appointed	2/09
Workgroup meetings	6/15/09
Recommendations to Commission	12/09
Proposals for 2010 FBC submitted for adoption	3/10

(See 2010 FBC development schedule)

***Status: Pending***

***% Complete***



5%

***Origination: Industry request at the December 2008 Commission meeting.***

## Energy Code

The 2008 Legislature established several directions for development of the Florida Energy Code provisions of the 2010 Florida Building Code. The broadest direction is the requirement for 20% increase in efficiency and the other tasks fall under it. Three additional not legislated energy code related tasks are on the work plan also. All tasks must be coordinated for determination of the requirements for the 2010 Code. Consequently, they are organized under the broad task.

### Primary Task -

#### 35. Study Energy Conservation Measures Code Compliance Methods and Develop a Plan for Increased Efficiency Requirements for Future FBC's (HB 697 and HB 7135)

*Origination: The 2008 Legislature directed the Commission to enact specific increase in building energy efficiency requirements in HB 697 (Building Code) and HB 7135 (Energy). This task initiates the study and development of a schedule of increasing requirements, the first of which are to be enacted in the 2010 FBC whose development begins in 2009.*

### Sub-Tasks –

#### 27. Develop Rule for Energy Code Cost Effectiveness Test (HB 687 and HB 7135)

##### *Schedule for Sub-Task 27:*

Appoint Work Group	12/9/08
Work Group/TAC meetings to develop recommendation	2/3/09
	3/5/09
	3/27/09
Rule Development Workshop	4/09
Rule Adoption Hearing	6/09
Notice of Change published	7/3/09
Rule Effective	9/1/09

*Status: Complete*

*% Complete*



**100%**

*Origination: The Commission was directed by the 2008 Florida Legislature in HB 697 and HB 7135 to develop a cost effectiveness test criteria by rule to be applied to justification for increased residential building energy efficiency requirements.*

**39. Study Energy Conservation Measures for Replacement of Air Conditioning Equipment**

*Origination: Recommendation of the Energy TAC resulting from consideration of Energy Code amendment proposals regarding replacement air-conditioning systems at the October 2008 meeting. Approved by the Commission October 15,2008.*

**Schedule:**

Work Group/TAC considers options and develops consensus plan	3/27/09
	4/30/09
	5/28//09
Recommendations to Commission	12/09
Proposals for 2010 FBC submitted for adoption (See 2010 FBC development schedule)	3/10

**Status:** *In progress*

**% Complete**

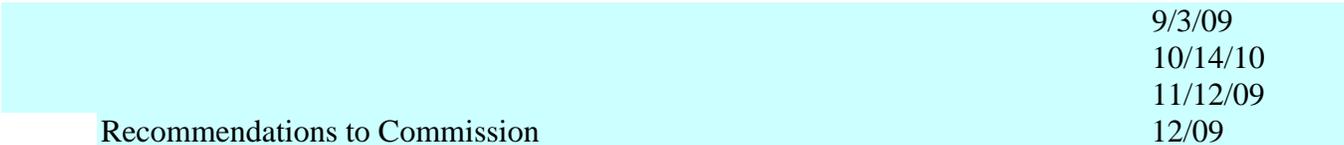


**48. Develop Strategic Plan for Energy Standards Revision Pursuant to s.553.9061, F.S.**

**Subtask 46**

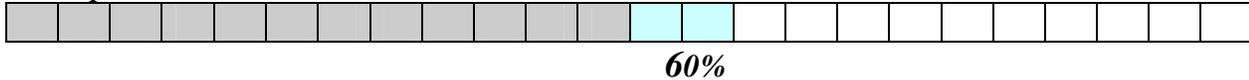
**Schedule:**

Workgroup appointed	12/9/08
Workgroup meetings	4/30/09
	5/28/09
	8/11/09
	9/3/09
	10/14/10
	11/12/09
Recommendations to Commission	12/09



**Status:** *In Progress*

**% Complete**



*Origination: The 2008 Legislature directed the Commission to enact specific increases in building energy efficiency requirements in HB 697 (Building Code) and HB 7135 (Energy). This sub- task initiates the study and development of a schedule.*

**47. Develop Recommendations for 20% Increased Energy Efficiency Requirement for 2010 FBC (HB 697 and HB 7135)**

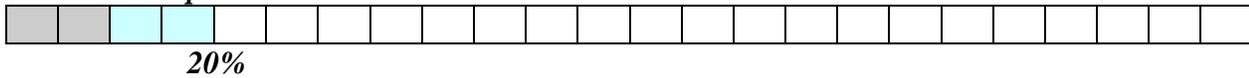
This task integrates the outputs of Task 35 and the Sub-tasks to develop a draft of Energy Code chapters for the 2010 FBC.

**Schedule:**

Workgroup appointed	12/9/08
Commission approves output of Task 27 and adopts requisite Rule	6/9/09
Workgroup recommends strategic plan for Commission approval	10/12/09
Contractor and Workgroup develop draft 2010 Energy chapters	9/09 -12/09
Proposals for 2010 FBC submitted for adoption	3/09

**Status:** Pending

**% Complete**



**Origination:** *In addition to the directives indicated in Task 35 and sub-tasks, the 2008 Legislature amended the building code law to require the IECC be adopted as a foundation code to be amended not less stringent than the Florida Energy Efficiency Code for Building Construction. The building code law requires updating the Code every three years with the 2010 FBC the next edition.*

**42. Identify Specific Building Options to Achieve the Energy Efficiency Improvements (list identified in HB 697 and HB 7135)**

**Schedule:**

To be conducted as part of 2010 FEC recommendations development Task 47

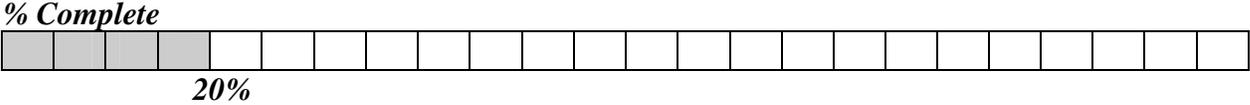
**Origination:** *Energy act of 2008 (HB 7135) directs the Commission to include, as a minimum, certain technologies for achieving enhanced building efficiency targets established by the Act in the Florida Energy Code. The Building Code act of 2008 (HB 697) directs the Commission to facilitate and promote the use of certain renewable energy technologies.*

**26. Investigate Humidity Control Problems for Hot and Humid Climates**

**Schedule:** *In Progress*  
 To be conducted throughout the project

*Origination: The original workgroup recommended not pursuing special ratings for AC equipment used in hot and humid climates and recommended addressing the concerns with matching equipment moisture removal capabilities to building latent and sensible heat loads through the Florida Energy Code. Potential moisture control problems will be a part of the consideration for how to achieve improved building energy efficiencies directed by law.*

**Status:** for Sub-Tasks 42 & 26: *Pending*



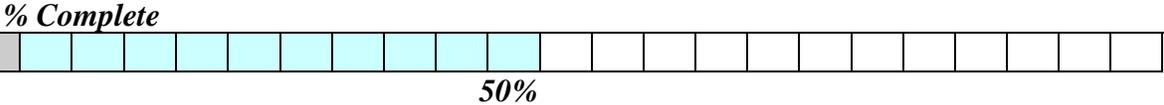
**29. Develop Criteria for Energy Efficient Pool and Spa Systems**

**Subtask 29**

**Schedule:**

Pool Sub-workgroup appointed	4/8/09
Workgroup meetings	6/8/09
	8/12/09
	2/10
Proposals for 2010 FBC submitted for adoption (See 2010 FBC development schedule)	3/10

**Status:** *Pending*



*Origination: Energy act of 2008 (HB 7135) directs adoption of pool pump efficiencies in the 2010 FBC. During discussions with the Florida Spa and Pool Association regarding energy efficiency requirements for pool pumps members suggested improved efficiency could be achieved through criteria for pool hydronic system design.*

**45. Evaluate Requirements for Green Roofs Recognition in Florida Building Code**

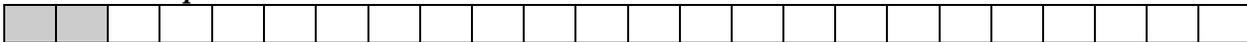
**Subtask 45**

**Schedule:**

Cool Roofs Workgroup appointed	4/8/09
Workgroup meetings	12/09
Recommendations to Commission	12/09
Proposals for 2010 FBC submitted for adoption (See 2010 FBC development schedule)	12/09

**Status: Pending**

**% Complete**



**10%**

*Origination: Energy act of 2008 (HB 7135) directs the Commission to include, as a minimum, certain technologies for achieving enhanced building efficiency targets established by the Act in the Florida Energy Code. Energy efficient roofs are one category. The Building Code act of 2008 (HB 697) directs the Commission to facilitate and promote the use of certain renewable energy technologies. The Roofing TAC requested a special committee to address green roofs at the December 2008 Commission meeting.*

**OTHER ENERGY AND GREEN TECHNOLOGY TASKS**

**Energy**

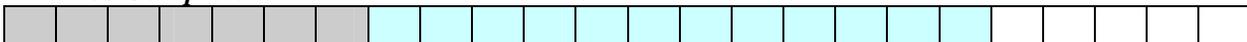
**47. Evaluate Equivalence of 2009 Florida Energy Code Commercial Building Requirements to ASHRAE 90.1-2004 and Certify to the U.S. Department of Energy**

**Schedule:**

Evaluation conducted by staff/contractor	3/09-8/09
TAC considers evaluation report	10/09
Recommendations to Commission	10/13/09
Commission reports to Governor's Office and DOE	10/09

**Status: Pending**

**% Complete**



**75%**

*Origination: This task is required by federal law. Title III of the Energy Conservation and Production Act, as amended, (42 U.S.C. 6833(b)(2)(B)(i)) requires that each state must certify equivalence of its energy code to the edition of ASHRAE 90.1 that the U.S. Department of*

*Energy determines sets the energy efficiency standard for commercial buildings.*

## Green Technologies

Primary Task –

**Water Conservation Initiatives**

Sub-Tasks -

**34. Evaluate Rainwater Collection and Reuse for Process Water and Other “Green” Technologies in Coordination with DOH, Health Officials, DEP and Other Water Management Agencies**

*Origination: Plumbing TAC recommendation approved by Commission June 2008. Also, of special note is the 2008 Energy Act (HB 7153) establishes water conservation policies that parallel energy conservation policies, some of which were assigned to the Commission. The building code law directs the Commission to address new technologies in the codes and the field of “green technologies” is advancing rapidly. Standards essential to the development and recognition of safe products and systems are a responsibility of the Commission.*

*Schedule: **RECOMMEND DELAY DUE TO BUDGET CONSTRAINTS***

**6. Evaluate in-home waste water recycling in coordination with Department of Health and Department of Environmental Protection (Previous Task 14)**

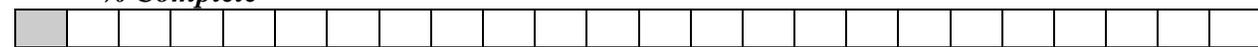
*Origination: This task was originated based on overtures by the Florida Department of Health and Florida Department of Environmental Protection. It was first addressed for the 2007 FBC and resulted in the inclusion of the Florida Department of Health requirements for within home grey water capture and reuse for irrigation outside homes. Reuse inside homes was not completely addressed.*

*Schedule: **RECOMMEND DELAY DUE TO BUDGET CONSTRAINTS***

Appoint Workgroup	2/09
Workgroup meetings	4/09
	6/09
	8/09
Recommendations for 2010 FBC for Commission review	10/09
Proposals for 2010 FBC submitted	12/09

*Status: Pending*

*% Complete*



5%

# ACCESSIBILITY CODE UPDATE

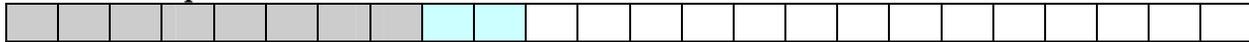
**40. Develop Integration of Florida Accessibility Law into the 2009? Standards for Accessible Design Being Adopted by the US Department of Justice**

***Schedule:***

Appoint work group	12/12/08
Staff Developed Starting Draft	1/09
Meetings	2/2/09
	4/6/09
	6/9/09
	8/10/09
	10/12/09
	12/7/09
Recommendation to Commission	2010
Public Hearings	2010
Commission adopts recommendation to Governor and Legislature	2010
Report to Legislature	2011

***Status: Pending***

***% Complete***



**40%**

***Origination: Recommended by Access TAC and approved by Commission at October 2008 meeting.***

# TASKS COMPLETED IN 2009

## 2007 FBC AND GLITCH AMENDMENT RELATED TASKS

**2. Glitch Amendments to the 2007 Florida Building Code (Previous Task 8.)**

***Schedule:***

2007 Code published online	2/1/08
Printed 2007 Codes available to the public	3/1/08
Glitch amendment submittal DEADLINE	7/15/08
Rule development workshop	10/15/08
Rule adoption hearing	12/10/08
Glitch Rule effective	3/1/09
2007 FBC effective	3/1/09

***Status:***        ***Completed***

***% Complete***



***Origination:***    ***Commission. Triennial task subsequent to FBC Update authorized by statute***

**14. Amend the Florida Energy Code to Require 15% More Efficiency in Buildings (Previous Task 37)**

***Schedule:***

Note: Amendment to achieve Governor Crist’s directive of 15% increased efficiency by January 1, 2009 will be done using procedures of Part VI, chapter 553, F.S. The Energy Code will be amended by administrative rule authorized by that part then the revised Energy Code will be adopted into the 2007 Florida Building Code during the currently scheduled “glitch” cycle.

Evaluation of cost effective building component efficiencies completed (See Task 13)	1/08
Department of Community Affairs recommendations to the Commission	1/08
Commission considers proposed amendments	1/08-2/08
Rule Development Workshop	3/19/08
Rule Adoption Hearing	5/7/08
Supplemental Rule Adoption Hearing	10/15/08
Rule filed	7/08
Adoption into 2007 FBC via “Glitch” cycle (See Task 2)	

Status: **Completed**  
% Complete



100%

*Origination: The Governor directed the Commission to amend the Florida Energy Code to increase requirements for building energy efficiency by 15% in Executive Order 2007-127.*

**17. Develop mitigation techniques for retrofit of existing site-built residential buildings: (Previous Task 27)**

**Schedule:**

Identify techniques for initial adoption	5/07-6/07
Commission initiates rule development for techniques & retrofit mandates	5/09/07
Rule development workshop	6/27/07
Non-rule workshop	8/8/07
Rule adoption hearing	8/22/07
Rule effective	10/10/07
Appoint Workgroup to refine requirements	10/3/07
Workgroup meets to recommend settlement for FRSA rule challenge	10/3/07
Commission holds telephone meeting to consider settlement	1/8/08
Workgroup meetings to refine mitigation techniques for Glitch Cycle	12/13/07
	1/28/08
	3/19/08
	4/18/08
	5/08
Submit for amendment of 2007 FBC during Glitch Cycle	
Adopt techniques and retrofit mandates in 2007 FBC via Glitch Cycle	
<b>See Glitch Amendment Task 8 schedule</b>	

Status: **Completed**  
% Complete



100%

*Origination: Development of mitigation techniques and adoption as Code requirements as directed by the law was directed by the 2007 Florida Legislature in CS/HB 7057.*

**18. Electrical bonding and grounding for swimming pool decks (Previous Task 28)**

**Schedule:**

Notify building departments/pool bonding alternative authorized by law	5/07
Develop alternative technique to NEC	5/07-6/07
Commission initiates rule authorizing alternative technique	5/09/07
Rule development workshop	6/27/07
Adopt the alternative in the 2007 FBC	8/22/07
Rule effective	10/1/07
Adopt alternative technique in 2007 FBC via Glitch Amendment Cycle	2008

**See Glitch Amendment Task 8 schedule**

**Status: Completed**

**% Complete**



**Origination:** *The 2007 Florida Legislature directed adoption of the alternative pool bonding requirements by non-Code rule in 2007 and adoption in the 2007 FBC in CS/CS/SB 2836.*

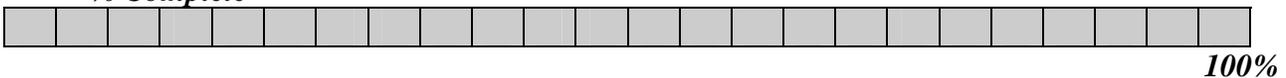
**19. Evaluate elimination of gravel and stone roofing systems (Previous Task 29)**

**Schedule:**

Appoint Ad Hoc committee to evaluate the science, alternatives, business impact and impact on birds	8/07
Contract with UF to provide technical assistance	9/07
Workgroup meetings to review data UF reports on literature search	12/10/07
	1/08
	3/08
	4/18/08
	5/6/08
Submit for amendment of 2007 FBC during Glitch Cycle	5/08
Amend 2007 FBC as determined by study in Glitch Cycle	<b>See Task 8</b>

**Status: Completed**

**% Complete**



**Origination:** *The 2007 Florida Legislature directed the Commission to evaluate the consequences of adopting the International Building and Residential Codes prohibition of gravel roof systems in high wind areas before adopting it into the 2007 FBC and to take remedial action if warranted.*

**20. Implement requirements of law for carbon monoxide detectors (Previous Task 32)**

**Schedule:**

Commission initiates special rule development and adoption for buildings with fuel burning appliances, fireplaces or attached garages and sleeping rooms	5/9/07
Rule development workshop	6/27/07
Mechanical and Electrical TACs decide how to reference from NEC	8/21/07
Rule adoption hearing	8/22/07
Rule effective (date set by law)	7/1/08
Adopt and implement above requirements in 2007 FBC in Glitch Cycle and DBPR hotels with fuel fired boiler requirements DBPR did not adopt a rule	2008
<b>See Glitch Amendment Task 8 schedule</b>	

**Status: Completed**

**% Complete**



**100%**

**Origination:** *The 2007 Florida Legislature directed the Commission to adopt carbon monoxide detector requirements written into law as a separate non-Code rule to take effect July 1, 2008 and to adopt the requirements in law into the 2007 FBC.*

**41. Review the 2008 National Electric Code for Adoption by Separate 2009 Glitch Amendment**

**Schedule:**

Electrical TAC review meetings	12/9/08
	2/3/09
Rule development workshop	4/8/09
Rule adoption hearing	6/9/09
Effective	7/09

**Status: Completed**

**% Complete**



**100%**

**Origination:** *Recommended by Electrical TAC and approved by Commission at October 2008 meeting.*

**42. Repeal of CO Detector, Pool Bonding and Mitigation Rules**

*Schedule:*

Rule Hearing 2/3/09  
Effective 3/1/09

*Status:* **Completed**

*% Complete*



100%

*Origination:* **Housekeeping. Directed by law to adopt rules to govern until the 2007 FBC takes effect. Requirements integrated into the Code via glitch amendment cycle. Original rules are redundant and must be repealed to eliminate potential conflicts.**

**28. Develop Legislative Recommendation for Building Code Carbon Monoxide Detector Requirements**

*Schedule:*

Mechanical TAC considers 10/13/08  
Expand review to a workgroup to include additional stakeholder groups 10/15/08  
Recommendations to Commission 12/08  
Report to 2009 Legislature 2/09

*Status:* **Completed**

*% Complete*



100%

*Origination:* **Commissioner Bassett advised the Commission that the 2007 Law requirements for carbon monoxide detectors would not provide effective safety for facilities with boilers. Inquires were made by staff during the 2008 Legislative Session regarding delegating establishment of criteria to the Commission by rule. The response was the Commission should work on criteria that could be changed in law.**

**16. Work with DCA to evaluate updated energy efficiency standards for energy using products (Previous Task 25 & 38)**

**Schedule:**

DCA initiates rule proceeding	8/07
Enter into contract for study	9/07
DCA Secretary Pelham addresses Commission suggesting coordination	10/3/08
DCA conducts Rule Development Workshop	10/18/07
Report from contractor	11/07
Recommendations finalized for report to 2008 Legislature	1/30/08
Report to 2008 Governor	2/08
Update efficiency standards in Florida Energy Code	5/7/08

**Status:** *Commission denied DCA proposals for increasing appliance/systems energy efficiency in the Florida Energy Code update.*

**% Complete**



**Origination:** *The Governor directed the Department of Community Affairs to amend the Florida Appliance Efficiencies to increase energy efficiency requirements by 15% in Executive Order 2007-127. DCA Secretary Pelham addressed the Commission and requested its cooperation in complying with the directives of the Governor’s EO. DCA/Commission staff presented a plan for increasing efficiency requirements for appliances and energy using equipment that fall within the authorities of the Florida Energy Code. The Commission rejected the proposed amendments at its May 2008 meeting thereby not providing the coordination and cooperation requested by DCA.*

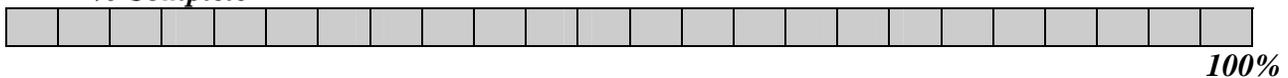
**32. Design Charette for Hotel Room Accessibility**

**Schedule:**

Charette planning	1/08-10/08
Conducted during December 2008 Commission meeting	12/08

**Status:** *Completed*

**% Complete**



**Origination:** *Accessibility TAC*

**36. Evaluate Need for 4 Hour Bldg Code Core Course as Licensing Requirement**

*Schedule:*

POC conducts workshops	08/08-12/08
Recommendation to Commission	12/12/08
Commission finalizes recommendations for Report	1/30/09
Commission report to 2008 Legislature	2/09

*Status:* **Completed**

*% Complete*



100%

*Origination:* Education POC. Voted approved by Commission at June 24, 2008 meeting.

**37. Evaluate Amending 9B-72.180 on Equivalency of ASTM E 1300-02 and ASTM E 1300-04 and Rule 9B-72.090 on Product Approval Self Affirmation**

*Schedule:*

Structural TAC Recommendation on Equivalency to Commission	10/15/08
Rule Development Workshops	12/10/08
Rule Adoption Hearings	2/04/09
Rule Effective	3/09

*Status:* **Completed**

*% Complete*



100%

*Origination:* Product Approval POC. Voted approved by Commission at June 24, 2008 meeting.

**WORKPLAN PRIORITIZATION EXERCISE RESULTS  
CONDUCTED OCTOBER 15, 2008**

WORKPLAN TASK	OVERALL RANKING
39.) Energy conservation measures	1

1.) Report to 2009 Legislature	2
22.) 2010 Code development process	3
9./10.) Research for hurricane resistance Code enhancements <ul style="list-style-type: none"> <li>• window/water leakage</li> <li>• window/wall interface</li> <li>• soffit performance</li> </ul>	4
28.) CO detectors recommendations	5
35.) Develop plan to implement legislated energy efficiency increases	6
27.) Criteria for cost effectiveness test for increases in energy efficiency	7
30.) Develop list of evaluation entities & report to Legislature, or develop criteria for approving evaluation entities by rule	8
26./11.) Indoor Humidity & Moisture Control	9
16.) Efficiency standards for energy using products	10
38.) Evaluate adoption of flood standards in FBC (DEM, FEMA)	11
25.) Bedroom definition for septic tank sizing with DOH	12
33.) Entrapment standards for existing pools	13
37.) Evaluate equivalency of ASTM E 1300-02 and 04 & self affirmation for PA Rule 9B-72	14
24.) Soffit system labeling requirements	14
32.) Design charette for hotel room accessibility	16
31.) Develop enhancements for gravel roof systems	17
34.) Evaluate rainwater collection and use with DOH	18
36.) Evaluate need for Code Core Course requirement for licensing	19
29.) Criteria for energy efficient pool systems	20

## TASKS DIRECTED BY LAWS

### 2008 Legislature Directed Tasks

#### **HB 697 Building Code**

##### **Action required:**

1. Recommend the Legislature expand the list of evaluation entities in law or develop and adopt rules for approving evaluation entities.

“Section 16. Subsection (17) is added to section 553.842, Florida Statutes, to read:

553.842 Product evaluation and approval.—

(17)(a) The Florida Building Commission shall review the list of evaluation entities in subsection (8) and, in the annual report required under s. 553.77, shall either recommend amendments to the list to add evaluation entities the commission determines should be authorized to perform product evaluations or shall report on the criteria adopted by rule or to be adopted by rule allowing the commission to approve evaluation entities that use the commission's product evaluation process. If the commission adopts criteria by rule, the rulemaking process must be completed by July 1, 2009.”

#### **HB 7135 Energy**

##### **Action required:**

1. Increase building efficiency requirements of the 2010 Florida Energy Efficiency Code for Building Construction by 5% for the 2010 relative to the Code which takes effect December 31, 2009.
2. Identify specific building options to achieve the energy efficiency improvements.
3. Adopt by rule a cost effectiveness test and apply to the energy efficiency improvements.

“Section 109. Section 553.9061, Florida Statutes, is created to read:

553.9061 Scheduled increases in thermal efficiency standards.--

(1) The purpose of this section is to establish a schedule of increases in the energy performance of buildings subject to the Florida Energy Efficiency Code for Building Construction. The Florida Building Commission shall:

(a) Include the necessary provisions by the 2010 edition of the Florida Energy Efficiency Code for Building Construction to increase the energy performance of new buildings by at least 20 percent as compared to the energy efficiency provisions of the 2007 Florida Building Code adopted October 31, 2007.

:  
:

(2) The Florida Building Commission shall identify within code support and compliance documentation the specific building options and elements available to meet the energy performance goals established in subsection (1). Energy-efficiency performance options and elements include, but are not limited to:

- (a) Solar water heating.
- (b) Energy-efficient appliances.
- (c) Energy-efficient windows, doors, and skylights.
- (d) Low solar-absorption roofs, also known as "cool roofs."
- (e) Enhanced ceiling and wall insulation.
- (f) Reduced-leak duct systems.
- (g) Programmable thermostats.
- (h) Energy-efficient lighting systems.

(3) The Florida Building Commission shall, prior to implementing the goals established in subsection (1), adopt by rule and implement a cost-effectiveness test for proposed increases in energy efficiency. The cost-effectiveness test shall measure cost-effectiveness and shall ensure that energy efficiency increases result in a positive net financial impact.”

Section 110. Subsection (1) of section 553.909, Florida Statutes, is amended, subsections (3) and (4) are renumbered as subsections (6) and (7), respectively, and new subsections (3), (4), and (5) are added to that section, to read:

553.909 Setting requirements for appliances; exceptions.--

1) The Florida Energy Efficiency Code for Building Construction shall set the minimum requirements for commercial or residential swimming pool pumps, swimming pool water heaters, and heat traps and thermostat settings for water heaters used to heat potable water sold for residential use. The code shall further establish the minimum acceptable standby loss for electric water heaters and the minimum recovery efficiency and standby loss for water heaters fueled by natural gas or liquefied petroleum gas.

(3) Commercial or residential swimming pool pumps or water heaters sold after July 1, 2011, shall comply with the requirements of this subsection. Natural gas pool heaters shall not be equipped with constantly burning pilots. Heat pump pool heaters shall have a coefficient of performance at low temperature of not less than 4.0. The thermal efficiency of gas fired pool heaters and oil-fired pool heaters shall not be less than 78 percent. All pool heaters shall have a readily accessible on-off switch that is mounted outside the heater and that allows shutting off the heater without adjusting the thermostat setting.

(4) Pool pump motors shall not be split-phase, shaded pole, or capacitor start-induction run types. Residential pool pumps and pool pumps motors with a total horsepower of 1 HP or more shall have the capability of operating at two or more speeds with a low speed having a rotation rate that is no more than one-half of the motor's maximum rotation rate. Residential pool pump motor controls shall have the capability of operating the pool pump at a minimum of two speeds. The default circulation speed shall be the residential filtration speed, with a higher speed override capability being for a temporary period not to exceed one normal cycle or 120 minutes, whichever is less. Except that circulation speed for solar pool heating systems shall be permitted to run at higher speeds during periods of usable solar heat gain.

(5) Portable electric spas standby power shall not be greater than  $5(V^{2/3})$  watts where V = the total volume, in gallons, when spas are measured in accordance with the spa industry test protocol.

## **2007 Legislature Directed Tasks- Regular Session**

### **CS/HB 7123 Energy**

Action required:

1. Form Work Group and Develop model energy efficiency ordinance for residential construction.
2. Conduct study to evaluate cost effective baseline for Florida Energy Code residential requirements, determine cost effective standards for commercial buildings and compare to the International Energy Conservation Code and ASHRAE 90.1 and 90.2 in consultation with designated others.
3. Develop and implement a public awareness campaign on energy efficiency and benefits of Green Building in consultation with others.
4. Work with DCA to evaluate updated energy efficiency standards for energy using products

### **CS/HB 7057 Wind Loss Mitigation Studies and FBC Mitigation Requirements and Standards**

Action required:

1. Consult with Office of Insurance Regulation on “lost cost relativities” study.
2. Develop mitigation techniques for retrofit of existing site-built residential buildings:
  - o Prescriptive gable end bracing techniques
  - o Secondary water barrier requirements and standards
  - o Prescriptive roof-to-wall attachment techniques (not to exceed 15% of reproofing cost)
  - o Strengthening/correction roof deck attachment/fastening
  - o Opening protection
3. Adopt for site-built residential buildings by October 1, 2007:
  - o Mitigation techniques
  - o Requirement that roof replacement requires secondary water barrier and roof deck attachment/fastening
  - o Requirement that within WBD region roof replacement for buildings insured for \$300K or more must also have roof-to-wall connections upgraded
  - o Requirement that any permitted activity valued at \$50K or more for buildings located within the WBD region and insured for \$750K or more must also provide for openings protection
4. Adopt in 2007 FBC:
  - o Requirements of 2) and 3).

### **CS for CS for SB 2836 Building Code**

Action required:

1. Electrical bonding and grounding for swimming pool decks:
  - o Notify building departments about pool bonding alternative authorized by law.

- Review swimming pool electrical bonding requirements of NEC and develop alternative technique.
  - Adopt a rule authorizing use of the alternative technique.
  - Adopt the alternative in the 2007 FBC.
2. Gravel or stone roofing systems
- a) Determine and document the following if eliminate systems from Code:
- Scientific basis or reason for elimination
  - An available alternative equivalent in cost and durability
  - Whether elimination will unnecessarily restrict or eliminate business or consumer choice in roofing systems
  - Whether elimination will negatively affect the nesting habitat of any species of nesting bird; coordination with Fish and Wildlife Conservation Commission
- b) Adopt a rule by chap 120 to preserve use of gravel or stone roofing systems if the above conditions cannot be determined and documented
3. Warehouse expansion sprinkler requirements:
- Review modifications 2151, 2152, 2153, and 2492 and determine based on public comment if there is a continuing need for any Florida specific requirement of the Code the modifications seek to repeal
  - Adopt or modify the modifications by chapter 120 only for inclusion in next edition of FBC
4. Energy Code evaluation-
- Conduct study to evaluate cost effective baseline for Florida Energy Code residential requirements, determine cost effective standards for commercial buildings and compare to the International Energy Conservation Code and ASHRAE 90.1 and 90.2 in consultation with designated others.

**CS for CS for SB 1822      Carbon Monoxide Detectors**

Action required:

1. Adopt a rule to require CO detectors in buildings with fossil fuel burning heater or appliance (including boiler in public lodging), fireplace, or attached garage and rooms used for sleeping purposes effective by July 1,2008.
2. Include requirements in next revision/(edition) of FBC.
3. Work with DBPR on chapter 4, FBC, Building requirements for public lodging buildings with both sleeping rooms and combustion fired boilers in the building.

**CS for SB 404      Sprinkling Existing Portions of Warehouse Expansions**

Action required:

1. Post notice of statutory requirement on website and notify building departments.
2. Include new provision of law in 2007 FBC update.

**CS for SB 2498      Delayed Elimination of Design for Internal Pressure**

Action Required:

1. Notification to building departments and industry.

## **2007 Legislature Directed Tasks- Special Session**

### **Florida Building Code Amendments:**

- “...eliminate all exceptions that provide less stringent requirements.” than the 2006 IBC and IRC for wind-borne debris protection.  
[HB 1A Section 10 (1)]

### **Citizens Insurance criteria for buildings built within 2500 feet of the coast after 2009:**

- “...develop voluntary “Code Plus” guidelines for increasing the hurricane resistance of buildings.”  
[HB 1A Sections 10 (2) and 21 627.351(6)(a)6.]

## **2006 Legislature Directed Tasks**

### **Florida Building Code Amendments:**

- Re-designate the Wind Borne Debris Protection Region for the Florida Panhandle

**COMPLETED**

## **2005 Legislature Directed Tasks**

### **Florida Building Code Amendments:**

**Expedited Code Amendment**

**COMPLETED**

- Shall by November 1, 2005, adopt the ICC provisions for ventless attic spaces.  
[Section 33 SB 442]

- Shall by November 1, 2005, recognize all alarms complying with UL 2017 for the pool alarm option compliance with swimming pool safety requirements of chapter 515 , F.S. [Section 32 SB 442]
- Shall consider how to address water intrusion and roof-covering-attachment weaknesses. [Section 34 SB 442]
- Shall **review** Modifications 569 and 570 adopted October 14, 2003 to IBC and repeal, modify or leave the same but 569 and 570 cannot go into effect until the review (leave the same) or rulemaking (modify or repeal) are completed. [Section 48 SB 442]

#### **2004 FBC Glitch Amendments (2006 Annual Amendment to 2004 FBC)**

##### **COMPLETED (Implemented in the 2005 expedited Code Amendment)**

- Shall amend the 2004 FBC to allow use of the area under mezzanines to be included in the calculation of total floor area when determining the maximum allowable mezzanine area in sprinklered S2 occupancies of Type III construction. Retroactive to the adoption of the 2001 FBC. [Section 44 SB 442]
- Shall modify Table 1014.1 of 2004 FBC maximum occupancy loads for R occupancies. [Section 46 SB 442]
- Shall amend section 1014.1.2 of 2004 FBC to exempt R1 and R2 occupancies from required distance between exits under certain conditions. [Section 46 SB 442]

#### **2007 Florida Building Code Update**

- Eliminate the “interior pressure design” option for buildings in the wind-borne debris regions consistent with the IBC and IRC.

#### **Special Studies:**

- Together with building officials from the area, review Hurricane Ivan damage and other data for the region from Franklin County to the Alabama border and issue a report of findings and recommendations to the Governor and 2006 Legislature. [Section 39 SB 442]
- Evaluate the definition of exposure category C and make recommendations to the Governor and 2006 Legislature. [Section 41 SB 442]
- Study the recommendation that the State be served by a single validation entity for state product approval. [Section 45 SB 442]

## **Other Tasks:**

### **COMPLETED**

- Develop a form by rule that is posted on a construction site and identifies all private providers that will be conducting inspections and their contact information. [Section 11 SB 442/ 553.791(4)(c)]
- Develop a form by rule for use on the Building Code Information System for petitioning for review of local building official decisions. [Section 9 SB 442/ s.553.775(3)(c)2.]
- Add design and construction related facility licensing requirements for Hospice Facilities. [HB 189]