

ENERGY TECHNICAL ADVISORY COMMITTEE
Hilton at University of Florida Conference Center
1714 SW 35th Street
Gainesville, Florida
June 7, 2016
10:00 AM

ENERGY TAC PRESENT:

Ron Bailey
Oscar Calleja
Jan Geyselaers

Brent Caldwell
Bob Cochell
Roger Sanders

ENERGY TAC NOT PRESENT:

Drew Smith, Chairman
Lawrence Maxwell

Steve Bassett
David Wojcieszak

STAFF PRESENT:

Jim Richmond
April Hammonds
Marlita Peters

Mo Madani
Jim Hammers
Chris Howell

MEETING FACILITATION:

The meeting was facilitated by Jeff Blair from the FCRC Consensus Center at Florida State University. Information at: <http://consensus.fsu.edu/>

Welcome:

Time: 10:01 am

Mr. Blair welcomed everyone to the meeting of the Energy TAC in Gainesville, Florida..

Roll Call:

Mr. Blair performed roll call for the Energy TAC. A quorum was determined with 6 members present.

Agenda Approval:

Mr. Blair provided the agenda items for today's meeting and asked for a motion to approve the amended agenda taking item number 5 Review and recommend for approval the proposed changes to the Energy Gauge USA for compliance with the 5th Edition (2014) FBC, Energy Conservation after number 3 and then conclude with agenda item number 4 which will become item number 5 which is the larger issue for today.

Mr. Calleja entered a motion to approve the agenda as amended for today's meeting. Mr. Sanders seconded the motion. The motion passed unanimously with a vote of 6 to 0.

Minutes April 11, 2016:

Mr. Wojcieszak entered a motion to approve the minutes as posted from the April 11, 2016 meeting. Mr. Cochell seconded the motion. The motion passed unanimously with a vote of 6 to 0.

Rule Development Workshop "Rule 61G20-1.001, F.A.C." of June 8, 2016 for the purpose of reviewing proposed code language for the implementation of [HB 535: Proposed Code Changes](#)

Mr. Blair gave an overview of the process for the Workshop and provided time allotment for speaking requests from the audience.

Mr. Blair introduced the **Section 25** of HB 535 for discussion.

Section 25: Provides for revisions of the standards for air infiltration testing and mechanical ventilation of residences and delaying the effective date of the blower door testing until July 1, 2017:

Rule Development Workshop “Rule 61G20-1.001, F.A.C.” of June 8, 2016 for the purpose of reviewing proposed code language for the implementation of [HB 535: Proposed Code Changes](#) (cont.)

Mr. Madani provided the background on **Section 25** of HB 535 for the TAC and the staff recommendation along with the Mechanical TAC’s recommendation to accept staff recommendation with a vote of 6 to 2 on June 2, 2016.

Public Comment:

Joe Belcher, Florida Home Builders Association, stated he supports staff recommendation.

Arlene Stewart, AZS Consulting, Inc., stated she supports staff recommendation

TAC Discussion and Action:

Mr. Caldwell entered a motion to accept staff recommendation for **Section 25**. Mr. Bailey seconded the motion. The motion passed unanimously with a vote of 6 to 0.

Mr. Blair introduced the **Section 26** of HB 535 for discussion.

Section 26: Provides for specifications of the type of individuals from whom local enforcement agencies must accept duct and air infiltration tests.

Mr. Madani provided the background on **Section 26** of HB 535 for the TAC and the staff recommendation with detail of the change.

Public Comment:

Arlene Stewart, AZS Consulting, Inc. stated she provided an additional change to 402.4.1.2 by striking “Where required by the code official”. She asked the TAC for favorable vote on these additions to the staff recommendation.

Mr. Belcher, Florida Home Builders Association stated he supports staff recommendation with Ms. Stewart’s changes.

TAC Discussion and Action:

Mr. Calleja discussed who can perform and agrees with the strike out as submitted by Ms. Stewart.

Mr. Cochell questioned why 489.105(3)(f)(g)(i) is not included in inspections.

Mr. Madani responded with the language provided under inspections and stated this is testing.

Mr. Bailey entered a motion to accept staff recommendations with the changes as submitted by Ms. Stewart. Mr. Sanders seconded the motion. The motion passed unanimously with a vote of 6 to 0.

Mr. Blair introduced the **Section 34** of HB 535 for discussion.

Section 34: Provides for provisions for an alternative means of demonstrating compliance with the energy provisions of the FBC.

Mr. Madani provided the background on **Section 34** of HB 535 for the TAC and the staff recommendation with detail of the change.

Public Comment:

Eric Lacey, Responsible Energy Code Alliance, stated he is supporting staff

Joe Belcher, Florida Home Builders Association, stated that he supports staff recommendation.

Arlene Stewart provided background to her request to add “in accordance with Florida Statute 553.99 (Building Energy Efficiency Rating System: to R406.5”

Amanda Hickman, InterCode, provided issues with different compliance paths and she provided information specific to ICC and those specific to Florida. She continued by stating differences in ratings.

Lorraine Ross, Intech Consulting, stated that the staff is following legislative mandate and she asked that they stop at that on this section.

Jeff Sonne, Solar Energy Center, provided details of the six non-renewal options that were posted to the agenda.

[Option 1:](#) only changes are FSEC 2017 code cycle mods 6727 and 6576 which were approved by the Energy TAC in April

[Option 2:](#) Option 1 plus a Section R406.7.1 typo fix

[Option 3:](#) Option 2 plus Section R406.7.2 removed (we think this is already/better covered in our modification to Section R406.6.1)

[Option 4:](#) Option 3 plus some simplifying changes to Section R406.2

[Option 5:](#) Option 4 except all references to the 2015 IECC are changed to 2014 Florida Energy Code (but no changes to references to 2009 IECC)

Rule Development Workshop “Rule 61G20-1.001, F.A.C.” of June 8, 2016 for the purpose of reviewing proposed code language for the implementation of [HB 535: Proposed Code Changes](#) (cont.)

[Option 6](#): Option 5 with Section R406.5 "approved agency" language changes based on HB 535 Section 26.

Lorraine Ross, Intech, stated these options are adding reference standards and are not in the Legislation or in ICC 2015, and they should not be included.

Amanda Hickman, Intercode asked if there was opportunity to speak on these options that would require changes that are not in the Legislation.

Mr. Richmond suggested that they get through this discussion on the staff recommendation.

TAC Discussion and Action:

Mr. Calleja questioned legal for authority of the TAC for any changes or mandates.

Mr. Richmond stated staff recommendation explained 535 requirements.

Mr. Calleja clarified the TAC's options.

There was continued conversation on the direction of the intent and the Edition it relates to.

Mr. Richmond stated stakeholders approached the Legislature for this change and we are mandated to make this as a part of the Code in Florida.

Mr. Blair provided the options for the TAC.

Mr. Wojcieszak entered a motion to accept staff recommendation with the comments submitted by Ms. Stewart “in accordance with Florida Statute 553.99 (Building Energy Efficiency Rating System: to R406.5)”. Mr. Bailey seconded the motion. The motion passed unanimously with a vote of 6 to 0.

Review and recommend for approval the proposed changes to the Energy Gauge USA for compliance with the 5th Edition (2014) FBC, Energy Conservation:

Mr. Vieira provided a detail report of the material and requested support of same.

Review and recommend for approval the proposed changes to the Energy Gauge USA for compliance with the 5th Edition (2014) FBC, Energy Conservation (cont.):

There was extensive discussion with Amanda Hickman, Eric Lacey, and Mr. Madani regarding the program and the renewables.

Mr. Calleja entered a motion to approve the Energy Conservation Software. Mr. Cochell seconded the motion. The motion passed with a vote of 6 to 0.

Mr. Blair called a 15 minute break at 11:15 am.

The meeting reconvened at 11:30 am.

Discuss and provide recommendations to the Commission regarding the following:

- (a) Whether onsite renewable power generation may be used for compliance, and
- (b) Whether onsite renewable power generation may be used for a period longer than three years but not more than six consecutive years.

Mr. Blair provided instructions and background on section 34. He then asked Chairman Browdy to provide additional information and comment.

Chairman Browdy stated that he thanked everyone for their attendance today. He said during the last few weeks it has become apparent that this Legislative directive to determine whether onsite renewable power generation can be creditable towards the energy performance path and has become very significant to the extent that he thinks it cannot be typically handled through our regular processes through a TAC meeting with recommendations to the Commission. Chairman Browdy continued by stating in listening to the discussion today, he believes it is appropriate that the topic be considered for a Work Group where ample time can be given to it and said that we have until October to make the determination and give that direction. He said he is going to suggest at the Commission meeting tomorrow that a Work Group be developed and engage as many people as possible to discuss this topic to better understand it and take the responsibility of the Legislative mandate seriously and give it creditability and concern that the citizens of the State of Florida have on this topic. Chairman Browdy stated this is the direction that he is headed at this time.

Mr. Madani provided background on this section and the expectations as set forth by the Legislature.

Discuss and provide recommendations to the Commission regarding the following (cont.):

- (a) Whether onsite renewable power generation may be used for compliance, and
- (b) Whether onsite renewable power generation may be used for a period longer than three years but not more than six consecutive years.

Public Comments:

Support for a Work Group was provided by:

Joe Belcher, Florida Home Builders Association
Lorraine Ross, Intech
Amanda Hickman, Intercode, and offered her participation in the Group
Dick Wilhem, FMA and ARMA
Curt Rich, NAIMA, and offered his participation in the Group
Thomas Bewse, ACC, and offered his participation in the Group
Arlene Stewart AZS Consulting
Eric Lacey, Responsible Energy Alliance
Chris Appleton, Firestone Building Products
Fred Dudley, Esq.
Harry Misuriello, ACEEE, and offered his participation in the Group

Mr. Calleja entered a motion recommend to the Commission that a Work Group be convened to evaluate the issue and then make a recommendation to the Commission. Mr. Sanders seconded the motion. The motion passed unanimously with a vote of 6-0.

Public Comment:

Amanda Hickman asked during the Commission Meeting, this will be addressed as the just the Work Group formation only and no further discussion will take place.

Mr. Blair advised of the process.

Chairman Browdy explained the process of selection of Work Group appointees to ensure the representation of the field.

Marlita Peters, staff member offered to take a list of participant request from the audience.

Mr. Richmond advised that a meeting with the Chairman and staff will need to take place before consideration of appointees will take place.

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Adjourn:

Mr. Bailey entered a motion adjourn the Energy TAC meeting. Mr. Cochell seconded the motion.

The meeting adjourned at 11:50 am.