

**ENERGY TECHNICAL ADVISORY COMMITTEE  
TELECONFERENCE MEETING FROM TALLAHASSEE, FLORIDA**

**WEB URL: [HTTPS://GLOBAL.GOTOMEETING.COM/JOIN/650687973](https://global.gotomeeting.com/join/650687973)**

**AUDIO: DIAL-IN NUMBER 1 877- 568-4106**

**CONFERENCE CODE/MEETING ID: 650-687-973**

**Wednesday, May 10, 2017**

**10:00 A.M.**

**MINUTES**

**ENERGY TAC PRESENT:**

Drew Smith, Chairman  
Kelley Smith Burk  
Bob Cochell  
Tim Graboski  
Roger Sanders

Steve Bassett  
Oscar Calleja  
Jan Geyselaers  
Scott Ranck

**ENERGY TAC NOT PRESENT:**

Lawrence Maxwell

David Wojcieszak

**STAFF PRESENT:**

Mo Madani  
Thomas Campbell  
Norman Bellamy  
Marlita Peters

Justin Vogel  
Chris Howell  
Jim Hammers

**Welcome:**

**Time: 10:00 a.m.**

Ms. Peters welcomed all to the Energy TAC teleconference call.

**Roll Call:**

Ms. Peters performed roll call for the Energy TAC. A quorum was determined with 9 members present at roll call.

**Agenda Approval:**

Mr. Cochell entered a motion to approve the agenda as posted for today's meeting. Mr. Sanders seconded the motion. The motion passed unanimously with a vote of 9 to 0.

**Minutes March 22, 2017:**

Mr. Cochell entered a motion to approve the minutes as amended from March 27, 2017 on the agenda to the actual meeting date of March 22, 2017 which is the date of the minutes. Mr. Geyselaers seconded the motion. The motion passed unanimously with a vote of 9 to 0.

**Review and accept report regarding whether the State's latest draft or the Residential energy building code "6th Edition (2017) Florida Building Code, Energy Conservation" meets or exceeds the provisions of the updated edition of the 2015 International Energy Conservation Code:**

Mr. Madani provided a detailed explanation and introduced the report, and asked Mr. Sonne to present his presentation.

Jeff Sonne, FSEC provided an overview of the report via a power point presentation.

**TAC Comments/Questions:**

Commissioner Calleja inquired about the type of wall assembly used.

Mr. Sonne stated regular framing was used just for simplicity. He stated there is no extra benefit using block over regular framing.

Mr. Grabowski asked about the distribution system in the ventilation/insulation with regards to the modeling and were they vented or sealed attics, also are we moving toward sealed attics.

**TAC Comments/Questions (cont.):**

Mr. Sonne responded with the models used in vented attics and explained the references in the ICC and how the determination was made.

Mr. Ranck asked about the ERI, he stated he was on the workgroup and was surprised that the envelope requirements are different. He stated it seems as though it would be the 2015 Code and asked him to explain why they did not use the renewables from 2009.

Mr. Sonne stated he was unsure but this is what was used.

Mr. Madani advised that the baseline has not changed even with the workgroup on the energy rating index that continued to be the 2009 ICC for buildings without renewable. He said they did reference the mandatory requirements; the backstops of the 2015 Code to provide more stringency for buildings with renewable. This was for the backstops and not the baseline.

**Public Comment: None**

Mr. Cochell entered a motion to accept the report. Mr. Geyselaers seconded the motion. The motion passed unanimously with a vote of 9 to 0.

**Draft Letter of Certification of Equivalence to DOE:**

Mr. Madani explained the letter of certification of equivalence to DOE.

Mr. Cochell entered a motion to accept the letter. Commissioner Calleja seconded the motion. The motion passed unanimously with a vote of 9 to 0.

**To review and accept final draft report for research project titled “Evaluation of the Cost Impact of Florida’s Specific Changes to 2015 I-Code Changes (Prescriptive Code Changes)”:**

Mr. Madani introduced the report with a brief background and then asked Dr. Issa to provide his presentation.

Dr. Issa provided an overview of the final report draft using a power point presentation.

Mr. Cochell entered a motion to accept the report. Mr. Geyselaers seconded the motion. The motion passed unanimously with a vote of 9 to 0.

**Consider and discuss Declaratory Statement DS 2017-018 by Neil Fimbel of HVAC Designs Inc.:**

Mr. Fimble presented his declaratory statement request.

Mr. Madani presented the staff analysis.

**Questions:**

1) The code book section R101.4.3 states that only the new construction building components and new building systems are subject to comply with the Florida Energy Conservation Code. **Does the energy code section R101.4.3 apply to any existing unaltered building components and/or unaltered systems, especially reused attic mounted air handlers that remain unaltered?**

**Answer:**

As per section R101.4.3 of the 5th Edition (2014) Florida Building Code, Energy Conservation (the Code), the project in question may comply with the Code using Form R402-2014 for those new building components that are being added without requiring the existing building or building systems including the existing attic mounted air handler to comply with the Code, providing that the said addition alone can comply with the code.

2) The prescriptive energy form R402-2014; page one, general instructions, note 1, “fill in all the applicable spaces of the to be installed column”. **Can any portion of this R402 form be applied to existing unaltered building envelope components or existing unaltered building systems, especially reused attic mounted air handlers that remain unaltered?**  
*See answer to question #1.*

3) The prescriptive energy form R402-2014; page two, Building Component row “Air Distribution System air handling unit”, “Installed Values column” – the word “Location”. **Can the air handler location “installed value” column be applied to a reused attic mounted air handler that remains unaltered?**  
*See answer to question #1.*

Mr. Cochell entered a motion to accept the staff analysis. Mt. Sanders seconded the motion.

Commissioner Calleja made a recommendation to amend the motion to include adding language to allow adding not applicable to the form or make it clear it can be left blank for the building officials.

Mr. Madani provided the language to add as follows:

For the existing air handlers you may indicate on the form not applicable is acceptable.

**Consider and discuss Declaratory Statement DS 2017-018 by Neil Fimbel of HVAC Designs Inc.: (cont.)**

Commissioner Calleja asked for the motion to be amended to add this language. Mr. Cochell and Mr. Sanders accepted the amendment to the motion. The motion passed unanimously with a vote of 9 to 0.

Commissioner Calleja stated that this may need to be addressed at the next code development process.

**Public Comment: None**

**TAC Comments:**

Mr. Sanders asked that it be in the Code that the Energy forms be mailed to Dr. Issa at the University of Florida as it is not in the current code. He said in addition have the reporting information from each jurisdiction to be included in the Code.

Mr. Madani stated in the 2017 Code the reporting is addressed and will be directed to UF.

Mr. Sanders stated the calculations are not included on the form and he receives a lot of forms with this information not included.

Mr. Madani stated this will need to be included in the next code change. He stated if this is performance compliance it should be included as part of the testing with the Technical Assistance Manual under the next code cycle.

There being on further business Ms. Peters adjourned the meeting at 10:59 a.m.