

**ELECTRICAL TECHNICAL ADVISORY COMMITTEE
CONCURRENT WITH THE
FIRE TECHNICAL ADVISORY COMMITTEE
TELECONFERENCE MEETING FROM TALLAHASSEE, FLORIDA
WEB URL <https://global.gotomeeting.com/join/726254373>
AUDIO: DIAL-IN NUMBER 1 866-99-4679
CONFERENCE CODE: 726-254-373
July 23, 2018
2:00 P.M.**

Minutes

ELECTRICAL TAC PRESENT:

| | | |
|--------------------------|------------------|-------------------|
| Kevin Flanagan, Chairman | | Neal Burdick |
| Ken Castronovo | | Shane Gerwig |
| John Hall | | Bryan Holland |
| David Rice | Anna Territo for | Joseph Territo |
| Clarence Tibbs | | Vince Della Croce |

ELECTRICAL TAC NOT PRESENT:

Ron Van Wyk

STAFF PRESENT:

| | |
|---------------|-----------------|
| Mo Madani | Thomas Campbell |
| Justin Vogel | Chris Howell |
| Robert Benbow | Jim Hammers |
| Joe Bigelow | Marlita Peters |

MEETING FACILITATION:

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

Electrical TAC
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Welcome:

Time: 2:00 p.m.

Mr. Blair welcomed everyone to the concurrent teleconference call of the Electrical TAC and Fire TAC. He provided information for the callers on how to mute systems to avoid background noise.

Roll Call:

Mr. Blair performed roll call for the Electrical TAC. A quorum was determined with 10 members present.

Agenda Approval:

Mr. Blair asked for a motion to approve the agenda.

Mr. Hall entered a motion to approve the agenda for today's meeting as posted. Mr. Burdick seconded the motion. The motion passed unanimously with a vote of 10 to 0

Approval of Minutes from June 11, 2018:

Mr. Blair asked for a motion to approve the minutes as posted.

Commissioner Gerwig entered a motion to approve the minutes from June 11, 2018 as posted. Mr. Hall seconded the motion. The motion passed unanimously with a vote of 10 to 0.

To review and accept final draft report for research project titled "Economic Impact Analysis and Evaluation of Property Insurance Rate Impact Resulting from Potential Changes to the Florida Building Code from the ICC Base Code Provisions.":

Mr. Madani provided the background of this project.

Dr. Issa, UF provided the final draft report with the requested changes noted via a power point presentation.

TAC Comments: Mr. Apfelbeck requested to know who conducted peer review and stated it should be noted in the report.

Dr. Issa stated it was Dr. Charles Kibert and he would make that notation in the report.

Public Comments: None

To review and accept final draft report for research project titled “Economic Impact Analysis and Evaluation of Property Insurance Rate Impact Resulting from Potential Changes to the Florida Building Code from the ICC Base Code Provisions.” (cont.):

Mr. Rice entered a motion to accept the final draft report titled “Economic Impact Analysis and Evaluation of Property Insurance Rate Impact Resulting from Potential Changes to the Florida Building Code from the ICC Base Code Provisions” with reference to individual who completed peer review. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

To recommend and discuss potential research topics for consideration by the Building Commission:

Mr. Madani provided information on the research plan and requirements for recommendation.

Mr. Blair explained the process to provide a recommendation to the Commission.

Chairman Flanagan stated that dollar amounts need to be included for them to be able to make a decision for research projects.

Mr. Blair listed the following research projects that were submitted for the consideration of the TAC:

- 1.) Investigate the Costs/Benefits of Requiring Installation of Infrastructure In New Construction – John Hall, TAC Member, Miami -Dade County Department of Regulatory and Economic Resources**
- 2.) Identify Potential Code Modifications Needed to Enhance Electrical Safety at Existing swimming pools – Bryan Holland, NEMA**
- 3.) Study Showing Residential Electrical Fires in Florida Have Been Reduced With Each Expansion of the AFCI Requirements Contained in the NEC. – Neal Burdick, TAC Member**
- 4.) ASHRAE 90.1 – 2010 8.4.2 – Joe Territo, TAC Member, Territo Electric**
- 5.) PV Research Proposal – Jeff Sonne, and Donald Metzger, FSEC**

Investigate the Costs/Benefits of Requiring Installation of Infrastructure In New Construction – John Hall, TAC Member, Miami -Dade County Department of Regulatory and Economic Resources:

Mr. Hall provided additional background on the research project that he is requesting and stated he will answer any questions from the TAC.

To recommend and discuss potential research topics for consideration by the Building Commission:

Investigate the Costs/Benefits of Requiring Installation of Infrastructure In New Construction – John Hall, TAC Member, Miami -Dade County Department of Regulatory and Economic Resources (cont.):

TAC Comment: Chairman Flanagan reminded Mr. Hall that he will need to include dollar amounts to have the project considered.

Commissioner Gerwig spoke in favor of this project but to keep in mind that he does not need to lock into one method.

Doug Buck, FHBA spoke on the pre-positioned projects and concerns over costs.

Mr. Holland stated that he noted there was overlapping with the FSEC proposal and maybe they should try to combine the information.

Identify Potential Code Modifications Needed to Enhance Electrical Safety at Existing swimming pools – Bryan Holland, NEMA

Bryan Holland, NEMA provided detail of number one on his request for enhancement of electrical safety at existing pools.

Public Comment: None

TAC Comments: Commissioner Flanagan reminded Mr. Holland that financial costs are needed.

Study Showing Residential Electrical Fires in Florida Have Been Reduced With Each Expansion of the AFCI Requirements Contained in the NEC. – Neal Burdick, TAC Member

Mr. Burdick provided additional information on AFCI protection and additional cost and it is worth the investment, he advised he will provide a full scope including cost.

ASHRAE 90.1 – 2010 8.4.2 – Joe Territo, TAC Member, Territo Electric

Anna Territo advised this is inclusive of ASHRAE 90.1-2010 8.4.2 and research to determine any energy savings.

Public Comment: None

To recommend and discuss potential research topics for consideration by the Building Commission:

ASHRAE 90.1 – 2010 8.4.2 – Joe Territo, TAC Member, Territo Electric (cont.):

TAC Comments: Commissioner Flanagan reminded Ms. Territo that financial costs are needed as well as a full scope for the project.

Mr. Holland stated that this is not in the Florida Building Code and is no value in Florida, he further stated that there is a national report including this information and he would be glad to send it to anyone that would be interested.

Commissioner Gerwig listed challenges and he feels this is important as the system is not being used as it should be.

Commissioner Flanagan asked that Mr. Holland share the national report since it has already been completed.

Mr. Madani asked that Mr. Holland send the report to him and he will ensure that the TAC receives a copy.

PV Research Proposal – Jeff Sonne, and Donald Metzger, FSEC

Jeff Sonne, FSEC provided a power point presentation with further detail of solar photovoltaic system installation inspection information.

Public Comment: None

TAC Comments:

Commissioner Schock asked if the cost of re-roof removal was included.

Rob Vieira, FSEC stated this is to ensure proper code required installation.

Ranking of Projects:

Mr. Blair explained that each project will need to be ranked from 1-5 with #1 being the most important. He stated he will ask each member how they rank each research request and then he will advise the outcome.

Ranking of Projects (cont.):

Mr. Blair conducted the ranking as the results are as follows:

#1 - Identify Potential Code Modifications Needed to Enhance Electrical Safety at Existing swimming pools – Bryan Holland, NEMA

#2 - ASHRAE 90.1 – 2010 8.4.2 – Joe Territo, TAC Member, Territo Electric

#3 - Investigate the Costs/Benefits of Requiring Installation of Infrastructure In New Construction – John Hall, TAC Member, Miami -Dade County Department of Regulatory and Economic Resources

#4 - Study Showing Residential Electrical Fires in Florida Have Been Reduced With Each Expansion of the AFCI Requirements Contained in the NEC. – Neal Burdick

#5 - PV Research Proposal – Jeff Sonne, and Donald Metzger, FSEC

TAC Comments:

Commissioner Flanagan again advised all participants to be sure to prepare the full scope and to include costs.

Final Roll Call:

There being no further business before the TAC, Mr. Blair performed a closing roll call and there were 10 members still present on the line.

Adjourn:

Chairman Flanagan asked for a motion to adjourn.

Mr. Tibbs entered a motion to adjourn the meeting. Mr. Hall seconded the motion. The motion passed unanimously with a vote of 10 to 0.

The meeting adjourned at 3:13 p.m.