

FLORIDA BUILDING COMMISSION
TAC CHAIRPERSONS MEETING
OCTOBER 17, 2013 MEETING SUMMARY REPORT

THURSDAY, OCTOBER 17, 2013

MEETING SUMMARY AND OVERVIEW

At the Thursday, October 17, 2013 meeting the TAC/POC chairs considered and decided on whether the proposed projects met the definition of research and/or technical enrichment, and decided that each met the requirements, and recommended them for approval by the Commission for funding. The TAC Chairs' voted unanimously to recommend that the 6 proposed projects evaluated meet the definition of Research and/or Technical Enrichment, and to recommend the Commission approve them for funding based on the funding estimates provided and the University of Florida (Engineering School for Sustainable Infrastructure and Environment) administering and overseeing the research, and to charge staff with negotiating contracting as appropriate.

Background and Supporting Documents

The agenda and relevant background and supporting documents are linked to each agenda item. The Agenda URL for the October 17, 2013 TAC Chairs meeting is as follows:

http://www.floridabuilding.org/fbc/commission/FBC_1013/Committee_Chairs/TAC_Chairs_Agenda.htm

AGENDA ITEM OUTCOMES

OPENING AND MEETING ATTENDANCE

The meeting was opened at 10:00 AM once a quorum was established, and the following TAC/POC chairs participated:

Dick Browdy (FBC Chair), Hamid Bahadori, Bob Boyer, Jeff Gross, Dale Greiner, Rafael Palacios, Jim Schock, Jeff Stone, Brian Swope, and Tim Tolbert.

Other Commissioners In Attendance: James Batts, Jay Carlson, Beth Meyer, Frederick Schilling, and Darrell Phillips.

DBPR STAFF PRESENT

Chris Burgwald, Jim Hammers, April Hammonds, Ila Jones, Mo Madini, and Jim Richmond.

Meeting Facilitation and Reporting

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



AGENDA REVIEW

The TAC chairs voted unanimously, 10 - 0 in favor, to approve the agenda for the October 17, 2013 meeting as posted/presented. Following are the key agenda items approved for consideration:

- To Review Proposed Definitions
- To Review Revised Workplan/Timelines
- To Evaluate Proposed Research Projects

The complete Agenda is included as “*Attachment 1*” of this report.

(See *Attachment 1—Agenda*)

DEFINITIONS OF RESEARCH AND TECHNICAL ENRICHMENT

At the August 2013 meeting the TAC Chairs approved definitions to provide clarity and consistency regarding what is meant by “research” and “technical enrichment.” Following are the approved definitions:

Research: An important and necessary endeavor that aimed at studying specific code related issue(s)/topics for the purpose of providing solutions to a specific problem or future code change(s) directed at improving the implementation and enforcement of the FBC. The issue to be researched must be fully understood (i.e. with clear purpose of doing the research/goals); clearly defined with specific scope of work/approach; and within budget.

Technical Enrichment: An important and necessary endeavor that is aimed at evaluating complex related code issue(s)/topics for the purpose of providing educational/clarification experience or alternative solutions directed at improving the implementation and enforcement of the FBC. Method of delivery for these matters is through workshop/TAC meetings with specific participation of expert(s) in subject area of concern.

The TAC approved these definitions at the August meeting.

RESEARCH WORKPLAN AND TIMELINES UPDATE

Mo Madani reviewed the updated timelines and workplan for evaluating and approving proposed research projects. The Workplan is included as “*Attachment 2*” of this report.

(See *Attachment 2—Workplan/Timelines*)

TAC CONSIDERATION AND EVALUATION OF PROPOSED RESEARCH PROJECTS

Prior to considering the projects Mo Madani noted that four projects were withdrawn since the proponents of each project were TAC members and participated in recommending the projects for approval.

TAC chairs were asked to review the definitions and to decide whether each of the proposed projects met the definition of “Research” and/or “Technical Enrichment.”

Once all of the research project proposals were presented by the proponents and questions answered, members' considered each project and determined by motion and vote whether the proposed projects complied with the definition of "Research" and/or "Technical Enrichment", and then discussed the pros and cons of each proposal. The TAC Chairs voted unanimously that each project met the definition identified by the proponent and voted in favor of each proposed project in turn. The TAC chairs then voted unanimously in favor of recommending the Commission approve the projects as described in the motion at the end of this section of the Report.

TAC Actions:

MOTION—The TAC chairs' voted unanimously, 10 - 0 in favor, to accept the withdrawal of projects numbered 2, 3, 4 and 10 based on proponents' withdrawal of each.

Proponents of proposed research projects were provided with up to fifteen minutes each to present their proposed research projects. Following are the research projects presented:

1. Evaluate the seven Florida Specific items in the Florida Accessibility Code for Building Construction and see if the research shows if the specific items need to be expanded, reduced or eliminated. (Jeffrey Gross)
Jeff Gross: Identified by proponent as Research.
Does project meet definition of Research: The TAC Chairs' voted 10 – 0 yes.
2. Review of homes airtightness and ventilation approaches to the FBC. (Jim Cummings)
Withdrawn by Proponent.
3. Investigation of Potential Benefits of Revising Exception 1 under FLORIDA BUILDING CODE, ENERGY CONSERVATION, 101.4.7.1.1 Duct Sealing upon Equipment Replacement. (Jeff Sonne)
Withdrawn by Proponent.
4. An Assessment of Energy Efficient Methods of Indoor Humidity Control in Florida Housing. (Oscar L. Calleja and Jim Cummings)
Withdrawn by Proponent.
5. Evaluate Draft-stopping performance within Type V combustible concealed attic space. (Tony Apfelbeck)
Todd Spear and Christopher J. Weir: Identified by proponent as Research.
Does project meet definition of Research: The TAc Chairs' coted 9 – 0 yes; Bahadori abstained for potential conflict.
6. Evaluate the structural integrity of the fastening specification for wood structural panels currently prescribed in the FBC. (Joe Belcher)
Joe Belcher: Identified by proponent as Research.
Does project meet definition: of Research: The TAC Chairs' voted 10 – 0 yes.
7. Project to evaluate the efficacy of the AAF Guide and a sample of popular engineering currently employed in the field with regard to the design and construction of screen enclosures in high wind events. (Joe Belcher)
Joe Belcher: Identified by proponent as Research and Technical Enrichment.

Does project meet definitions of Research and/or Technical Enrichment: The TAC Chairs voted 10 – 0 yes.

8. Develop guidelines for strengthening a room or an area within an existing home necessary to achieve an acceptable level of protection from severe windstorm. (Jim Schock)

Jim Schock: Identified by proponent as Technical Enrichment and Research.

Does project meet definitions of Research and/or Technical Enrichment: The TAC Chairs voted 10 – 0 yes.

9. Project to work with an independent third party expert to evaluate the issue of corrosion of exterior building system fasteners in the form of a survey/assessment research project. The focus should be to clearly define the problem, analyze relevant issues and to develop recommendations for actions going forward. (Roofing TAC)

Mark Zehnal (FRSA): Identified by proponent as Research.

Does project meet definition of Research: The TAC Chairs voted 10 – 0 yes.

10. Update the Energy Simulation Tool Technical Assistance Manual. (Energy TAC)

Withdrawn by Proponent.

TAC Actions:

MOTION—The TAC chairs’ voted unanimously, 9 - 0 in favor (Bahdori abstained), to recommend that the 6 proposed projects evaluated meet the definition of “Research” and/or “Technical Enrichment”, and to recommend the Commission approve them for funding based on the funding estimates provided and the University of Florida (Engineering School for Sustainable Infrastructure and Environment) administering and overseeing the research, and to charge staff with negotiating contracting as appropriate.

TAC RECOMMENDATIONS FOR COMMISSION ACTION

TAC Actions:

MOTION—The TAC chairs’ voted unanimously, 9 - 0 in favor (Bahdori abstained), to recommend that the 6 proposed projects evaluated meet the definition of “Research” and/or “Technical Enrichment”, and to recommend the Commission approve them for funding based on the funding estimates provided and the University of Florida (Engineering School for Sustainable Infrastructure and Environment) administering and overseeing the research, and to charge staff with negotiating contracting as appropriate.

ADJOURN

Commissioner Browdy, Commission Chair, thanked TAC/POC chair and the public for their attendance and participation, and adjourned the meeting at 11:38 AM on Thursday, October 17, 2013 following an unanimous vote of 10 – 0 in favor of adjournment.

ATTACHMENT 1
OCTOBER 17, 2013 MEETING AGENDA

1. Welcome and Opening Roll Call

Chairman

Technical Advisory Committees (TACs) of the Commission:

Accessibility
Code Administration
Structural
Fire
Electrical
Energy
Mechanical
Plumbing
Product Approval POC
Roofing
Special Occupancy
Swimming Pools

Chairperson
Jeffrey Gross
Herminio Gonzales
James Schock
Hamid Bahadori
John Scherer
Dale Greiner
Raphael Palacios
Robert Boyer
Jeff Stone
Brian Swope
TBD
Tim Tolbert

Definitions for “Research” and “Technical Enrichment”

Research: An important and necessary endeavor that aimed at studying specific code related issue(s)/topics for the purpose of providing solutions to a specific problem or future code change(s) directed at improving the implementation and enforcement of the FBC. The issue to be researched must be fully understood (i.e. with clear purpose of doing the research/goals); clearly defined with specific scope of work/approach; and within budget.

Technical Enrichment: An important and necessary endeavor that is aimed at evaluating complex related code issue(s)/topics for the purpose of providing educational/clarification experience or alternative solutions directed at improving the implementation and enforcement of the FBC. Method of delivery for these matters is through workshop/TAC meetings with specific participation of expert(s) in subject area of concern.

2. Review Research Workplan/Timeline

Mo Madani

3. TAC considers, evaluates and recommends list of research topics for consideration by the Commission

A. Presentations of proposed research projects by proponents. (15 - minutes per project)

1. Evaluate the seven Florida Specific items in the Florida Accessibility Code for Building Construction and see if the research shows if the specific items need to be expanded, reduced or eliminated. (Jeffrey Gross)

2. Review of homes airtightness and ventilation approaches to the FBC. (Jim Cummings)
 3. Investigation of Potential Benefits of Revising Exception 1 under FLORIDA BUILDING CODE, ENERGY CONSERVATION, 101.4.7.1.1 Duct Sealing upon Equipment Replacement. (Jeff Sonne)
 4. An Assessment of Energy Efficient Methods of Indoor Humidity Control in Florida Housing. (Oscar L. Calleja and Jim Cummings)
 5. Evaluate Draft-stopping performance within Type V combustible concealed attic space. (Tony Apfelbeck)
 6. Evaluate the structural integrity of the fastening specification for wood structural panels currently prescribed in the FBC. (Joe Belcher)
 7. Project to evaluate the efficacy of the AAF Guide and a sample of popular engineering currently employed in the field with regard to the design and construction of screen enclosures in high wind events. (Joe Belcher)
 8. Develop guidelines for strengthening a room or an area within an existing home necessary to achieve an acceptable level of protection from severe windstorm. (Jim Schock)
 9. Project to work with an independent third party expert to evaluate the issue of corrosion of exterior building system fasteners in the form of a survey/assessment research project. The focus should be to clearly define the problem, analyze relevant issues and to develop recommendations for actions going forward. (Roofing TAC)
 10. Update the Energy Simulation Tool Technical Assistance Manual. (Energy TAC)
4. **TAC Evaluation of Each Research Project Using Evaluation Form** (1.5 hour 4 & 5)
 5. **Prioritization of Proposals Based on Immediate Needs**
 6. **Adjournment** **Chairman**

ATTACHMENT 2
RESEARCH WORKPLAN AND TIMELINE

RESEARCH WORKPLAN

July 1, 2013	Send out email to TAC members to solicit research topics
August 1-8, 2013	Convene all the TACs/POCs
August 12, 2013	Compile outcomes of TACs and POCs meetings/various research topics by TAC
August 22, 2013	Make available list of research topics for review at the Chairs meeting to establish evaluation criteria for determining the viability of research subject matter
September 2013	Working with the proponents of potential research projects, staff compiles research projects using the Commission approved research evaluation criteria.
October 2013	Chair meeting to consider and recommend list of research topics for consideration by the Commission
Oct. /Nov. 2013	Solicit qualified entity to do the research
Dec.2013/Jan.2014	Draft contract for research and implementation
Jan./Feb. 2014	Start contract (contract time frame 1 – 3 years) Funding is contingent upon budget appropriation and must be spend within the Fiscal year.
June 15, 2014	Complete research or partial research