



**FLORIDA
BUILDING
COMMISSION**

"STRONGER CODES THROUGH SCIENCE AND CONSENSUS"

Florida Department of
Business &
Professional
Regulation

**FACILITATOR'S SUMMARY REPORT OF THE
JANUARY 18, 2018
LIGHTNING PROTECTION WORKGROUP
TELECONFERENCE MEETING
TALLAHASSEE, FLORIDA**

PROCESS DESIGN, CONSENSUS-BUILDING AND FACILITATION BY



CONSENSUS CENTER

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FLORIDA BUILDING COMMISSION
LIGHTNING PROTECTION WORKGROUP
JANUARY 18, 2018 FACILITATOR’S MEETING SUMMARY REPORT

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LIGHTNING PROTECTION WORKGROUP
JANUARY 18, 2018 FACILITATOR'S SUMMARY REPORT



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OVERVIEW OF WORKGROUP'S KEY ACTIONS AND DECISIONS

THURSDAY, JANUARY 18, 2018

I. MEETING SUMMARY AND OVERVIEW

At the January 18, 2018 Teleconference meeting the Workgroup received an overview and briefing on the Workgroup's scope, purpose, and project workplan; a review of the Commission's decision-making procedures and polices including applicability of the Sunshine Law; and, received a briefing regarding project relevant background information (linked to the meeting agenda on the BCIS).

Workgroup members agreed to send their proposed options regarding lightning protection standards for the Florida Building Code to Jeff Blair, Commission Facilitator, by close of business on Thursday, January 25, 2018 for incorporation into an options evaluation worksheet. Members of the public were also invited to send specific options for evaluation. The Workgroup will evaluate all submitted options at their next meeting on February 12, 2018. Options should be sent to Jeff Blair in a word document format at: jblair@fsu.edu. Finally, members were requested to send any presentations they wish to make to the Workgroup to DBPR staff by Friday, February 2, 2018. The options worksheet and presentations will be linked to the meeting agenda posted to the BCIS.

II. WELCOME AND INTRODUCTIONS

Jeff Blair, Commission Facilitator, welcomed Workgroup members, staff and the public to the inaugural meeting of the *Lightning Protection Workgroup*.

WORKGROUP MEMBER ATTENDANCE

The following Workgroup members participated in the Thursday, January 18, 2018 meeting:

John C. Barber, Joe Belcher, Eric Boettcher, Jay Carlson, Ken Castonovo, Mike Dillon, Kevin Flanagan, Shane Gerwig, Jeff Gross, Bryan Holland, Mark Morgan, David Rice, Jeffrey Sargent, Brad Schiffer, Brian Swope, and Joseph Territo.

(16 of 16 Workgroup members participated)

(Attachment 1—Workgroup Membership)

Absent Members:

None.

DBPR STAFF PRESENT

Tom Campbell, Jim Hammers, Chris Howell, Mo Madani, and Justin Vogel.

MEETING FACILITATION

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



CONSENSUS CENTER

PROJECT WEBPAGE

Information on the Florida Building Commission project, including agenda packets, meeting reports, and related documents may be found at the Commission Webpage. Located at the following URL: <http://floridabuilding.org/c/default.aspx>

III. AGENDA REVIEW AND APPROVAL

The Workgroup voted unanimously, 16 - 0 in favor, to approve the agenda for the January 18, 2018 meeting as presented/posted. Following are the key agenda items approved for consideration:

- To Approve Agenda
- To Introduce Lightning Protection Workgroup
- To Review Scope and Purpose of the Lightning Protection Workgroup
- To Review Background Information and Reference Materials
- To Consider Public Comment
- To Identify Needed Next Steps: Information, Assignments, and Agenda Items for Next Meeting

Amendments to the Posted Agenda:

There were no amendments to the posted/presented Agenda.

(Attachment 2—January 18, 2018 Workgroup Agenda)

IV. WORKGROUP SCOPE, PURPOSE AND PROJECT WORKPLAN

Mo Madani reviewed the Workgroup scope and purpose and Project Workplan. The scope and purpose of the Workgroup is to build consensus on a recommendation to the Florida Building Commission regarding whether lightning protection requirements should be included in the future update to the Florida Building Code; and if yes, to provide recommended code change language that takes into consideration available lightning protection standards and technologies. The project Workplan is included as *Attachment 3* of this report.

(Attachment 3—Workgroup Workplan and Schedule)

V. REVIEW OF PROCEDURAL ISSUES

Jeff Blair briefly reviewed the Workgroup's decision-making and procedural policies and procedures noting they are the same as the Commission's, including the applicability of the Sunshine Law, and answered member's questions. Jeff noted that the Commission's workgroups and committees function using a consensus based decision-making process. General consensus is a participatory process whereby, on matters of substance, the members strive for agreements which all of the members can accept, support, live with or agree not to oppose. *In instances where, after vigorously exploring possible ways to enhance the members' support for the final decision on a recommendation, and the Workgroup finds that 100% acceptance or support is not achievable, final decisions will require at least 75% favorable vote of all members present and voting.* This super majority decision rule underscores the importance of actively developing consensus throughout the process on substantive issues with the participation of all members and which all can live with. In instances where the Workgroup finds that even 75% acceptance or support is not achievable, publication of recommendations will include documentation of the differences and the options that were considered for which there is more than 50% support from the Workgroup. Jeff noted that a more detailed review would be provided at the next meeting.

Sunshine Law Requirements Applicability to Workgroup Members

Jeff also explained that Workgroup members are subject to the requirements of Florida's Government in the Sunshine Law, commonly referred to as the Sunshine Law (Section 286.011 F.S.), and may not discuss with each other, outside of properly noticed meetings, issues that may foreseeably come before the Workgroup for discussion.

VI. OVERVIEW OF BACKGROUND AND REFERENCE MATERIALS AND IDENTIFICATION OF ANY NEEDED ADDITIONAL INFORMATION

Mo Madani, FBC Technical Manager, provided members with an overview of project relevant background information. In addition Mo noted that there are project relevant background documents linked to the Workgroup Agenda posted to the BCIS including:

- Section 553.72, F.S.;
- Section 553.73(9), F.S.;
- 2017 FBC Lightning Protection Provisions;
- Proposed Modification 640 with comments;

- Manufacturers Standard HBP-21;
- Master Specification ESE 12-20-17;
- Link to NFPA 780; and,
- Comments received during the June 13, 2017 Hearing on the 6th Edition (2017) FBC.

VII. GENERAL PUBLIC COMMENT

Members of the public were offered an opportunity to provide comment during each of the Workgroup's substantive discussion agenda items. Following is a summary of general public comment.

Public Comments:

There were no public comments offered.

VIII. NEXT WORKGROUP MEETING OVERVIEW AND ISSUES

The next Workgroup meeting is scheduled for February 12, 2018 in Jacksonville and will start at 9:00 AM. The meeting will focus on member informational presentations (submittal deadline of Friday, February 2, 2018) and the evaluation of options submitted regarding proposed Lightning Protection standards for the Florida Building Code. Options for consideration should be submitted by members/stakeholders to Jeff Blair by COB Thursday, January 25, 2018. During the next meeting members will be asked to review and evaluate the proposed options that were compiled and incorporated into an Options Evaluation Worksheet, and will subsequently be posted to the BCIS a minimum of seven days prior to the Workgroup's next meeting. Following discussion and refinement of options, members may be asked to do additional rankings of proposed options if requested by a Workgroup member. Members should be prepared to offer specific refinements to address their reservations. Once ranked, options with a 75% or greater number of 4's and 3's in proportion to 2's and 1's shall be considered consensus recommendations. The Workgroup's consensus recommendations will be submitted to the Commission for consideration pursuant to the Project Workplan (See Attachment 3).

ASSIGNMENTS

- Jeff Blair will draft a facilitator's summary report of the meeting.
- Workgroup members will send their proposed specific language options regarding proposed lightning protection standards for the Florida Building Code to Jeff Blair, Commission Facilitator, by close of business on Thursday, January 25, 2018 for incorporation into an options evaluation worksheet. Options should be sent to Jeff Blair in a word document format at: jblair@fsu.edu.
- Workgroup members will send presentations they wish to make to the Workgroup to DBPR staff by close of business, Friday, February 2, 2018.

ADJOURNMENT

The Facilitator thanked Workgroup members and the public for their participation, and following a unanimous vote in favor of adjournment, the meeting concluded at 2:50 P.M. on Thursday, January 18, 2019.

ATTACHMENT 1
WORKGROUP MEMBERSHIP

WORKGROUP MEMBERSHIP	
MEMBER	AFFILIATION
1. John C. Barber	Electrical Industry Consultants
2. Joe Belcher	Homebuilders
3. Eric Boettcher	Electrical Engineers
4. Jay Carlson	General Contractors <i>(Commissioner)</i>
5. Ken Castonovo	Code Officials
6. Mike Dillon	Lightning Protection Contractors
7. Kevin Flanagan	Electrical Contractors <i>(Commissioner)</i>
8. Shane Gerwig	Code Officials <i>(Commissioner)</i>
9. Jeff Gross	Building Management Industry <i>(Commissioner)</i>
10. Bryan Holland	Electrical Product Manufacturers
11. Mark Morgan	Lightning Equipment Industry
12. David Rice	Electrical Engineers
13. Jeffrey Sargent	Electrical Industry Code Consultants
14. Brad Schiffer	Architects <i>(Commissioner)</i>
15. Brian Swope	Roofing Contractors <i>(Commissioner)</i>
16. Joseph Territo	Electrical Contractors
DBPR STAFF	
Tom Campbell	Executive Director
Chris Howell	Administrative Staff
Mo Madani	Technical Manager
Justin Vogel	FBC Legal Counsel
FACILITATOR	
Jeff Blair	FCRC Consensus Center at Florida State University



ATTACHMENT 2
JANUARY 18, 2018 MEETING AGENDA

TELECONFERENCE MEETING FROM TALLAHASSEE, FLORIDA
CALL-IN NUMBER: UNITED STATES (TOLL-FREE): 1 877 309 2073
WEB PARTICIPATION URL: <https://global.gotomeeting.com/join/282997261>
MEETING ID/ACCESS CODE: 282-997-261

MEETING OBJECTIVES

- To Approve Agenda
- To Introduce Lightning Protection Workgroup
- To Review Scope and Purpose of the Lightning Protection Workgroup
- To Review Background Information and Reference Materials
- To Discuss Next Steps
- To Receive Public Comment

MEETING I AGENDA—THURSDAY, JANUARY 18, 2018

All Agenda Times—including Adjournment—are Approximate and Subject to Change

2:00 PM	1.)	WELCOME AND INTRODUCTIONS
	2.)	ROLL CALL
	3.)	REVIEW AND APPROVAL OF THE MEETING AGENDA
	4.)	REVIEW OF THE SCOPE AND PURPOSE OF THE WORKGROUP AND PROJECT WORKPLAN
	5.)	OVERVIEW OF BACKGROUND AND REFERENCE MATERIALS, AND IDENTIFICATION OF ANY NEEDED ADDITIONAL INFORMATION
	6.)	MEMBER COMMENT
	7.)	PUBLIC COMMENT
	8.)	NEXT STEPS: AGENDA ITEMS AND INFORMATION FOR THE NEXT MEETING <ul style="list-style-type: none"> • Review action items and assignments • Identify agenda items and any needed information for the next meeting
	9.)	ADJOURNMENT

ATTACHMENT 3
WORKGROUP SCOPE AND WORKPLAN

- Objective:** Discuss and provide recommendations to the Commission regarding the following:
- (a) Whether lightning protection requirements should be included in the future update to the Florida Building Code; and if yes,
 - (b) Formulate a proposed code change language that takes into consideration available lightning protection standards and technologies.

Schedule:

Appoint Workgroup members (Completed)	10/10/2017
Workgroup Orientation Meeting (Tallahassee/Teleconference) (Completed)	01/18/2018
Submittal Date for proposed options	01/25/2018
Submittal Date for Workgroup Member presentations	02/2/2018
Workgroup 1 st meeting (Jacksonville)	02/12/2018
Project review:	
- Background information (documentation from June 13, 2017 hearing to the 6 th Edition)	
- List of available lightning protection standards – provide copies to members	
- Presentation(s) (optional)	
Identify Key topical issues for evaluation	
Identification, discussion and evaluation of options	
Workgroup 2 nd meeting (Orlando) (if needed)	04/9/2018
Continue identification of key topical issues for evaluation	
Rank/prioritize key topical issues	
Formulate recommendations for action	