

**FLORIDA BUILDING COMMISSION
RESIDENTIAL CONSTRUCTION COST IMPACT WORKGROUP
Orlando Marriott Lake Mary
1501 International Parkway
Lake Mary, Florida 32746
July 30, 2018
9:00 a.m.**

WORKGROUP MEMBERS PRESENT:

Lee Arsenault	Ray Puzzitiello
Alan Gremillion	Drew Smith (Commissioner)
Rick Goff (Commissioner)	Bill Smock

WORKGROUP MEMBER NOT PRESENT:

Ed Dion	Mike Keesee
Jeremy Stewart	

DEPARTMENT STAFF PRESENT:

Tom Campbell	Justin Vogel
Mo Madani	Chris Howell
Marlita Peters	Jim Hammers

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 and Introduction:

Mr. Blair welcomed Workgroup members, staff and the public to the July 30, 2018 meeting of the Residential Construction Cost Impact Workgroup in Lake Mary, Florida.

Roll Call:

Mr. Blair called the roll and a quorum was determined with 6 members present at roll call.

Agenda Review and Approval:

Mr. Blair covered the agenda and purpose of the meeting today. He then asked for a motion to approve the agenda as posted.

Mr. Arsenault entered a motion to approve the agenda as posted. Mr. Puzzitiello seconded the motion. The motion passed unanimously with a vote of 6 to 0.

Minutes Review and Approval, July 9, 2018:

Mr. Blair asked for any revisions or corrections to the minutes of July 9, 2018. There were no changes. He asked for a motion to approve the minutes as posted.

Mr. Puzzitiello entered a motion to approve the minutes from July 9, 2018 as posted. Commissioner Smith seconded the motion. The motion passed unanimously with a vote of 6 to 0.

Provide comment to the TACs' recommendations regarding the 2018 changes to the I-codes that are needed to accommodate the specific needs of this state (Residential)

Mr. Blair addressed the work group explaining the process that will be used and the voting threshold. He stated that the charts listed on the BCIS will be followed throughout the process.

Alan Gremillion: (IRC-Building and Special Occupancy)

RB 160-16	No Impact
RB 161-16	No Impact
RB 162-16	No Impact
RB 189-16	No Impact
RB 195-16	Impact

Motion: Mr. Arsenault entered a motion that there will be a minimal material cost increase and will be dependent on market fluctuation. Commissioner Smith seconded the motion. The motion passed unanimously with a vote of 6 to 0.

Provide comment to the TACs' recommendations regarding the 2018 changes to the I-codes that are needed to accommodate the specific needs of this state (Residential) (cont.):

Alan Gremillion: (IRC-Building)

RB 198-16 No Impact
RB 249-16 No Impact

Commissioner Goff: (IRC Plumbing)

RB 2-16 No Impact
RB 5-15 No Impact – possible savings

Bill Smock with Commissioner Goff:

RP 10-15 Cost Impact

MOTION:

Mr. Smock entered a motion stating there would be a cost impact if the local AHJ was not already enforcing this requirement. Mr. Gremillion seconded the motion.

COST DISCUSSION:

There was a discussion held among the work group regarding what cost they should use for purposes of reporting to the Commission. It was determined they should use the cost passed on to the consumer.

REVISED MOTION:

Mr. Smock entered a revised motion stating that there would be a cost impact if the local AHJ was not already enforcing this requirement. The total cost passed on to the consumer would be \$45.00. Mr. Gremillion seconded the motion. The motion passed unanimously with a vote of 6 to 0.

RP 12-15 No Impact
RP 13-15 Cost Impact

MOTION:

Commissioner Goff entered a motion that there will be an increase that aligns with the IPC with a cost of \$60.00 for existing construction and \$10.00 for new construction. Commissioner Smith seconded the motion. The motion passed unanimously with a vote of 6 to 0.

RP 14-15 No Impact
RP 16-15 No Impact
RP 17-15 No Impact

Provide comment to the TACs' recommendations regarding the 2018 changes to the I-codes that are needed to accommodate the specific needs of this state (Residential) (cont.):

P 3-15 Part II No Impact

Commissioner Goff: (IRC Plumbing)

Part 19-15 Part II No Impact

P 20-15 Part II No Impact

P 51-15 Part II No Impact

P 53-15 Part II No Impact

P 55-15 Part II No Impact

P 93-15 Part II No Impact

P 98-15 Part II Potential cost impact and potential overlapping provision. Mr. Belcher indicated he will request this be pulled from the Commission's October agenda.

P 113-15 Part II No Impact

P 115-15 Part II No Impact

P 124-15 Part II No Impact

P 132-15 Part II No Impact

Bill Smock: (IRC Plumbing)

P 135-15 Part II No Impact

P 170-15 Part II No Impact

P 174-15 Part II No Impact

P 178-15 Part II No Impact

P 181-15 Part II No Impact

P 184-15 Part II No Impact

P 191-15 Part II No Impact

P 195-15 Part II No Impact

P 197-15 Part II No Impact

P 198-15 Part II No Impact

P 202-15 Part II No Impact

P 204-15 Part II No Impact

P 203-15 Part II No Impact

P 205-15 Part II No Impact

P 215-15 Part II No Impact

P 220-15 Part II No Impact

P 221-15 Part II No Impact

Provide comment to the TACs' recommendations regarding the 2018 changes to the I-codes that are needed to accommodate the specific needs of this state (Residential) (cont.):

Bill Smock: (IRC Plumbing)

P 226-15 Part I Cost Impact

MOTION:

Mr. Smock entered a motion stating if allowed by the AHJ there would be a cost of approximately \$100.00. Mr. Arsenault seconded the motion. The motion passed unanimously with a vote of 6 to 0.

P279-15 Part II No Impact

Commissioner Smith: IRC Mechanical

RM 11-15 No Impact
RM 12-15 Cost Impact

MOTION:

Mr. Arsenault entered a motion that there will be a cost increase of \$150 to \$1,000 depending on the length of the wall. Commissioner Smith seconded the motion. The motion passed unanimously with a vote of 6 to 0.

Lee Arsenault: IRC Electrical

FR 15 No Impact
FR 1501 No Impact
FR 1502 No Impact
FR 1820 No Impact
FR 1828 No Impact
FR 2405 No Impact
FR 2406 No Impact
FR 2407 No Impact
FR 2408 No Impact
FR 2417 No Impact
FR 2418 No Impact

Bryan Holland, NEMA stated this is editorial and is required.

Provide comment to the TACs' recommendations regarding the 2018 changes to the I-codes that are needed to accommodate the specific needs of this state (Residential) (cont.):

FR 330 Cost Impact

MOTION:

Commissioner Smith entered a motion stating there would be an increase of \$75 to \$100. Mr. Smock seconded the motion. The motion passed unanimously with a vote of 6 to 0.

FR 337 No Impact

Lee Arsenault: IRC Electrical

FR 3371 No Impact
FR 35 No Impact
FR 357 No Impact (Relocation of 210.18)
FR 357 No Impact (Relocation of 210.3 to 210.18)

Commissioner Smith: (IRC Electrical)

FR 37 No Impact
FR 39 No Impact
FR 40 No Impact
FR 41 No Impact
FR 4811 No Impact
FR 4812 No Impact
FR 4822 No Impact
FR 4833 No Impact
FR 4872 No Impact
FR 4876 No Impact
FR 601 No Impact
FR 602 No Impact
FR 607 No Impact
FR 608 No Impact
FR 609 No Impact
FR 611 No Impact
FR 619 No Impact
FR 630 No Impact (725.179(A)[E4303.2])
FR 630 No Impact (725.179(B)-(F) and (H)[E4303.2])
Global SR 916 No Impact

Provide comment to the TACs' recommendations regarding the 2018 changes to the I-codes that are needed to accommodate the specific needs of this state (Residential) (cont.):

Alan Gremillion: (IRC-Electrical)

SCR 22	No Impact
FR 43	No Impact
SCR 54	Cost Impact

MOTION:

Mr. Arsenault entered a motion stating there will be an increase of \$7.50 per switch. Commissioner Smith seconded the motion. The motion passed unanimously with a vote of 6 to 0.

Bryan Holland, NEMA stated this is already in the code today and exceptions were changed with a pointer to the new electronic switches with specific requirements.

REVISED MOTION:

Mr. Gremillion entered a motion stating there will be a cost of \$7.50 per switch if selected for the home. Mr. Arsenault seconded the motion. The motion passed unanimously with a vote of 6 to 0.

SR 1217	No Impact, Bryan Holland NEMA, stated that the section was changed to a list form. This is not a technical change.
SR 14	No Impact
SR 16	No Impact
SR 17	No Impact
SR 1802	No Impact
SR 1807	No Impact
SR 2401	No Impact
SR 2402	No Impact
SR 2404	No Impact
SR 2405	No Impact

Mike Keesee (IRC Electrical):

SR 2701	No Impact	
SR 306	No Impact	
SR 307	No Impact	
SR 308	No Impact	
SR 309	No Impact	210.52(C)[E3901.4]
SR 309	No Impact	210.52(C)(1)[E3901.4.1]
SR 309	No Impact	210.52(C)(3)[E3901.4.3]

Provide comment to the TACs' recommendations regarding the 2018 changes to the I-codes that are needed to accommodate the specific needs of this state (Residential) (cont.):

SR 309	No Impact	210.52(C)(5)[E3901.4.5]
SR 310	No Impact	
SR 316	No Impact	

Ray Puzzitiello (IRC Electrical):

SR 317	No Impact
SR 325	Cost Impact

MOTION:

Mr. Gremillion entered a motion for an increase of \$150.00 if used per application on stairways. Commissioner Goff seconded the motion. The motion passed unanimously with a vote of 6 to 0.

SR 326	No Impact
SR 4804	No Impact

Ray Puzzitiello (IRC Electrical):

SR 4805	No Impact	
SR 4806	No Impact	
SR 5101	No Impact	
SR 5102	No Impact	
SR 5106	No Impact	406.5(E) [E4002.7], [E4002.6], [E4002.15], [E4002.16]
SR 5106	No Impact	406.5(F) [E4002.7]
SR 5106	No Impact	406.5(G) [E4002.7]
SR 5110	No Impact	
SR 603	No Impact	
SR 612	No Impact	
SR 615	No Impact	
SR 905	No Impact	
SR 910	No Impact	

Mike Keesee (IRC-Electrical/Swimming Pool):

FR 4873	No Impact
SR 4816	No Impact
SCR 43	No Impact
SR 4818	No Impact
FR 4856	No Impact

Provide comment to the TACs' recommendations regarding the 2018 changes to the I-codes that are needed to accommodate the specific needs of this state (Residential) (cont.):

FR 4819	No Impact
FR 4858	No Impact
FR 4862 and SCR 42	No Impact
SR 4821	No Impact
SR 4829	No Impact
FR 4865	No Impact
FR 4867	No Impact
SR 4825	No Impact
FR 4870	No Impact

Alan Gremillion (IRC- Building Structural):

RB 160-16 Cost Impact

MOTION:

Mr. Gremillion entered a motion that the increase could be up to \$2092 and showing a possible savings of \$1084 for current construction if not being enforced at the AHJ level. Mr. Arsenault seconded the motion. The motion passed unanimously with a vote of 6 to 0.

Alan Gremillion (IRC- Building Structural):

RB 161-16 Cost Impact

MOTION:

Mr. Gremillion entered a motion that the increase could be up to \$11,107 and showing a possible savings of \$823 for current construction if not being enforced by the AHJ. Mr. Arsenault seconded the motion. The motion passed unanimously with a vote of 6 to 0.

Alan Gremillion (IRC- Electrical Building):

RB 164 No Impact
RB 171-16 Cost Impact, Bryan Holland, NEMA provided a detailed explanation.

MOTION:

Mr. Gremillion entered a motion for an increase cost potential if the AHJ is not insuring the standards are being met. Mr. Arsenault seconded the motion. The motion passed unanimously with a vote of 6 to 0.

Provide comment to the TACs' recommendations regarding the 2018 changes to the I-codes that are needed to accommodate the specific needs of this state (Residential) (cont.):

Commissioner Smith: (IECC Residential)

CE 248-16 Part II	No Impact
RE 5-16	No Impact
RE 64	No Impact
RE 65	No Impact
RE 71-16	Cost Impact

MOTION:

Commissioner Smith entered a motion for an increase of \$150.00. Mr. Gremillion seconded the motion. The motion passed unanimously with a vote of 6 to 0.

RE 149-16	No Impact
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Jeremy Stewart: (IFGC-Fuel Gas)

FG 1-15	No Impact
FG 3-15	No Impact
FG 4-15	No Impact
FG 5-15	No Impact
FG 6-15	No Impact
FG 7-15	No Impact
FG 8-15	No Impact

Jeremy Stewart: (IFGC-Fuel Gas and IFGC-IFGC-NFPA54 Fuel Gas)

FG 10-15	No Impact
FG 12-15	No Impact
FG 24-15	No Impact
FG 25-15	No Impact
FG 26-15	No Impact
FG 29-15	No Impact
FG 31-16	Cost Impact

MOTION:

Mr. Smock entered a motion for an increase cost potential cost of \$22.50. Commissioner Smith seconded the motion. The motion passed unanimously with a vote of 6 to 0.

Provide comment to the TACs' recommendations regarding the 2018 changes to the I-codes that are needed to accommodate the specific needs of this state (Residential) (cont.):

FG 32-15	No Impact
FG 33-15	No Impact
FG 34-15	No Impact
FG 37-15	No Impact
FG 40-15	No Impact
FG 43-15	No Impact
F 274-16	No Impact
FG 11-15	No Impact

Mr. Campbell asked whether the members experience any ill effects from ICC's reorganization of code provisions. The group stated that as long as the substance of the code doesn't change then they really are not impacted.

They felt that the group most impacted by the reorganizations is the building officials.

Public Comment:

Doug Buck, FHBA, spoke to the group regarding the areas that were not being represented and the need to get someone appointed to the group. He asked for their input and recommendations. He also reminded the group to be sure they are working on the cost which is the most important part of this group.

Adjournment:

Mr. Arsenault entered a motion to adjourn. Mr. Smock seconded. The motion passed unanimously and the meeting adjourned at 11:55 a.m.