

**Energy Code Commission**  
**September 27th, 2022**  
**10:00 A.M.**  
**8181 Independence Blvd**  
**Baton Rouge, Louisiana 70806**  
**Meeting Minutes**

Ms. Jackie Dadakis welcomed all present and **called the meeting to order at 10:09 am**

The Pledge of Allegiance was recited.

Ms. Dadakis requested a roll call of the members, which reflected the following:

Members Present: Mr. Metcalf, Mr. Z Smith, Mr. Bonaventure; Mr. Kraft, Ms. Morris (10:12), Mr. Cardwell, Mr. Visser, Mr. Parks, Mr. Landry (10:28), Ms. Evans, Mr. Kincel, Mr. Bell, Ms. Dadakis,

Members Absent: Mr. Naquin, Mr. O'Brien, Mr. Morris

Excused absence: Mr. Naquin, Mr. O'Brien, Mr. Morris

13 members present and 3 members absent constitute a Quorum.

**OLD BUSINESS:**

**1. Review proposed meeting dates for conflicts.**

Correction of Mr. to Ms. for Ms. Evans will be made in the minutes.

A motion was made to accept the minutes from the September 8<sup>th</sup>, 2022, meeting with the correction of Mr. to Ms. for Ms. Evans. Motion made by Mr. David Bonaventure. Mr. Mike Metcalf seconded the motion. There were no objections, and the minutes were accepted into the record with correction.

**NEW BUSINESS:**

**1. Review and discussion of 2021 IECC and 2021 International Residential Code Chapter 11**

**Ms. Dadakis stated that Mr. Mark Roberts would be assisting the commission with putting the code up on the large screen to help with the proposed amendment process.**

Mr. Bobby Parks asked if there was any way possible to provide a list of the proposed amendments for the commission to see and review prior to each meeting. Ms. Dadakis stated that they would keep working with the Excel spreadsheet she had created. She would be updating the spreadsheet with new proposed amendments as they were presented to the commission to review.

**From the spreadsheet:**

**Section C102.1** – Suggest adding an amendment clarifying who the code official is and how the alternative should be submitted for approval.

Ms. Dadakis noted that would not need to amend the text of 102.1 but there are questions on how the enforcement of the code will happen within the jurisdictions. Mr. Visser stated that this was more about alternative design than enforcement. Ms. Dadakis noted that reading the code line by line would not give the committee time to finish. Presenting amendments and concerns for the commission to work off of would be an easier and quicker way to review and amend the code and complete the review by the time frame given. Proposed amendments can be sent at anytime and will be added for the commission review and consideration.

Ms. Evans asked if third party providers would be addressed in 102.1. Ms. Dadakis noted this would be handled by the jurisdiction contracting those individuals and also there is legislation that addresses third party providers.

**Section C103.2** - Ms. Dadakis asked Mr. Roberts to speak about the energy compliance path. Mr. Roberts clarified this to the commission and the reference sections.

**Section C301.2** – Discussion by the commission members concerning the term “warm humid” climate in the parishes of Louisiana.

A **motion was made** by Mr. Charles Visser to add E. Carroll and W. Carroll to the list as a ‘hot humid climate’. Mr. David Bonaventure seconded the motion. The floor was opened for discussion. A vote was taken from the members of the commission present. All in favor, no objections. The **motion passed unanimously**.

#2 and #3 are known as thermal loads, the number of hot and cold days. Mr. Charles Visser stated that keeping the #2 and #3 is applicable and where the line is drawn in the code is interesting. Mr. Bobby Parks stated he was in support of keeping 2 and 3 as is on the map at this time. He also stated his concerns in changing the map would cause a lot of confusion in the industry.

**Section C401.2.2** – Mr. David Bonaventure discussed concerns and asked if adding a “current addition” reference was needed so that others would understand that commercial buildings must comply with the requirements of ANSI/ASHRAE/IESNA 90.1

A **motion was made** by Mr. Charles Visser to add a reference to C401.2.2 to the paragraph in order to make sure that others know this would lead to ASHRAE 90.1. This **motion was withdrawn** after a lengthy discussion and concerns that adding references and pointers may cause more issues once the code is used in the field.

**Section C401.3 – Thermal Envelope Certificates** – No motion needed this was for clarification only to make sure that working was correctly stated to make sure the code covered who would be the approving party.

**Section C402.1.3 – Insulation component R-Value based method** – Mr. Smith questioned in commercial settings, is slab edge insulation wise.

A **motion was made** by Mr. Z Smith to remove the reference to Table C402.1.3 slab insulation for unheated slabs for Group R under Climate Zone 3 remove the requirement for those following the prescriptive path. The Table would change to NR. Mr. Bobby Parks **seconded the motion**. The floor was opened for discussion. A vote was taken from the commission members present. 13 Yes, 0 Nays The **motion passed unanimously**.

The Chair, Ms. Dadakis moved the commission to the next Section of concern – 402.5

**Section C402.5.5 – Rooms containing fuel burning appliances.** This concern was for clarification and explanation only for a design and code professional. It did not need a motion for amendment. Mr. Roberts talks about “space conditioning” and the ceiling off that room.

**Section C402.5.9 – Exception 1 Buildings in Climate Zones 0 -2 -** Pertaining to buildings with a square footage over 3,000 sq. ft., vestibules are an exception.

A **motion was made** to change Exception 1 in C402.5.9 – Buildings in Climate Zones 0-2 to Buildings in Climate Zones 0-1. Mr. David Bonaventure made the motion. Mr. Charles Visser **seconded the motion**. The floor was open for discussion. The Chair asked for a vote of the commission members present with 13 Yes, 0 Nays. The **motion passed unanimously**.

### **Section C403.5 – Economizers**

A **motion was made** by Mr. David Bonaventure to change the wording in paragraph 2 “or equal to 54,000 btuh” to “or equal to 65,000 btuh”, also change the KW to coincide with the btuh. Mr. Charles Visser **seconded the motion**. The floor was open for discussion. The Chair asked for a vote of the commission members present with 13 Yes, 0 Nays. The **motion passed unanimously**.

### **Section C403.5 Table C403.5(1) – Chiller Capacities**

Mr. Roberts will be looking into why the amounts are off in Table 1. Item was tabled until a future meeting and more information is obtained to why the capacities numbers fluctuate so drastically in Table 1.

### **Section C403.5 Table C403.5(2) – Cooling Equipment Performance Improvement**

Tabled for further discussion and information requested. How does this Table get referenced to C403.5.2 Exception 5 but at this time it is pointing to C403.5 to Table C403.5(2)

**Section 403.5 Exception 1 (motion made and revised)**

**A motion was made** by Mr. Charles Visser to add Zone 2A and 3A to Exception 1. Mr. Bobby Parks **seconded the motion**. The floor was open for discussion. After discussion from commission members, The Chair asked for a vote of the commission members present with 13 Yes, 0 Nays. The **motion passed unanimously**

**\*The above motion was briefly tabled until discussion and decision concerning temperature Controls – see below.**

**Section C403.5 Exception 6 – Temperature Control**

**A motion was made** by Mr. Charles Visser to add in 403.5 Exception 6 to include C403.10.6 as part of the exception. Mr. David Bonaventure **seconded the motion**. The floor was open for discussion. After discussion from commission members, The Chair asked for a vote of the commission members present with 13 Yes, 0 Nays. The **motion passed unanimously**

**Section C403.5.3.3 – Table C403.5.3.3**

**A motion was made** to remove/strike 2A and 3A from the fixed dry climate zone in Table C403.5.3.3. Mr. Charles Visser **seconded the motion**. The floor was open for discussion. After discussion from commission members, The Chair asked for a vote of the commission members present with 13 Yes, 0 Nays. The **motion passed unanimously**

**\*The commission then moved back to Table C403.5 Exception 1 to re-address the motion.**

**Section C403.12.3 – Revise Exception 6 to 105 degrees** – after discussion it was determined that this did not need to be changed. It was noted that Exception 3 took care of the condensing water piping therefore the concern is being addressed.

**Section C403.2.3 – Fault Detection and Diagnostics**

Mr. Metcalf asked for clarification from the commercial side concerning interpretation of the intent of C403.2.3 and the 15-minute interval of notification of temperature changes. 15 minutes is used, not to have the AC unit cycling every 15 minutes but that the temperature system should be checked and monitored every 15 minutes to keep a system from overuse or for notification of any maintenance concerns with the HVAC system.

**Section C403.3.2.1 – Tables (1) through (16) -**

Mr. Charles Visser addressed the concerns with DOE requirements and manufacturers having to meet the higher efficiency standards in their HVAC equipment.

**Section C403.4.1 – Thermostatic Controls**

A recommendation was made by Mr. Z Smith to add wording to the end of the exception – “Where cooling is provided, the system shall be capable of limiting humidity levels to 60% relative humidity without cooling more than 3 deg. F below the space temperature set point. Freestanding dehumidification equipment may be used to meet this requirement.”

It was suggested that this be something the commission needs to research and table until the next meeting to work on verbiage that would best to provide the intent. Mr. Jason Adcock with DSDL Homes, suggested that the commission consider used 65% relative humidity instead of 60% to coincide with ASHREA Standard 62.1, that refers to relative humidity to be controlled at 65% or less in occupied spaces.

The next meeting will be to work on amendments on the commercial side of the IECC and then to move to the residential side.

The Chair, Ms. Dadakis, asked if there was any other business to discuss. With no other items on the agenda or discussion, a motion was made by Mr. Z Smith to adjourn. Mr. Bobby Parks seconded the motion. The meeting was adjourned at 12:03 PM.

END OF MINUTES