

**MINUTES**  
**2015 International Energy Conservation Code Task Force**  
**Ninth Meeting**  
**September 21, 2017, 10:00 A.M.**

**Call to order-** Chairman, Joel Rodriguez called the meeting to order at 10:10 A.M. by welcoming and introducing Task Force members, Department of Community Affairs (DCA) staff, and guests. (See the last page of the minutes for a list of attendees).

**Approval of Minutes-** The minutes from the August 15, 2017, Task Force meeting were reviewed. *A motion was made by Ryan Taylor and seconded by Andre Papageorge to approve the minutes as written.*

**Motion Carried Unanimously**

**Items 1-6 of DCA Report, Published on 09/20/2017 (Chapter 1 - Commercial)**

*A motion was made by James Martin and seconded by Andrea Papageorge to approve C101.1 'Title', C101.6 'Requirements for high-efficiency cooling towers', C104 'INSPECTIONS', C107 'FEES', C108 'STOP WORK ORDER' and C109 'BOARD OF APPEALS' as written. **Motion Carried Unanimously***

**Items 7 and 9 of DCA Report, Published on 09/20/2017 (Chapter 2 - Commercial)**

*A motion was made by Mike Barcik and seconded by Ryan Taylor to approve C202, COEFFICIENT OF PERFORMANCE (COP) – COOLING and C202, COOLING TOWER as written. **Motion Carried Unanimously***

**Item 8 of DCA Report, Published on 09/20/2017 (Chapter 2 - Commercial)**

*A motion was made by Andrea Papageorge and seconded by Mike Barcik to carry forward C202, CONDITIONED SPACE definition as written in 2011 GA amendments. **Motion Carried Unanimously***

**Item 10 of DCA Report, Published on 09/20/2017 (Chapter 2 - Commercial)**

*A motion was made by Andrea Papageorge and seconded by Mike Barcik to revise C202, ON-SITE RENEWABLE ENERGY definition by replacing "landfill gas" with "biogas". Remainder of the section left unchanged. **Motion Carried Unanimously***

**Item 23 of DCA Report, Published on 09/20/2017 (Chapter 6 - Commercial)**

*A motion was made by Ryan Taylor and seconded by Mike Barcik to approve Chapter 6, Referenced Standards- Commercial as written. **Motion Carried Unanimously***

**Items 24 - 29 of DCA Report, Published on 09/20/2017 (Chapter 1 - Residential)**

*A motion was made by James Martin and seconded by Lauren Westmoreland to approve R101.1 'Title', R103 'CONSTRUCTION DOCUMENTS', R104 'INSPECTIONS', R107 'FEES', R108 'STOP WORK ORDER' and R109 'BOARD OF APPEALS' as written. **Motion Carried Unanimously***

**Item 30 of DCA Report, Published on 09/20/2017 (Chapter 2 - Residential)**

*A motion was made by Mike Barcik and seconded by Max Rietschier to approve R202, ATTIC KNEEWALL definition as written. **Motion Carried Unanimously***

**Item 32 of DCA Report, Published on 09/20/2017 (Chapter 2 - Residential)**

*A motion was made by Andrea Papageorge and seconded by Mike Barcik to carry forward R202, CONDITIONED SPACE definition as written in 2011 GA amendments. **Motion Carried Unanimously***

**Item 33 of DCA Report, Published on 09/20/2017 (Chapter 2 - Residential)**

A motion was made by Andrea Papageorge and seconded by Neal Davis to Revise R202, ON-SITE RENEWABLE ENERGY definition by replacing “landfill gas” with “biogas”. Remainder of the section left unchanged. **Motion Carried Unanimously**

**Item 35 of DCA Report, Published on 09/20/2017 (Chapter 4 - Residential)**

A motion was made by Lauren Westmoreland and seconded by Neal Davis to Revise R401.3 Certificate (Mandatory) as follows. **Motion Carried Unanimously**

**R401.3 Certificate (Mandatory).** A permanent certificate shall be completed by the builder or registered design professional and posted ~~a wall in the space where the furnace is located, a utility room or an approved location inside the building~~ on or near the electrical distribution panel or air handler. Where located on ...

(Middle of section left unchanged) ...water heating equipment. Refer to Appendix RD for the Mandatory Compliance Certificate that shall be used. (Remainder of section left unchanged)

The above referenced form, Mandatory Compliance Certificate is available to download for free from DCA’s webpage located at:

[http://dca.ga.gov/development/constructioncodes/programs/documents/2019GeorgiaEnergyCodeCertificate09.21.17\\_FILLABLE.pdf](http://dca.ga.gov/development/constructioncodes/programs/documents/2019GeorgiaEnergyCodeCertificate09.21.17_FILLABLE.pdf)

**Item 38 of DCA Report, Published on 09/20/2017 (Chapter 4 - Residential)**

A motion was made by Mike Barcik and seconded by Neal Davis to Revise Table R402.1.6, Minimum Insulation R-Values for Envelope Components When Trade-Offs Are Used as follows. **Motion Carried Unanimously**

<b>Table R402.1.6 MINIMUM INSULATION R-VALUES FOR ENVELOPE COMPONENTS WHEN TRADE-OFFS ARE USED</b>										
<u>Climate Zone</u>	<u>Wood<sup>a</sup> Framed Walls</u>	<u>Mass<sup>a, b</sup> Wall</u>	<u>Attic<sup>a, c</sup> Kneewall</u>	<u>Basement<sup>a</sup> Wall</u>	<u>Crawl<sup>a</sup> Wall</u>	<u>Floor Over Unheate d Spaces</u>	<u>Ceilings with Attic Space</u>	<u>Vaulted<sup>c, d</sup> Unvented Attic Roofline Air-impermeable</u>	<u>Vaulted<sup>c, d</sup> Unvented Attic Roofline Air-permeable</u>	<u>Cathedralized<sup>c, d</sup> Ceiling Roofline Air-permeable</u>
<u>2</u>	<u>13</u>	<u>4</u>	<u>18</u>	<u>0</u>	<u>0</u>	<u>13</u>	<u>30</u>	<u>20</u>	<u>20+5*</u>	<u>20</u>
<u>3</u>	<u>13</u>	<u>5</u>	<u>18</u>	<u>5</u>	<u>5</u>	<u>13</u>	<u>30</u>	<u>20</u>	<u>20+5*</u>	<u>20</u>
<u>4</u>	<u>13</u>	<u>5</u>	<u>18</u>	<u>5</u>	<u>5</u>	<u>13</u>	<u>30</u>	<u>20</u>	<u>20+15*</u>	<u>20</u>
<u>Window U-Factor 0.5 max with SHGC 0.30 max</u>								<u>* Air -impermeable as per IRC 806.5</u>		
<u>a: Weather-stripped hinged vertical doors (minimum R-5 insulation or maximum U-0.20), weather-stripped hatches/scuttle hole covers (minimum R-19 insulation or maximum U-0.05), or weather-stripped and disappearing/ pull-down stairs (minimum R-5 insulation or maximum U-0.20) shall be deemed to meet the minimum insulation R-values of the corresponding envelope element.</u>										
<u>b: Any mass wall (masonry, CMU, etc.)</u>										
<u>c: Attic kneewall for the purpose of this code is defined as any vertical or near vertical wall in the building envelope that has conditioned space on one side and attic space on the other side.</u>										
<u>Exception: When the building roofline is insulated, the former kneewall is classified as an interior wall.</u>										
<u>d: Examples of air-impermeable insulation include spray foam and rigid foam board. Examples of air-permeable insulation include fiberglass batts and cellulose. See ‘Roofline Installed Insulation Options’ in Appendix RA, of these Georgia State Supplements and Amendments for details.</u>										

**Item 40 of DCA Report, Published on 09/20/2017 (Chapter 4 - Residential)**

A motion was made by Mike Barcik and seconded by Neal Davis to approve R402.2.3 Eave baffle as written. **Motion Carried Unanimously**

**Item 41 - 43 of DCA Report, Published on 09/20/2017 (Chapter 4 - Residential)**

A motion was made by Lauren Westmoreland and seconded by Mike Barcik to approve R402.2.4 Access hatches and doors, R402.2.11 Crawl space walls and R402.3.4 Opaque door exemption as written. **Motion Carried Unanimously**

**Item 44 of DCA Report, Published on 09/20/2017 (Chapter 4 - Residential)**

A motion was made by Lauren Westmoreland and seconded by Ryan Taylor to revise R402.4.1.1 Installation as follows. **Motion Carried Unanimously**

**R402.4.1.1 Installation.** (Beginning of the section left unchanged)

See Appendix RA 'AIR BARRIER AND INSULATION INSTALLATION COMPONENT GUIDE' of these Georgia State Supplements and Amendments for a graphical representation of the items listed above.

**Item 51 of DCA Report, Published on 09/20/2017 (Chapter 4 - Residential)**

A motion was made by Mike Barcik and seconded by Lauren Westmoreland to approve R403.1.2.3 Primary heat source as written. **Motion Carried Unanimously**

**Item 57 of DCA Report, Published on 09/20/2017 (Chapter 4 - Residential)**

Andrea Papageorge expressed her concerns regarding adding ASHRAE 62.2 – 2016 as a reference standard and it was requested to revisit this item.

*A motion was made by Andrea Papageorge and seconded by Scott Walters to disapprove R403.6 Mechanical ventilation (Mandatory) and this code section to remain unchanged.*

*Andrea Papageorge, James Martin, Scott Walters, Neal Davis and Mark Gallman voted to disapprove item 57. **Motion Got Defeated***

**Item 59 of DCA Report, Published on 09/20/2017 (Chapter 4 - Residential)**

A motion was made by Ryan Taylor and seconded by Neal Davis to revise R403.13 Power attic ventilators as follows. **Motion Carried Unanimously**

**R403.13 Electric powered attic ventilators.** In new construction, electric powered attic ventilators shall not be connected to the Service supply premise wiring system. Solar photovoltaic (PV) powered attic ventilators shall be permitted.

**Item 63 of DCA Report, Published on 09/20/2017 (Chapter 6 - Residential)**

A motion was made by John Pruitt and seconded by Stephen Adams to revise Chapter 6 - Residential as follows. **Motion Carried Unanimously**

Add IAPMO IGC 346 to referenced standards chart.

**Item 65 of DCA Report, Published on 09/20/2017 (Appendices - Residential)**

A motion was made by Neal Davis and seconded by Andrea Papageorge to approve Appendix RC, Third Party Verification as written. **Motion Carried Unanimously**

*A motion was made by Ryan Taylor and seconded by Neal Davis to recommend to the State Code Advisory Committee (SCAC) to adopt the International Energy Conservation Code (IECC), 2015 Edition with the approved 67 amendments. **Motion Carried Unanimously***

Chairman Joel Rodriguez and Vice-Chairman Ryan Taylor will present the recommendation of this Task Force to the SCAC on November 16, 2017.

**OLD BUSINESS.** There was no further old business.

**NEW BUSINESS.**

Task Force Members received the Certificate of Appreciation for their expertise, time and efforts during the adoption process.

**CONCLUSION OF MEETING**

- Chairman Rodriguez announced this meeting was the final meeting of this Task Force.
- No further business or discussion. The meeting adjourned at 1:10 P.M.

**Attendees**

**Task Force Members Present:** Joel Rodriguez, Ryan Taylor, Mike Barcik, Kelly Cutts, Neal Davis, Max Rietschier, Andrea Papageorge, James Martin, Mark Gallman, John Pruitt, Scott Walters and Lauren Westmoreland.

**Task Force Members Absent:** Jim Moody, David Hirsch, Elaine Powers and Ron Anderson.

**Staff Members Present:** Ted Miltiades, Seti Ordoobadi, Bill Towson, Soli Nicolson, Matt McConnell, Austin Dyer and Kadedra Caldwell.

**Guests:** Bryan Holland, NEMA; Nick Wortel, APA; Phil Brown, ICYNENE; Bettie Sleeth, HBAG; Nick Wortel, APA; Stan Everett, SALS O'Brien; Brian Shanks, Beazer Homes; Connor Barbaree, ASHRAE; Adam Rixey, SESCO; Jeff West, ICF and Loyed Fasselt, City of Acworth.

**End of Minutes.**