



Setting the Standards for Home Energy Efficiency

Results of RESNET Board Reconsideration Electronic Ballot on RESNET Staff Proposed Amendments to the 2021 International Energy Conservation Code

January 17, 2019

On the January 10, 2019 the RESNET Board had an electronic vote on RESNET staff proposed amendments to the 2021 IECC. There were two ballots that received negative ballots:

Ballot 2

Shall the RESNET Board endorse RESNET staff submitting the proposed Update to Standard 380 to reference 2019 version amendment to the 2021 IECC?

Yes – 15	No – 1	Abstain – 2	Not Voting - 1
Jim Amarin	Clayton Morris	Jacob Atalla	Bob Eipert
David Beam		Mark Johnson	
Dave Bell			
Emelie Cuppernell			
Philip Fairey			
Matt Gingrich			
David Goldstein			
Andrew Harris			
John Hensley			
Roy Honican			
Cy Kilbourn			
Abe Kruger			
Paulette McGhie			
Chris McTaggart			
Curt Rich			
Clayton Traylor			

Clayton Morris voted no for the following reason:

Some of the calculating methodologies in the Standard 380 are contradictory to code testing and provide an unlevel playing field, though this could be a product of a lack of clarification. I believe the testing needs to be clarified for the whole code, and not just the ERI path. For example: Single Point BD Testing Penalty. Also, the ventilation testing still needs more work and I do not want to endorse this standard until it better addresses those issues.

Because of the negative vote a reconsideration ballot was taken. The result of the reconsideration ballot is below:

Shall the RESNET Board endorse RESNET staff submitting the proposed Update to Standard 380 to reference 2019 version amendment to the 2021 IECC?

Yes - 16	No - 1	Abstain - 1	Not Voting - 1
Jim Amarin	Clayton Morris	Mark Johnson	Bob Eipert
Jacob Atalla			
David Beam			
Dave Bell			
Emelie Cuppernell			
Philip Fairey			
Matt Gingrich			
David Goldstein			
Andrew Harris			
John Hensley			
Roy Honican			
Cy Kilbourn			
Abe Kruger			
Paulette McGhie			
Chris McTaggart			
Curt Rich			
Clayton Traylor			

The RESNET Board endorsed the proposed amendment

Ballot 4

Shall the RESNET Board endorse RESNET staff submitting the proposed Revision of the 2018 IECC amended ERI on ventilation amendment to the 2021 IECC?

Yes - 14	No - 2	Abstain - 3	Not Voting - 1
Jim Amarin	Clayton Morris	Jacob Atalla	Bob Eipert
David Beam	Curt Rich	Mark Johnson	
Dave Bell		Clayton Traylor	
Emelie Cuppernell			
Philip Fairey			
Matt Gingrich			
David Goldstein			
Andrew Harris			
John Hensley			
Roy Honican			
Cy Kilbourn			
Abe Kruger			
Paulette McGhie			

Chris McTaggart			

Clayton Morris voted no because:

As we have experienced in rating homes throughout diverse building climates, the ventilation rate is contingent upon many factors, including but not limited to humidity levels. We have seen a spike in homes with air quality issues due to over ventilation and have guided builders on repair plans. With this in mind, I do not believe aligning the RESNET HERS Index with that standard, and no longer crediting the home for reduced levels, even ones that meet the state adopted codes, is our best plan of action in the marketplace. I believe the best course of action, since ventilation is such a complex, and often contentious conversation, is to be completely neutral. I state this because, over time, I think the ventilation equipment manufacturers are going to produce smarter systems that actually measures indoor VOC levels and the ventilation will be variable based upon conditions. Also, I suspect that ventilation could be altered per locality if the building department recognizes the need for change. The coastal regions of many markets have had issues with ventilation increases in the home.

Curt Rich voted no because:

Rationale: The ERI path, when adopted by states, is in many instances amended so that it becomes a watered down, lenient path for code compliance. Target numbers are relaxed, mandatory backstop provisions removed and attempts are made to replace efficiency with rooftop solar. This severely damages the RESNET/HERS brand as a gold standard for efficient homes. The current ventilation standard actually increases the stringency of the ERI path in the model code. Though such a result may have been inadvertent, perhaps it will help ameliorate the damage that is otherwise being done to the ERI path through state code adoption. My vote leads to a larger question of whether the ERI path for code compliance is supportable in the 2021 code and beyond. Efforts by some to use the ERI path to erase the substantial efficiency gains realized in the 2009-2012 model code updates leads me to the conclusion that the ERI path may have been a well intentioned, but failed experiment.

Because of the negative vote a reconsideration ballot was taken. The result of the reconsideration ballot is below:

Shall the RESNET Board endorse RESNET staff submitting the proposed Revision of the 2018 IECC amended ERI on ventilation amendment to the 2021 IECC?

Yes - 15	No - 2	Abstain - 3	Not Voting - 1
Jim Amarin	Clayton Morris	Mark Johnson	Bob Eipert
Jacob Atalla	Curt Rich	Clayton Traylor	
David Beam			
Dave Bell			
Emelie Cuppernell			
Philip Fairey			
Matt Gingrich			

David Goldstein			
Andrew Harris			
John Hensley			
Roy Honican			
Cy Kilbourn			
Abe Kruger			
Paulette McGhie			
Chris McTaggart			

The RESNET Board endorsed the proposed amendment