



Setting the Standards for Home Energy Efficiency

Approved Minutes RESNET Board of Directors Meeting April 13, 2021

Board Members Present	Board Members Absent	Staff Present
Jim Amarin Jacob Atalla David Beam Dave Bell Lindsey Elton Philip Fairey Matt Gingrich Emelie Cuppernell Glitch David Goldstein Kathy Howard John Hensley Mark Johnson Cy Kilbourn Abe Kruger Chris McTaggart Curt Rich Brian Shanks Clayton Traylor	Paulette McGhie	Steve Baden Emma Bennett Valerie Briggs Christine Do Scott Doyle Laurel Elam Billy Giblin Cardice Howard Ryan Meres Others Present Molly Berg, Habitat for Humanity Alice Rosenberg, CEE

Meeting Called to Order

RESNET Board President John Hensley called the meeting to order at 3:00 p.m. Eastern Time.

Roll Call

Philip Fairey, RESNET Board Secretary called roll. A quorum was present.

Approval of Agenda

Jim Amarin moved to approve the draft agenda sent to Board members prior to the meeting. Dave Bell seconded the motion. Motion approved by voice vote.

RESNET Anti-Trust Policy

Curt Rich reminded the RESNET Board of the RESNET Anti-Trust Policy that was sent to Board members prior to the meeting.

Approval of Draft February 9, 2021 Board Meeting Minutes

Philip Fairey made a motion to approve the February 9, 2021 RESNET Board meeting draft minutes that were sent to the Board prior to the meeting. Mark Johnson seconded the motion. Motion approved by a voice vote.

Update on RESNET HERS Software Consistency Efforts

Neal Kruis, RESNET Energy Modeling Director, provided an update on RESNET HERS Software Consistency Efforts. The Software Consistency Committee (SCC) investigates input translation, ruleset interpretation and engine calculations. The committee is working continuously on the Board approved collaborative process to increase the consistency of HERS software tools.

Chris McTaggart asked when the narrow-band of ASHRAE 140 load acceptance criteria would become effective. Neal Kruis stated a firm date has not been established yet and a new version of Pub-002 would be needed so RESNET Standards Management Board and SDC 300 would be necessarily involved in establishing that date.

Brian Shanks asked if enhanced HVAC installation rating methodology would affect the consistency of HERS Index scores. Neal Kruis said it is uncertain, but they have been consistently working on addressing questions regarding the intricacies of software tools and how they impact calculation results.

Philip Fairey noted that the HERS Index is a comparison of a reference home and rated home. Therefore narrowing load test criteria may or may not matter much to HERS Index results because the same building load calculation algorithms would be used for both the Reference Home and the Rated Home. Neal stated that the load calculations weren't always proportional.

Opportunity of Using HERS and HERSH2O Data for Environmental Impact Reporting

Ryan Meres of RESNET staff, gave a report on the opportunity of using HERS and HERSH2O Data for Environmental Impact Reporting.

Ryan Meres discussed sustainable signals and millennial's impact on the future of sustainable housing.

The environmental reporting could provide a boost to the demand for HERS Ratings among the publicly traded builders. Already builders such as KB Home and Richmond America are reporting on their HERS scores and ENERGY STAR certifications.

Status on Meeting RESNET 2021 Priorities

Steve Baden, RESNET Executive Director presented on the 2021 RESNET Priorities. Mr. Baden focused on the following priorities:

- Accuracy and consistency of HERS Ratings
- Verification of IECC compliance to code officials and builders
- RESNET Standards of Quality being the gold standard
- Growing the demand for HERS Raters
- HERS_{H2O} Program Delivery
- Virtual 2021 RESNET Conference
- RESNET Financial and Management integrity

The RESNET Executive Director also reported on the following steps that will be taken for the development of the RESNET 2022 budget:

- RESNET staff developing a Strengths, Weaknesses, Opportunities and Threats (SWOT) Analysis that would look at 2022 as well as look into the future to 2026. Mr. Baden stated that the SWOT would be presented to the RESNET Board at its June meeting.
- Definition of the RESNET essential activities – the draft would be posted on DirectorPoint for Board review and comment and the Board would vote on adopting the essential activities at its June meeting.
- RESNET 2022 goals and priorities – this would be posted on DirectorPoint for Board review and comment and presented to the Board to approve by electronic ballot.
- RESNET 2022 activities – would be posted on DirectorPoint for Board review and comment and presented to the Board to approve by electronic ballot.
- 2022 budget submission – will be discussed and voted on at the Fall 2021 RESNET Board meeting.

RESNET Sponsorship of the Consortium for Energy Efficiency's 2021 Integrated Home Competition

Alice Rosenberg of the Consortium for Energy Efficiency (CEE) presented on the 2021 Integrated Home Competition. Alice introduced the CEE which is the association of US and Canadian utility energy efficiency managers. She reported that increasingly utilities are growing concerned over when energy is used as much as how much is used. Ms. Rosenberg projected that utility efficiency incentive programs will follow the time of use path for developing incentives.

Alice introduced the Integrated Home Competition and thanked RESNET for being a sponsor. Objectives and outcomes of the program are:

- Provide awareness of desired product capabilities
- Encourage Marketing competition and innovations

- Engage individual manufacturers directly
- Reward leadership in Desired functionalities

Competition will launch April 19th and end in November. Winners will be recognized as part of the RESNET 2022 Conference.

Ms. Rosenberg stated that this effort could easily fit into the RESNET effort on developing a time of use rating index that CEE is participating in.

HERS and the Affordable Housing Crisis

Molly Berg of the Habitat for Humanity International presented on the affordable housing crisis in the U.S. Current challenges include a shortage of 7.2 million affordable housing units, 30% of households are energy insecure, and 21% skip food/meds for energy cost. She made the important point that there are two facets of addressing this problem – quantity of housing and quality of housing. To really be affordable a home has to be energy efficient.

The number of Habitat affiliate homes that are being HERS rated have increased dramatically over the past few years 220 affiliates participating since 2018. The average HERS Index scores of Habitat homes is 52, with best average HERS by state being Massachusetts with an average HERS Index of 19. The state with the most HERS rated Habitat homes is Florida.

Ms. Berg reported that Habitat for Humanity International is currently updating its construction standards and will include the HERS ratings of all homes.

She stated that HERS Raters have a key role in meeting affordable housing goals. She expressed appreciation to RESNET for working on having Habitat affiliates attend the 2021 RESNET Conference and reported that it created a lot of excitement among the Habitat participants.

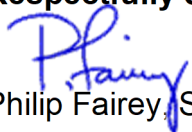
New Business

No new business was brought before the Board.

Adjournment

Matt Gingrich made a motion to adjourn. Meeting adjourned at 4:55 p.m. Eastern Time.

Respectfully Submitted,


Philip Fairey, Secretary