



Meeting Logistics & Information

Date	Wednesday – July 20, 2022	Attendees
Time	9:00 – 11:00 AM	Betsy Ames, Mike Browne, Cindy Zeis, Chris Mazzola, Joe Rando, Mike Turns, Keegan Ebbets, Ben Cohen, Jonathan Harrison
Meeting Type	NEHERS Alliance – Board Meeting	Non-Attendees
Facilitator	Mike Browne	Nick Jones
Web Link	https://global.gotomeeting.com/join/122221509	Special Guests

Meeting Motions			
<i>Motion #</i>	<i>Description</i>	<i>Movement</i>	<i>Favor/Oppose/Abstain</i>
1	To approve June minutes	Motion Mike Turns, Second Cindy Zeis	7/0/0
2	To approve 10% profit share for previous training	Motion Joe Rando, second Chris Mazzola	5/0/2
3	To approve accounts payable of \$21,209.75	Motion Ben Cohen, second Joe Rando	7/0/0
4	To adjourn	Motion Cindy Zeis, second Chris Mazzola	7/0/0
5			
6			

Roll call:

- Betsy Ames, Nick Jones, Mike Browne, Joe Rando, Ben Cohen, Cindy Zeis, Jonathan Harrison, Chris Mazzolla, Mike Turns, Keegan Ebbets
- Present (quorum = 5): Mike Browne, Joe Rando, Ben Cohen, Cindy Zeis, Jonathan Harrison, Chris Mazzolla, Mike Turns, Keegan Ebbets
- Late:
- Absent: Nick Jones



SECRETARY'S REPORT (*Mike T.*)

- Minutes

❖ **Motion to approve minutes MT, second Cindy, unanimously approved.**

TREASURER'S REPORT (*Nick*)

- Accounts Payable

Should we do a profit share with PSD (10%). Joe – yes we should do it. Chris – do it.

❖ **Joe Rando motion, Chris Mazzola. Mike Turns and Cindy abstain. 5/0/2**

AP we are adding \$986.78 for Betsy's 10% training bonus (part of her contract) and \$986.78 for PSD's 10% profit share. The AP as submitted by Jasmine was \$19,236.19 and with these two additions, it totals \$21,209.75

❖ **Approved AP in the amount of \$21,209.75 – motion by Ben Cohen, second by Joe Rando. Unanimously approved.**

ADMINISTRATIVE ITEMS

- Vote on minutes from June
- Treasurer's Report/ Vote on AP
- RESNET is looking for volunteers for a new Appendix A (Insulation Grading) subcommittee.
 - **HERS Raters vs insulation industry.** Mike thinks things should stay the same, insulation industry wants P/F instead of three grades. Chris Mazzolla volunteers to participate, Mike will send Robby Schwarz email.
- Welcome Ben and Keegan
 - **Ben Cohen**, founded ReVireo 10 years ago with a colleague, HERS raters, not a provider, 15-20 employees, NJ, NY, PA, sometimes DE and CT.
 - **Keegan Ebbets**, 3 years with ICF, program manager for Residential New Construction Mass Save, Eversource

MANUAL (*Cindy*)

- Would like the committee to review the marked-up document before next meeting to check broken links and suggest replacements.
 - <https://drive.google.com/drive/folders/1OGZeVJw2IgxVx53eM09UcI5fHlmIGX5>
- Also starting to look at whether to remove Standards sections

Cindy asks committee to look at the manual for discussion at next meeting

TRAINING COMMITTEE (*Joe*)

- Summer 2022 Training
 - Excellent Survey Results
 - Excellent pass rate:
 - Still some glitches with CAZ, but all got through in first week
 - All got through Practical Simulation in first week
 - Only 5 did not pass rater exam on first try, but 4 have since passed.
 - One transfer student will take exams in fall.

- Profit report: \$9867.87
- Fall 2022 Training
 - Modules: September 12 – 23rd
 - Practical & Testing: October 3 – 7th
 - Registrations: 3 full registrations
 - Publicity is in process
- Debrief Meeting with PSD (working on scheduling this).
 - Working on getting contracts signed.
 - Discussing a screening quiz to assess the viability of candidates to take the training. Recommend they don't proceed, get help, or are good to go. What other short videos/modules fit into their LMS? Looking to lighten PSD load to make sure they have the capacity to continue doing training. Mike B – we used to have sponsored lunches for live trainings. We could do something similar with the recordings.
- Discussion on outreach audiences.
 - PSD has envelope testing course, as something to take before becoming a HERS rater.
 - Ideas – Colleges/Universities, technical community colleges, unemployment offices, workforce development/CAP, ex-military (Cindy), tech schools, home inspectors (ASHI American Society of Home Inspectors and NASHI), vocational tech or trade schools, building departments (for IECC/HERS specialist), high schools. Good to get people thinking about this when they are young. If people have lists please send them to Betsy.

STANDARDS (Cindy)

- Appendix A Insulation Grading – See email outreach from Mike Turns for subcommittee members along with responses.
- Expected changes 30 days after COVID-19 Presidential Proclamation ends. Below are just a few topics we may want to discuss. Please go to the following page to see a full list.
<https://www.resnet.us/about/us/resnet-covid-19-updates/>
 - Remote QA
 - Remote Inspections
 - Online Exam Proctoring
 - Procedures for Probationary Ratings, RFI Mentored Ratings, and RFI Graded Field Eval's
 - Deadlines for HERS Rater Candidates
 - Should we send out a poll on any of these?
 - Are there any addendum proposals we may want to consider?

Maybe keep remote midpoint inspections, maybe keep more remote stuff in general. Transition to SEER2 testing and heat pump testing. Not sure if we can get software developers to make a change by Jan 1 or if we'll have to do a side calculation in a spreadsheet. There is big stuff to look into over the next few months. Mike B would like some remote inspections to remain. RESNET looks to NEHERS for input. Cindy – include



something about SEER2 in webinars. Mike – reminder about standards update idea for webinars. Betsy – the webinars on standards are best attended, so looking to drive attendance with info on standards. Cindy agrees.

QAD (Jonathan)

- Confirmed Threshold / Worst Case vs Confirmed Rating
- Mechanical Ventilation and default values
- Required photos and geotagging
- Accessory Dwelling units

Discussion about accessory structures. These are not rated. Additions are not rated. Must meet the full definition of a dwelling unit. Codes are making messier. Need to work out how this stuff would be integrated.

WEBINARS (Chris/All)

- 2022
 - ~~January 19th: Standards Update with Sara~~
 - ~~February 15th: Embodied Carbon- NEHERS EC Committee~~
 - ~~March 9th: Manual BV: A New Approach to Balanced Residential Ventilation Design- with Paul H. Raymer of Heyoka Solutions, LLC~~
 - ~~April 13th: Mike Turns 2021 IECC~~
 - ~~May 25th: Air to Water Heat Pumps for DHW- with Robb Aldrich and Dylan Martello of Steven Winter Associates~~
 - ~~June 29: RESNET Conference Recap and Looking Ahead to October- with John Hensley, Billy Giblin, Emma Bennett, Valerie Briggs and Scott Doyle~~
 - ~~Joe and Chris volunteered to be the board member on the call~~
 - **July 20: Foam Free High Performance Building Enclosures-** with Oliver Klein
 - We have 31 registered
 - Please forward publicity
 - Board member on call?
 - **August 1: A Proposal for a New RESNET Standard on Embodied Carbon-** with the NEHERS Embodied Carbon Committee
 - **September 21st: Encyclopedic Energy Design: New Priorities, New Challenges-** with Andrew Frederick
 - Board member on call?
 - **October: RESNET Conference-** off
 - **November: Programs Webinar**
 - **December:**
 - Additional Items:
 - TStud- Brian Iverson and Mike Payne?
 - May need to obtain realtor CEUS.
 - Patrick Grasso, Denise Grasso- glass aggregate
 - Carbon Leadership Forum- invited by Andy.
 - Mark Parlee- Moisture intrusion and how to avoid it in energy efficient structures.
 - Scott Farbman- Regarding sizing hvac equipment for these super energy efficient structures as well and the different options that exist per climate zone.
 - Mark Thomson- Hydro kit-heat pump that can heat and cool and hot water for house



- Carbon Credits- Carrie Gill/ David Goldstein/ Boston Decarbonization Committee/ Carbon Leadership Forum (formerly Boston) New England
- Monitoring Electrification- Mike Duclos
- Building Engineering- Darol Harrison- potential paid?

Looking for someone else to take over professional development. How many do we need? Is 9 enough? We usually aim for 11 – take August off. Used to do meet the candidates. Sometimes we have more than 11; it depends on what is going on with standards, etc. Year-end wrap-ups with RESNET are a possibility.

Ben will join today's webinar and will consider volunteering to chair the committee. Chris will hold on for a while to help.

MEMBERSHIP AND COMMUNICATIONS (Mike B)

- Membership report
- Half-off membership renewals: in process

Working on half-off/halfway through the year offer. Betsy shared database and different categories of members. We lost a bunch of rater members when the BER left, but we are rebounding. Almost all are rater members through their providers. Provider members are up (two new providers). Training providers - we are still at one (PSD). Training committee is thinking about how to diversify the pool of trainers. No independent training members. One program member; we are working on Eversource. Betsy looks at current members, former members, RESNET directory, webinar attendees, new this year the announcement listserv and training listserv (about 500 emails combined). Comparing constant contact and mail chimp to see which is best functionally. Focused on how many valid contacts we have. Both charge by number of people in the database, trying both at 500 contact level. Sent 428 emails sent in CC, 125 opened, 0 converted (signed up). Can't see that in Outlook. Mail Chimp, Sent 498, 89 opened, 0 converted. Will be testing archiving lists on both systems. We have three categories of mailings, training, membership, and embodied carbon. We're working on streamlining our systems. These lists are re-used for year-end membership renewals to generate new members. Looking at which raters are registered on RESNET directory, in the Northeast, but who are not current members. And also looking at which QA providers have raters in the Northeast but are not yet members.

ENERGY CODES (Mike T)

- MA Stretch Code DOER Proposal released in June public comments open through Aug 12th. Nothing to recommend to comment on. Get rid of equation 4-1. May tell people it's open to comment. Point to DOER website with language.
- <https://www.mass.gov/info-details/stretch-energy-code-development-2022#new!-release-of-draft-code-language-for-stretch-code-update-and-new-specialized-stretch-code->

EMBODIED CARBON (Chris and Nick)

- Handouts for live conferences Draft of brochure sent to committee. Do we want a brochure or just print the one-pager. Foldable would be good. With QR code. Aiming for Mike and others to distribute at

science camp and Andy going to RMI. Not business card, want to talk about it over lunch. Chris likes 1 page lots of white space. Point is to drive people to website to sign letter. Probably more expensive to print white on black background. Mass Save has both bi and tri-fold and one-pagers.

- RESNET Conference Presentation posting to our website August 1st
- Live RESNET Conference October 12-13
 - Live board meeting?
- Funding for Baseline
- Drafting the Standard- looking at HERS H20
 - Considering doing it in two pieces.
 - ANSI standard for EC calculation
 - ANSI standard for integration of different types of emissions.
 - Similar to how 301 and 380 work hand in hand
- 2024 IECC Proposal
 - Meeting with NBI
 - Public Comment draft of 2024 IECC goes out in September (or so).

Approach CEC to get a baseline. Difference between a standard and proposing codes – standards about how to do calculation and codes set the limits. Eventually reference a standard in code

WRAP UP:

- RESNET is looking for volunteers for a new Appendix A (Insulation Grading) subcommittee.

❖ **Motion to adjourn Cindy, second Chris, unanimously approved**