



Meeting Logistics & Information

Date	Wednesday, December 21, 2022	Attendees
Time	9:00 AM – 11:00 PM	Betsy Ames, Mike Browne, Chris Mazzola, Mike Turns, Ben Cohen, Nick Jones, Cindy Zeis, Jonathan Harrison, Keegan Ebbets (late)
Meeting Type	NEHERS Alliance – Board Meeting	Non-Attendees
Facilitator	Mike Browne	Joe Rando
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 November minutes	Motion – Mike T Second – Cindy	7/0/0
2	To approve A/P of \$5963.50	Motion – Chris Second – Mike T	7/0/0
3	To adjourn	Motion – Second –	/0/0

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):
- Late: Nick and Keegan had other meetings right before and were a little late. Joe arrived after secretary report
- Absent:

SECRETARY'S REPORT (*Mike T.*)

- Minutes

❖ **Mike T motion to approve minutes, Cindy seconded, approved unanimously**

TREASURER'S REPORT (*Nick*)

- Accounts Payable



Betsy reviewed A/P.

❖ **Chris M motioned to approve, Mike T second, unanimously approved**

ADMINISTRATIVE ITEMS

- Vote on minutes from November board retreat.
- Voted on AP (for November by email)
 - 11/17 motion to approve AP in the amount of \$6146.75 by Keegan
 - Seconded by Cindy
 - In favor: Nick, Jonathan, Ben, Cindy, and Keegan
 - Abstain: Joe
- Vote on AP for December
- Succession planning for Executive Committee

Chris – It's important to start training new people, especially the next treasurer because Nick only has a year left in his term. By July/August the person should have a good handle on things. Also backfilling the executive committee. There will be a few people at the end of their terms at the end of 2023 – need to figure out who the board will be.

NOMINATIONS COMMITTEE:

Slate approved over email on 11/16:

- Yes votes by Keegan, Jonathan, Chris, Cindy, Mike T and Joe

Nicole Burger was added by petition to the rater category on 11/30.

Election results decided on 12/15.

- Rating Provider (2 seats open)
 - Joe Rando of GDS (Incumbent) WON
 - Kaitlyn Mitchell of CET WON
- Rater (1 seat open)
 - Ben Cohen of ReVireo (Incumbent)
 - John Erickson of CLEAResult
 - Nicole Burger WON
- Associate (1 seat open)
 - Keegan Ebbets of ICF (Incumbent) WON
- Training Provider (1 seat open)
 - Mike Turns of PSD (Incumbent) WON

People expressed regret that Ben will no longer be on the board and thanked him for serving. He did a great job with the professional development committee. Kaitlyn and Nicole will be new members, everyone else is an incumbent.

MANUAL (Cindy)

- GDS Utility Cost Input Updates- submitted for Q3 2022



Betsy reviewed utility rate updates. Mike noted that the critical tab is the Summary tab. Betsy to send to board to double check it before posting it. Mike noted that the gas rate for OH is very high.

TRAINING COMMITTEE (Joe)

- Winter 2023 Training:
 - January 16- 27, 2023
 - February 6-10, 2023
 - We have 15 full registrations, plus one on waitlist, the training will run.
- Webinar for High School Students
- Funding for curriculum development.
 - Most interested in NYSERDA Energy Efficiency and Clean Technology Training Grant (PON 3981)
- Pre-registration aptitude quiz- will continue thinking about it.

Update from Joe:

We hit the 15-person cap for the winter training. Previously discussed adding trade schools to our distribution list. One school replied with interest in a webinar – what is a HERS Rater? Betsy suggested figuring out a date via email.

Mike B – MA DOER is submitting to the DOE for IRA training about energy codes – Ian is particularly interested in including embodied carbon training within the same grant. Ian was optimistic that they could package it in with other stuff in the application.

Joe - NYSERDA clean energy training – must be a resident of NY to attend. Is there a partnership opportunity with a partner in NY that we could use to cover the cost of developing our own Rater training curriculum.

STANDARDS (Cindy)

- Expected changes 30 days after COVID-19 Presidential Proclamation ends (Old)
- HERS Modeler – Public comment opens Dec. 15th for HERS Modeler curriculum approval and professional development
- Addendum A Insulation Grading working group (Cindy and Chris)
- IAP v2 low/no VOC products
- Draft PDS-01, MINHERS Addendum 71, SEER2/HSPF2 Conversions

Remote QA is going back to how it was prior to the pandemic (old news). Billy Giblin thought it would be extended through January, but not sure about that.

Nothing in the HERS modeler proposal that NEHERS wanted to comment on. Insulation grading discussion is ongoing (I, II, and III versus pass/fail).



ENERGY STAR v2 – Cindy reached out to EPA and it sounds like they're not planning to make it mandatory until 2024.

Look for changes in the standard on SEER2/HSPF2

QAD (Jonathan)

- Didn't meet in November.

Q4 training – they reminded people about manometer calibration. They might have mentioned calibrating the BD fan. Cindy said they discussed wanting to have calibration of more equipment. Mike B said the UK has ridiculous calibration requirements.

WEBINARS (Ben)

- 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~~
 - ~~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 Why Prioritize Supply Chains and Pizza Toppings Along with Blower Door Results with Andrew Frederick~~
 - ~~October: RESNET Conference off~~
 - ~~November: EnergySMAC with Darol Harrison~~
 - ~~December 14th: Residential and Multifamily Stretch Code & Specialized Code Changes Coming Soon in MA with Ian Finlayson~~
- 2023
 - January 25th: Programs webinar- 10 states – in process
 - February 8th: Minotair (paid webinar) with Alex De Gagné and Joe Rando moderating
 - February ?: Steps to Becoming a Phius Rater – Bev of MassCEC

Ben – we need to finalize the schedule for 2023. Betsy – the beginning part is in process. We have January in good shape. A couple possibilities for February and HERS 101 for March. Great attendance for December (45ish).



MEMBERSHIP AND COMMUNICATIONS (Mike B)

- Year-end membership renewals in process.

ENERGY CODES (Mike T)

- Meeting on Friday 16.
- Draft of 2024 IECC comments due on 16th or 17th.
- MA Stretch Code update Jan 1st no concurrency period. Commercial is July 1st 2023. Opt in is expected in January, but up to individual jurisdictions to vote.

Discussed 2024 IECC public comment draft content, specifically the removal of the modification to the reference home in the ERI path. It should result in better parity with the other compliance paths.

Also discussed the MA stretch code timeline and applicability for multifamily and whether munis have to proactively adopt the new stretch code.

EMBODIED CARBON (Chris and Nick)

- RESNET Advisory Council Selected, includes:
 - Betsy Ames, Mike Browne, Andy Buccino, Nate Connors, and Lia Douillet.
- NYSERDA grant submitted 11/29, will hear results in January results
- Meeting with CLF 12/9
- Proposal for BuildingEnergy Boston 2023 was not selected
 - Mike checking with Dave Beottcher

Want to see Chris Magwood's draft standard. We are being encouraged to have another database behind BEAM. RESNET advisory board has been selected. NYSERDA grant was a huge project. We had a few big players like NMR come in to discuss things like sampling. Spoke with Cy of Ekotrope – not ready to integrate with BEAM yet but he is excited about doing it. Requested \$130K to do a “benchmarks” study (some debate over the name) for the Northeast and Climate Zones 5-6, doing MA and NY, looking at sampling 60 homes in each Climate Zone with a phased process to do an overview analysis and then do a more robust analysis to get meaningful values. Create a methodology for other states to inform the reference home for the new index. A big part is the workflow, which Andy is working on (what's in Ekotrope and what's missing from a HERS rating that is needed to calculate Embodied Carbon). Another section to have a software developer to an automated spreadsheet. Any license generated from NYSERDA has a 10% royalty fee, which is a detractor from integrating into rater software.

ADDITIONAL ITEMS/NEW ITEMS: