



Setting the Standards for Home Energy Efficiency

## Approved RESNET Board of Directors Meeting Minutes May 18, 2022

Board Members Present	Board Members Absent	Staff Present
Jim Amarin* Lindsey Elton Philip Fairey Sandy Gallo Matt Gingrich Emelie Glitch David Goldstein John Hensley Kathy Howard* Mark Johnson Cy Kilbourn Abe Kruger* Chris McTaggart Brian Shanks*	Jacob Atalla David Beam Curt Rich Jonathan Risch Clayton Traylor	<b>IN-PERSON</b> Steve Baden Emma Bennett Valerie Briggs Rick Dixon Christine Do Scott Doyle Laurel Elam Billy Giblin Cardice Howard Ryan Meres
*Participated virtually		

### Executive Session

RESNET’s legal counsel discussed with the RESNET Board ongoing legal issues.

### Meeting Call to Order

RESNET Board President John Hensley called the meeting to order at 9:00 a.m. Central Time.

### RESNET Anti-Trust Policy

John Hensley reminded the RESNET Board of the RESNET Anti-Trust Policy that was sent to board members prior to the meeting.

### Roll Call

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

## **Approval of Meeting's Agenda**

Philip Fairey made a motion to approve the draft agenda sent to board members prior to the meeting. David Goldstein seconded the motion. Motion passed by voice vote.

## **Approve Draft Minutes of February 8, 2022 Board Meeting**

Philip Fairey made a motion to approve the draft Board meeting minutes of February 8, 2022 that was sent to board members prior to the meeting. Cy Kilbourn seconded the motion.

Motion passed by voice vote. Emelie Glitch abstained from voting because she did not attend the meeting.

## **Appropriation for RESNET National Registry Upgrade**

Ryan Meres of RESNET Staff, presented the current data systems RESNET collects through the national registry and the proposed rebuild and the proposed cost.

RESNET Executive Director Steve Baden stated that through the RFP process, the firm of Fourth Dimension (4D) was judged as being qualified to complete the project.

John Hensley asked for the timeline for when it will be operational, and timeline for providers. Ryan stated it is a 3-year project period, with beta testing beginning in 2 years. The project would kick-off in 2 months.

Philip Fairey made a motion to approve the appropriation of \$432,000 plus \$ 95,600 for contingencies for RESNET National Registry Upgrade. Chris McTaggart seconded the motion.

David Goldstein asked about scalability and if it would be able to host many homes, Ryan stated that it would be feasible.

Sandy Gallo asked what would happen for previous data. Ryan stated that right now data goes back to 2017 but this project would extend the data back to 2013. This was the year that the Registry was launched.

Abe Kruger asked if there were features within this proposal that had to be cut due to time and function. Ryan Meres stated that from a staff perspective, that nothing was identified. Data from 2013 was originally not included but revised to be included in this project.

Brian Shanks asked about the contingency amount and purpose, Ryan stated that with this large of a project it serves as a cushion for scope of work items not considered. Brian suggested approval without contingency or keeping as a separate voting item.

Mark Johnson stated the contingency amount may be too low for this intense of a project, and with the labor cost increases in technology sector.

Steve stated on behalf of RESNET staff that removing the contingency budget item would be acceptable with the option to call a special meeting of the Board if and when contingency funding is needed.

Philip and Chris stated they were amenable to Brian's proposal to remove the contingency from the motion for now as a friendly amendment.

Chris McTaggart asked about the Quality Assurance (QA) improvement and requested a plan for flags found in the inconsistencies in data. Laurel stated that on behalf of QA staff they agree in finding the proper ways to review QA flags and processes.

Philip Fairey made a motion to approve the friendly amendment for the appropriation for RESNET National Registry upgrade for \$432,000, with budget contingency cost needing prior approval by the RESNET Board. Chris McTaggart seconded the motion. Motion passed by a unanimous vote.

### **Discussion on Changing Cycle for RESNET ANSI Standards**

Chris McTaggart, RESNET Board member, Gayathri Vijayakumar RESNET's Standard Development Committee (SDC 300) Chair, and Rick Dixon, RESNET Standards Manager presented on changing the cycle for RESNET ANSI Standards.

RESNET non-ANSI standards policy and procedures are being revised to address implementation in addition to development. Timely revisions and implementation of technical advancements are essential to maintaining RESNET HERS as the gold standard, and implementation can be improved by better use of historical adoptions/implementation pattern. The 2–3-year delay will provide adequate transition time for software updates, training, and assessment of revision impacts essential to adaptation to change.

Revisions include authorizing the RESNET Standard Management Board (SMB) to set voluntary and mandatory compliance dates, transition period and vetting period, required assessment of standards revisions potential impact on energy score, authorizes SMB to set rating software update deadlines for revisions that impact calculations.

Chris asked about the ANSI-standard approval date could be set up to match implementation date. Philip stated the ANSI continuous maintenance process ensures that approved addendum automatically become part of a standards update (republication) since they have been subjected to the full ANSI public review process. ANSI Standards under continuous maintenance are required to be updated a minimum of every 5 years but may be updated more often. \*\*Voluntary compliance date can be

set to be the same date as the standard, but the mandatory compliance would require an interim for the standard to be applied.

Steve Baden said the software modeling staff member could help assist with knowing industry impact and would recommend that education for software modelers get involved early so they can detect changes prior to implementation.

Mark Johnson asked about incorporated continuous maintenance addendums into the full standard before the required cycle period. Philip Fairey stated that RESNET 2022 standards are helping to match the ICC codes that are implemented. Steve stated that standards are operating on a 3-year cycle to match with code compliance, but the current amendments will still allow RESNET to align with code.

Emelie Glitch suggested grammatical and editorial revisions be handled internally to help the process of submitting revisions to standards. Philip stated that some grammatical changes have a technical impact to help clarify the standards.

Sandy Gallo asked what the next steps are. Sandy said ESG has been a large topic for builders, and these changes proposed will be extremely helpful for RESNET to create consistency in the marketplace. Steve said that the SMB had passed it this week.

Board discussed more on the implication of standard processes and stakeholder impact.

### **RESNET Executive Committee Proposed Process for Updating RESNET Board Election Process**

John Hensley reported on how the proposal for updating the election process came to be. Cardice Howard, RESNET staff, discussed the survey that will be sent to board to review.

Board members are in consensus that the membership can help evaluate through questionnaire. Board will review the questionnaire, and RESNET staff will send and review the data to present to the board.

Abe Kruger asked for clarification on who it will be sent to, John Hensley confirmed that it would be sent to all RESNET members in good standing. Steve stated this includes all categories including HERS providers, software providers, builder, and dues paying raters. Abe suggested educational effort for the network to be aware that membership is required to vote.

### **Introduction of New RESNET Emerging Leadership Council (ELC) Chair, Goals for 2022 and Revision of Council's Charter**

Steve Baden presented the revised charter that was amended by RESNET staff and ELC members. Board discussed and made minor amendments. Emelie Glitch suggested including diversity expansion initiatives in the charter.

The Board requested that the draft charter be sent to the ELC for vetting then submitted to the Board for a review and an electronic vote on its adoption.

Dylan Tindall, RESNET Emerging Leadership Council Chair, discussed the current standing and goals for 2022.

### **Change of Meeting Agenda**

Due to timing, John Hensley suggested removing the following agenda items:

- Update of Negotiations with 2022 RESNET Conference Hotel & RESNET 2023 Conference – Cardice Howard, RESNET staff. It was stated that Ms. Howard’s briefing paper that was included in the Board meeting packet be read by all Board members.
- Mandatory RESNET Board Annual Sexual Harassment Training – RESNET HR Consultant It was announced that the training would be combined with the staff training and be conducted virtually at a later date.

There was no objection to the proposal.

The meeting brook for lunch at 12:00 p.m. Central Time.

Meeting resumed at 1:04 p.m. Central Time.

### **Update on 45L Tax Credit**

Carl Chidlow, RESNET Washington Representative, presented on the status of the 45L Tax Credit.

Cy Kilbourn stated his understanding of the future options for 45L would be continuing with the older version, the new proposal through build back better, or nothing and asked Carl the likelihood of each. Carl stated that most likely it would be what was written in Build Back Better. Carl stated the chance of nothing happening is extremely unlikely.

### **Report on 2022 RESNET Virtual Conference**

Emma Bennett, RESNET Events Manager, briefed on the 2022 Virtual Conference that was held May 3-5 and the data analytics from the platform. The Board voiced appreciation for the outstanding work that the Conference Team in carrying out the Conference under trying circumstances.

### **RESNET 2022 In-Person Event**

Steve Baden shared that smaller in-person meetings will be a feasible option moving forward. RESNET Staff will be meeting the next day to discuss future of in-person events. Board members discussed feasibility of in-person, smaller, regional events and considerations should be sent to Steve or Emma.

### **Briefing on Development of RESNET CO2e Index and Update on RESNET Board Load Flexibility Task Group**

David Goldstein and Philip Fairey, RESNET Board Members, provided an update on the CO2e Index and update on the load flexibility Task Group.

Cy Kilbourn asked as the landscape changes, how the CO2e will evolve. Philip stated that this has been considered, and cambium will be updated. Currently 2021 database is being used, 2025-2050 being the timeline, and a future version of the database can be referenced. Philip noted that once something like this is developed, the landscape will change. David referenced how the landscape has changed since the development of the HERS Index for comparison.

Brian Shanks asked how RESNET board can help make this index the “gold standard” like the home energy rating score. He asked if it has been peer reviewed and have support from partnering organizations, and how to market it. Steve Baden replied that support has been working with the California Energy Commission, as well as PNL, EPA, and other orgs. Philip stated this supplies the EPA with a measurement to use and would expect this would also help in the general marketplace through ESG.

David Goldstein stated that being the first in the market allows RESNET to have a competitive advantage and increase momentum in the marketplace. David noted that stakeholder engagement with federal agency will also help, and that other calculations currently only exist internationally.

Sandy Gallo asked about consistency with the software, and Philip noted a task group is addressing that to ensure consistency. Steve Baden suggested an update from RESNET Energy Modeling Manager at the next board meeting for an update.

Chris McTaggart asked about the index and emission data, Philip clarified that the emissions help produce the CO2e index.

### **Discussion on Having Quarterly RESNET Board Meetings**

Steve Baden discussed the opportunity to host board meetings quarterly, moving away from every-other-month.

Chris McTaggart asked about feasibility and timing of each meeting, Steve suggested same time for virtual meetings. Emelie Glitch stated the same concern, and Steve stated recorded sessions or briefing papers could help streamline certain topics.

Philip Fairey made a motion to move meeting to quarterly. Mark Johnson seconded the motion. Chris McTaggart and Sandy Gallo abstained from voting.

Lindsey Elton suggested that Pecha Kucha could be an option with high-level presentations to help streamline presenting process.

### **The Exciting Opportunity on ESG Reporting and Green Bonds**

Steve Baden discussed opportunity with ESG and Green Bonds. Steve explained the trend of ESG, and the builder mortgage companies currently participating using data from the RESNET registry. Steve encouraged board members to learn more through the sessions at the RESNET 2022 conference.

Steve stated that the market is focused on commodities, and RESNET has an opportunity to work with the SCC and help mortgage companies understand CO<sub>2</sub>e and HERS<sub>H<sub>2</sub>O</sub> Indexes.

### **RESNET 2023 Budget Development Process**

Steve Baden stated that the budget development is currently underway and the RESNET Staff plans to conduct an updated SWOT analysis at their next in-person meeting. The other steps that will be taken will include:

- Adoption of RESNET 2023 Goals and Priorities by the Board
- Adoption of RESNET 2023 Activities to Achieve the Goals and Priorities that would be adopted by the Board.
- A 2023 budget request submitted by the RESNET Board Executive Committee.

### **New Business**

Steve Baden commended the RESNET Board members' professionalism in the meeting.

### **Adjournment**

Matt Gingrich made a motion to adjourn. Meeting adjourned 3:32 p.m. Central Time.

**Respectfully Submitted,**



Philip Fairey, Secretary