



DRAFT MINUTES
2010 Fall RESNET Board of Directors Meeting
October 25 & 26, 2010
Astor Crowne Plaza Hotel
New Orleans, Louisiana

Members Attending

Ben Adams
Dave Bell
Steve Byers
Brett Dillon
Charles Eley
Philip Fairey
Richard Faesy
David Goldstein
Andy Gordon
Mark Jansen
Maci McDaniel
Kelly Parker
Bill Prindle
Orlo Stitt
Greg Thomas
Daran Wastchak
Barb Yankie

Members Absent

Dennis Creech
Lance DeLaura
Lee O'Neal (Excused Absence)
Javier Ruiz

Staff Attending

Steve Baden
Laurel Elam
Clinton Heyn
Kathy Spigarelli

Others Attending

Carl Chidlow
Laverne Dalgleish
Jonathan Martin

Monday, October 25, 2010

Call to Order/Roll Call

The meeting was called to order by Board President, David Goldstein at 9:02 AM. The roll was called and there was a quorum. Lee O'Neal was granted an excused absence because of illness.

Approve Agenda

The agenda was reviewed by Steve Baden and approved unanimously by the board.

Approve July 19, 2010 Board Meeting Minutes

Kelly Parker made a motion to approve the July 19, 2010 meeting minutes. Barb Yankie seconded the motion. Richard Faesy, Andy Gordon, Philip Fairey, and Bill Prindle abstained. The motion passed. (*Attachment A*)

Executive Director's Report

Steve Baden gave an update on the work committees and working groups are doing including the EnergySmart Contractor Guideline revisions, Chapter Eight- Performance Testing, Combustion Safety and Work Scope Guidelines and the COMNET guidelines. Mr. Baden also gave an update on the new website, strategic alliances, the industry advisory committee, the number of ratings in 2009, the number of providers accredited in 2010, and presented the national outlook.

Kelly Parker made motion that by the next board meeting Steve Baden should work with Efficiency First on form for utility release information. Discussion ensued. Kelly Parker removed motion. There was an unanimous sense of board to have staff look at utility forms.

Training and Education Committee Report

Mark Jansen, Chair of the Training and Education Committee, and Kathy Spigarelli presented the Training and Education Committee Report. A training course for RESNET Accredited Training Providers on ENERGY STAR Version 3.0 will be given by the EPA in several locations across the country; the first training will be in Chicago next week and will qualify for 12 hours of PDH credits for trainers. Raters will get 18 hours of PDH credits for taking ENERGY STAR 3.0 training from training providers.

Quality Assurance Designees and Trainers have to complete an annual roundtable for professional development. The Quality Assurance Designee roundtable is scheduled for October 29th and the Trainer roundtable is scheduled for November 29th. Home Energy Survey Professional and Contractor exam questions will be reviewed by training and education committee and corrections will be made. Several rater Professional Development courses have been approved and posted to website.

Technical Committee Report

Brett Dillon, Chair of the Technical Committee gave the Technical Committee report.

Mr. Dillon reported on the priority set by the Technical Committee to clarify the definition of Conditioned Floor Area. Philip Fairy and Richard Faesy worked on it with Enclosure Subcommittee and the interpretation is out to the technical committee for comment. The deadline is Friday October 29th for comments.

The items the technical committee accomplished in 2010 are:

- DWH EF calculation for commercial water heaters
- Chapter Seven rewrite and comment reconciliation
- Passed Interim guidelines for combustion safety and work scope
- Passed Innovative Design Amendment

The items the technical committee is currently working on include:

- Lighting, Appliance and Miscellaneous Energy Usage Profiles amendment. The amendment is out for public comment and deadline for comments is November 26.
- An amendment for LED Lighting.
- Chapter Eight performance testing standard. The Performance Testing Subcommittee is currently reviewing comments on the draft chapter from the Technical Committee. After all revisions have been made it will go to Technical Committee for approval and then to the board for approval. The combustion safety and work scope guidelines as well as the IR guidelines will all go into chapter eight when it is final.
- Set of HVAC guidelines for raters (installed capacity and performance). This will be the main focus for 2011.
- Operational verses asset ratings. This will also be a main priority for 2011 and two subcommittees will be working on it.

2010 Quality Assurance Review Report

Clinton Heyn, Director of Quality Assurance, reported on the 2010 Quality Assurance Review. The focus for 2010 is rating provider reviews including electronic submissions and onsite reviews of selected providers. The process is continued to be refined. All rating providers submitted electronic submissions which were all reviewed and 25% of rating providers will have an onsite review.

Quality Assurance and Ethics Committee Report Amendments to Quality Assurance Standard

Daran Wastchak, chair of the Quality Assurance and Ethics Committee, reported on the amendments to the Quality Assurance Standard.

RESNET National Building Registry Demonstration

Jonathan Martin gave the report on the RESNET National Registry and gave a demonstration.

- Beta testing has begun; providers have started importing information, then transition period to full implementation.
- Updates
 - All raters imported (2255)
 - Distinct 7 digit ID numbers issued

- De-duped raters to consolidate rater listings for raters working for multiple providers
 - Address parsing/formatting and geocoding active
 - Upgraded to .Net 4.0
- Direct submission from software
 - Far simpler and less time consuming for providers
 - XML submissions and response
- Separate Provider Users
 - Initial provider account can do everything but approve ratings
 - Accountability for approved ratings
 - No need to change everyone's password should access be revoked

Marketing Working Group Report

Kathy Spigarelli and Maci McDaniel gave the Marketing Working Group report. The Marketing Working Group has been formed and a Marketing/PR firm has been hired to work with evaluating RESNET brand. The working group did an RFQ for marketing/PR firm and did an evaluation and ranking of applicants. The task force selected Qorvis and executed a contract with them.

Clarus Research Group conducted a market survey of 800 U.S. homeowners. The sample was defined as adults over 21 years of age who either currently own a home or plan to purchase within the next year.

Qorvis will develop a full report including recommendations. They have already begun working on RESNET's social media on Facebook, Twitter, and LinkedIn. They have also looked at search engine optimization on website. Next steps include earned media and targeted events and media training for board members.

COMNET Committee Report

Charles Eley, chair of the COMNET Committee, gave an update on COMNET.

The presentation included information on:

- COMNET Website (www.comnet.org)
- Modeling Guidelines and Procedures (MGP)
 - First public review- 1st quarter 2010
 - Second public review- July 2010
 - Followed ANSI process
 - Final guidelines approved August 2010
- Upgrades to the Modeling Guidelines and Procedures
 - zEPI (Zero Energy Performance Index)- comparable to ENERGY STAR scale, looks like HERS Index scale, comparable to ASHRAE
 - Modification for CA 2011
 - XML schemas
 - Upgraded performance curves for mechanical equipment
 - Possible to support additional code baselines
- The COMNET Community

- Software developers
- ASHRAE
- Rating Authorities
- IBPSA (International Building Performance Simulation Association)
- AEE and other associations
- Strengths, Weaknesses, Opportunities and Threats (SWOT)
 - Strengths- first to market, MGP rock solid, COMNET embraced by ASHRAE and CEC
 - Weakness- no software, not required by rating software, not ANSI document, perception of COMNET not clear
 - Opportunities- zEPI, Additional baselines, certification of raters and maybe auditors
 - Threats- Accreditations already exist, perception that the process of getting software accredited will be onerous, EPA and others are lukewarm in part because of mistrust of modeling

Meeting recessed at 5:28 PM

Tuesday, October 26, 2010

Call to Order

The meeting was called to order by Board President, David Goldstein at 8:30 AM.

Standards Committee Report – “Road to ANSI Accreditation”

Laverne Dalglish with Building Professionals gave the report on ANSI Standard Certification. Mr. Dalglish presented on the types of standards, the key ANSI requirements, the ANSI approval of standards, the typical structure of ANSI Standards Developing Organization and the steps to becoming an ANSI Standards Developing Organization.

The deliverables of Building Professionals include drafting outline and policies and procedures manual, preparing draft RESNET application for ANSI, reviewing ANSI standards developing organization requirements, analyzing and determining policies and procedures applicable to RESNET, and providing support to the chair of standards committee.

Washington Report (Steve Baden & Carl Chidlow)

Mr. Baden reported that board with support from Lee O’Neal selected Carl Chidlow as RESNET Washington representative. Mr. Chidlow has worked for RESNET for 5 months. Mr. Chidlow reported on the current energy bill, S.3935: Advanced Energy Tax Incentives Act of 2010. Senate Energy & Natural Resources Chairman Jeff Bingaman (D-N.M.) and Sen. Olympia Snowe (R-Maine) have teamed up to introduce legislation providing tax incentives to the energy sector. The Senators – longtime leaders in developing sound tax incentives for clean renewable energy, energy efficiency, and carbon mitigation – are urging their colleagues to take up and pass their Advanced Energy Tax Incentives Act of 2010 (S. 3935) before Congress adjourns in December.

The Advanced Energy Tax Incentive Act of 2010 - focuses on building and industrial energy efficiency, domestic manufacturing, emerging clean energy technologies and carbon mitigation.

Report of RESNET Comprehensive Home Energy Audit Software Task Force

Greg Thomas gave the report on the RESNET Comprehensive Home Energy Audit Software Task force. The task force's focus is to create audit software standards for Credentialing Retrofit Energy Calculations. The task force has representation from various groups and the members are Greg Thomas, Matt Golden, John Jones, Iain Walker, Rob Salcido, Dave Roberts, Mick Rookwood, Joel Gilbert, Dean Gamble, and Philip Fairey.

The proposal was sent out to task force for comment. Comments were reviewed and agenda was established. Proposal will look at test that includes existing tests on individual basis and recombined into packages of measures, having tools produce savings files in XML (Stage One). The task force will focus on developing a process for actual savings for individual buildings, which will allow the tool to be used for tax credits, incentives, and utility programs. Software tools that already calculate ratings will be approved, but these standards will also allow tools that don't do ratings to do existing building retrofit calculations. First of November a proposal/idea will be sent to task force. Comments will be collected from task force members. Phase one should be completed by end of 2010.

Report of the RESNET Strategic Positioning Task Force

Daran Wastchak, chair of the Strategic Positioning Task Force, gave the report on the work of the task force.

Phase I will be completed by December 2010 and includes:

- Working Group Retreat (took place on October 9, 2010)
- SWOT Analysis (Attachment
- SWOT to task force for comment
- Present SWOT to Board
- Task force votes on final SWOT

Phase II will be completed by February 2011 and includes:

- Vision and Mission Statement
- Strategic Plan
- Presentation of strategic plan at Conference

Phase III-

- Implementation of strategic plan

SWOT Analysis:

Strengths-

1. 1 million ratings strong
2. Over 4,000 raters driving tens of thousands of jobs in all fifty states
3. Active participant in national energy policy debate
4. Comprehensive market offerings (existing homes, commercial/high-rise buildings, new homes)
5. Only national Home Energy Rating System available in the marketplace
6. Recognized by federal agencies (DOE, IRS, EPA, HUD, Fannie Mae, Freddie Mac)

7. RESNET Standards are a required energy component of most notable third party certification programs (ENERGY STAR, LEED, Builders Challenge)
8. Consensus driven standards and procedures
9. Creative business partnerships (Home Depot); Excellent relationships with allied industry partners (ACCA, ICAA)
10. National and international recognition

Weakness-

1. Limited brand awareness (consumers, government, business, raters, etc)
2. Insufficient industry strategic partnerships (i.e. Energy Improvement Contractors, Retailers, Mortgage partners, Realtors, etc.)
3. Insufficient staffing to meet market demand
4. Not maximizing revenue potential
5. Internally focused
6. Technical focus to the exclusion of public perception/relations
7. Lack of manufacturers/industry participation
8. Multiple opportunities distracting focus
9. Not yet an ANSI standards organization

Opportunities-

1. Expand RESNET rating to multiple real estate asset classes (i.e. COMNET)
2. Consumer brand awareness
3. Existing buildings market
4. Sale premium for energy efficient homes
5. Enhance accuracy of energy assessments
6. Greater promotion of energy assessments by product manufacturers
7. Engage mortgage and real estate industry to embrace improved building energy performance
8. Building energy performance database
9. Collective voice for those supporting more energy efficient buildings (i.e. Creating advisory councils: consumer, marketing, government, manufacturers, mortgage, contractors, energy assessors)
10. Development of RESNET comprehensive retrofit software standard

Threats-

1. Competing standards and infrastructure
2. Misinformation about RESNET
3. Lack of proper financing mechanism to drive the energy efficiency marketplace
4. Lack of public understanding about energy efficiency
5. Reliance on public energy efficiency programs and incentives

Next Steps-

- COMNET will be submitting SWOT
- Vision and mission statement
- Strategic Plan
- Presentation of Strategic Plan at Conference
- Implementation

Proposed 2011 RESNET Priorities

Steve Baden presented the proposed 2011 RESNET Priorities. (*Attachment B*) Mark Jansen made a motion to approve proposed 2011 Priorities. The motion was seconded by Andy Gordon. Richard Faesy proposed a friendly amendment to add federal to the priority titled "*Influence Initiatives on Building Energy Performance Labeling, Energy Efficient Mortgages and Creative Financing*". Mark Jansen and Andy Gordon accepted proposed friendly amendment. The proposed 2011 RESNET priorities were unanimously approved.

Proposed 2011 RESNET Budget

On behalf of RESNET Treasurer Lee O'Neal, Steve Baden presented the proposed 2011 RESNET Budget.

Proposed RESNET 2011 Budget:

Payroll	\$244,000
<ul style="list-style-type: none">- Customer Service Representative – Stephanie DeZee- Program Manager and Conference Coordinator – Laurel Elam- Quality Assurance and Accreditation Director – Clinton Heyn	
Professional Services	\$666,000
<ul style="list-style-type: none">- Executive Director – Steve Baden- Deputy Director – Kathy Spigarelli- Database Support – Randy Martin- DC Representative – Carl Chidlow- Rater Training Curriculum Review- RESNET Site Maintenance- Marketing Campaign- ANSI Standard Development Organization Application- Misc. Contractual Support – TBD if needed	
Accounting	\$65,000
Travel	\$126,000
RESNET Conference	\$296,000
Other	\$176,000
<ul style="list-style-type: none">- Credit Card Service Fees (\$50,000)- Copying & Printing (\$23,000)- Insurance (\$6,000)- Internet Services (\$2,000)- Legal Services (\$15,000)- Meetings (\$4,000)- Misc. (\$2,000)- Postage (\$2,000)- Rater Member Subscriptions (\$4,200)	

- Software (\$4,000)
- Supplies (\$12,000)
- Telephone (\$14,000)

Total Proposed Budget

\$1,573,000

Kelly Parker made a motion to approve proposed 2011 Budget and Richard Faesy seconded the motion. The proposed 2011 RESNET Budget was unanimously approved.

2011 RESNET Building Performance Conference Update

Steve Baden presented the concept of co-locating the 2013 conference with the national ACCA conference. The location is still to be determined and Kathy Spigarelli will begin discussion with ACCA conference planners.

Laurel Elam gave the 2011 RESNET Conference update. She reminded the board of the 2011 Conference dates, encouraged the board to reserve their room in the conference hotel room block, asked about participation in the board scholarship program, and reported the 2012 RESNET Conference will be in Austin February 27-29.

Date and Location of March 2011 RESNET Board Meeting

The spring 2011 board meeting will be in Washington DC and is proposed to have a 2-3 day event including meeting with representatives. Several date options are being considered (3rd week of March or 3rd week of April 2011). Kathy Spigarelli will follow up with dates and location.

Richard Faesy made a motion to adjourn and the motion was seconded by Orlo Stitt.

Meeting adjourned at 2:58 PM

Attachment A
Draft Minutes
RESNET Board of Directors Board Meeting
July 19, 2010 3 PM Eastern

Members Attending

Ben Adams
Brett Dillon
Charles Eley
David Goldstein
Mark Jansen
Maci McDaniel
Lee O'Neal
Kelly Parker
Javier Ruiz
Orlo Stitt
Greg Thomas
Daran Wastchak
Barb Yankie

Members Absent

Dave Bell
Steve Byers
Dennis Creech
Lance DeLaura
Philip Fairey
Richard Faesy
Andy Gordon

Staff Attending

Steve Baden
Faye Berriman
Laurel Elam

Call to Order/Roll Call

The meeting was called to order at 3 PM EDT. The roll was called and there was a quorum.

Review of Agenda

The agenda was reviewed by Steve Baden and approved by the board..

Approval of February 21st Board Minutes

Kelly Parker made a motion to approve the amended minutes. Mark Jansen seconded the motion. The motion passed unanimously. (*Attachment A*)

Consideration of Proposed Charter of RESNET COMNET Committee

David Goldstein presented the proposed COMNET Charter and asked for questions from the Board. A question was asked if the COMNET Guidelines are going to be part of the RESNET Standards and it will be a

standalone document. Discussion ensued. Kelly Parker made a motion to approve the COMNET Charter. Mark Jansen seconded the motion. The motion passed unanimously.

Consideration of Proposal for RESNET Staff Health Insurance Coverage & Discuss Amending Employee Handbook on Eligibility for Benefits

Steve Baden presented the staff insurance proposal. Mark Jansen made a motion to approve the staff insurance coverage. Daran Wastchak seconded the motion. The motion passed unanimously.

Steve Baden requested amending the employee handbook on eligibility for benefits from one year to thirty (30) days. Maci McDaniel made a motion to approve the amendment to the employee handbook. Brett Dillon seconded the motion. The motion passed unanimously.

Creation of Task Force on Strategic Positioning of RESNET

Steve Baden presented on the need to create a task force to look at the strategic positioning of RESNET. Daran Wastchak will chair the task force and will be responsible for recruitment of members. Members will be from the executive committee, the board of directors, the COMNET committee, and the PR/marketing committee. The board has requested diversity on the task force so that input can come from a variety of people in the industry. The task force will present the review of the current strategic plan at the fall board of directors meeting. Kelly Parker made a motion to approve the creation of a task force on strategic positioning of RESNET with Daran Wastchak as chair and a deadline to review strategic plan by the fall board meeting. Maci McDaniel seconded the motion. The motion passed unanimously.

Steve Baden gave an update on the new homes federal tax credit and the selection of Qorvis as the marketing/PR firm.

Meeting adjourned at 4:08 PM

Attachment B

Draft

2011 RESNET Priorities

- **Tap the Retrofit Market** – Seventy-five percent of buildings that will exist in the year 2050 have already been built. Clearly, if the U.S. is to meet its energy and climate change goals, the energy performance of existing buildings must be improved. This initiative will be addressed through the consumer focus of the new RESNET web site, strategic partnerships with allied trade associations, building supply companies, full implementation of the RESNET National Energy Audit Standard and EnergySmart Contractor guidelines, and support of the Home Performance with ENERGY STAR program, the Department of Energy's emphasis on existing homes in the Building America Program, and developing a closer working relationship with the Building Performance Institute. This effort will include linking raters and contractors in teams together for comprehensive retrofits.
- **Position RESNET as an Organization to Take Advantage of the Opportunities and Meet the Challenges of the Future** – The building performance industry is at a cross roads. The current economic downturn, increased interest in increasing building energy performance of buildings by government agencies, and the convergence of interests with homebuilders and contractors have created new opportunities and challenges to RESNET as an organization. Another development is the inclusion of COMNET and the commercial building sector into RESNET. To review the opportunities and threats created in these times and to recommend revisions to the RESNET strategic planning framework, RESNET has created a RESNET Strategic Positioning Task Force. The task force has been tasked with undertaking a strengths, weaknesses, opportunities and threats analysis (SWOT). Based upon this analysis the task force will recommend revisions to the RESNET Strategic Planning Framework. It will also consider what restructuring of the organization is necessary to meet the strategic planning framework. This effort will be assisted by the new RESNET Industry Advisory Committee composed on leaders in the home building, real estate and mortgage industries and public policy experts.
- **Make RESNET Standards Compliant with American National Standard Institute (ANSI) Protocols** – There is increasing interest in ramping up the performance of energy codes and labeling the energy performance of buildings. The RESNET Standards would be the logical foundation for such initiatives. In order to have the credibility to be referenced in codes and regulations, RESNET standards must be in compliance with procedures adopted by ANSI for the development of consensus standards. RESNET has secured professional services to develop recommendations on making RESNET's process compliant with the ANSI process. In 2010 RESNET will revise its procedures to be ANSI compliant and apply to be an ANSI Standards Development Organization. After RESNET is accredited as a Standards Development Organization, it will adopt the revised standards as ANSI standards. The RESNET Standards Committee will oversee this process.
- **Enhance Quality Assurance Oversight of Rating a Building's Energy Performance** – RESNET's mission is to set the standard of quality for rating a building's energy performance. It must always be a priority for the

organization to maintain high quality oversight of the standards. In 2011

RESNET will complete a file documentation of provider compliance with RESNET's quality assurance procedures and field monitoring of 25% of accredited rating providers. RESNET will also implement the newly enhanced RESNET quality assurance procedures.

- **Expand RESNET Members Business Opportunities** – As a market driven organization not reliant upon government funding, the success of RESNET is determined by the business success of RESNET's members. In 2010 RESNET ramped up this effort through development of a new web site aimed at consumers and that serves as a portal for linking RESNET certified raters and auditors with contractors and a media marketing effort. In 2011 these efforts will be continued and new business opportunities presented through partnerships with such initiatives as WaterSense, green building programs, and code compliance verification.
- **COMNET Recognized as the Commercial Building Energy Performance Rating Standard** – In 2010 COMNET was incorporated into RESNET. COMNET activities are coordinated by the RESNET COMNET Standing Committee. With funding from the Energy Foundation the "COMNET Commercial Buildings Energy Modeling Guidelines and Procedures" were drafted. RESNET has adopted and posted the guidelines and procedures. In 2011 COMNET's efforts will be focused on working with such organizations as U.S. Green Building Council, ASHREA, the U.S. Department of Energy, Environment Protection Agency and Internal Revenue Service to recognize the guidelines for their programs. In addition, the COMNET committee will develop standards for the training and certification of commercial building raters and recommend an organizational and financing structure to the RESNET Board.
- **Foster Strategic Partnerships with the Private Sector** – As a membership based, standards setting, not-for-profit organization, RESNET does not have the resources to undertake the marketing efforts to change markets and encourage efficiency unless it works with partners with large advertising and direct selling budgets. The key to bringing these market forces into play is developing strategic partnerships with the private sector. In 2010 RESNET created strategic partnerships with the PulteGroup, Lennar Homes, the Home Depot, the U.S. Green Building Council, the Insulation Contractors Association of America and the Air Conditioning Contractors of America. In 2011 these partnerships will be deployed and additional partners will be recruited. Enhanced relationships with the Building Performance Institute and Efficiency First will also be developed.
- **Advocate for Federal Energy, Climate Change and Tax Incentive Legislation** – Congress is in the process of creating a number of policy initiatives that address improving the energy performance of buildings. These initiatives include ramping up building energy codes, creating rebates for improving the energy efficiency of existing buildings, labeling the energy performance of buildings, adopting federal standards for utility energy efficiency standards and designing creative financing for building energy performance. In 2011 RESNET will play an active role in working with other energy efficiency and environmental advocacy organizations in providing decision makers with the information needed to craft effective programs that build upon the success of existing efforts. RESNET efforts will be enhanced by its new Washington representative.
- **Influence Federal Initiatives on Building Energy Performance Labeling, Energy Efficient Mortgages and Creative Financing** – The Obama Administration and Congress are interested in creating programs for the labeling of energy performance of buildings, revitalizing energy and location efficient mortgage products and creating innovative financing mechanisms such as loan guarantees, on-bill financing and property tax financing. With its decades of experience with energy efficient mortgages and its active dialog with the European Union's Energy Performance of Buildings Directive labeling efforts, RESNET can provide an important resource to the federal government in the design and implementation of these efforts.

A key element of this effort will be to ensure that the federal initiatives support and expand current efforts rather than replacing them.

- **Adopt Comprehensive Retrofit Energy Audit Software Standard** – With the emergence of such efforts in support of comprehensive retrofits such as the proposed Home Star's Gold Star program there is a need to develop a standard for comprehensive retrofit energy audit standards. RESNET has formed a task force composed of representatives of the nation's leading energy modeling software programs, the national energy research laboratories and the Building Performance Institute. In 2011 the standard will be completed and adopted. In addition, RESNET will work with the U.S. Department of Energy and Environment Protection Agency in recognizing the standard for the Gold Star program and the Home Performance with ENERGY STAR program.
- **Adopt Standard on Performance Testing** – With the growing sophistication of energy raters and auditors, a standard that sets RESNET procedures for the performance testing of building performance is needed. The RESNET Technical Committee is currently drafting the standards that will address air leakage, duct leakage, thermographic, appliance combustion safety testing and developing a work order. The standards will be adopted and implemented in 2011.
- **Implement the RESNET National Building Registry** – Previously there has been no national repository of information on homes that have been rated or assessed following the protocols contained in the RESNET standards or qualified for the federal tax credits. To fill this vacuum, RESNET has developed a RESNET National Building Registry. The registry is an electronic database where accredited providers will upload basic information on homes rated, assessed, or otherwise inspected and tested to meet any program guidelines requiring RESNET quality assurance oversight. The registry is currently undergoing beta testing and will be online in early 2011. In 2011 RESNET staff will also work with The U.S. Department of Energy, the Environmental Protection Agency and Fannie Mae on using the national building registry for the National Builders Challenge, the ENERGY STAR for Homes Program, and energy efficient mortgages.
- **Assist the Environmental Protection Agency in Implementing Version 3 of the ENERGY STAR for Homes Program** – In 2012 the Environmental Protection (EPA) will fully implement Version 3 of the ENERGY STAR for Homes program. This version makes significant changes to the program which will change the role of the home energy rater in the verification of ENERGY STAR Homes. RESNET will work with EPA on the training of raters on the new program requirements as well as work with the Air Conditioning Contractors of America and the quality review of contractors' calculation of the proper sizing of the HVAC systems for ENERGY STAR labeled homes.
- **Position Building Performance for the Emerging Global Carbon Market** – The United Nations is convening the international negotiations for the successor to the Kyoto Climate Accord. It is probable that the U.S. will become a party of the new international treaty. In addition it is possible that the U.S. will adopt a mandatory greenhouse gas cap and trade system in the near future. This will create the foundations for a dynamic global carbon market. The United Nations is pushing to include improving building energy performance as a key principle of the Copenhagen treaty. A global carbon market with the right provisions could provide a key boost in measuring, calculating and improving building energy performance. In 2011 RESNET will work to advocate that the new international climate treaty addresses building performance and to ensure its standards will comply with the new international protocols. RESNET's membership in the United Nations Environmental Program, active involvement in the ISO process of developing standards for rating building energy performance and dialog with the European Union's Energy Performance of Building Directive, positions the organization to be effective in this effort.