

LEED Residential Verification Network Call

February 27, 2024



Agenda

- Energy Update in LEED
- EQc Balancing of Heating and Cooling Distribution Systems (v4 and v4.1 Single Family)
- Update to LI 10444
- Energy Model Reviews – a streamlined review option
- General Reminders

Energy Update in LEED



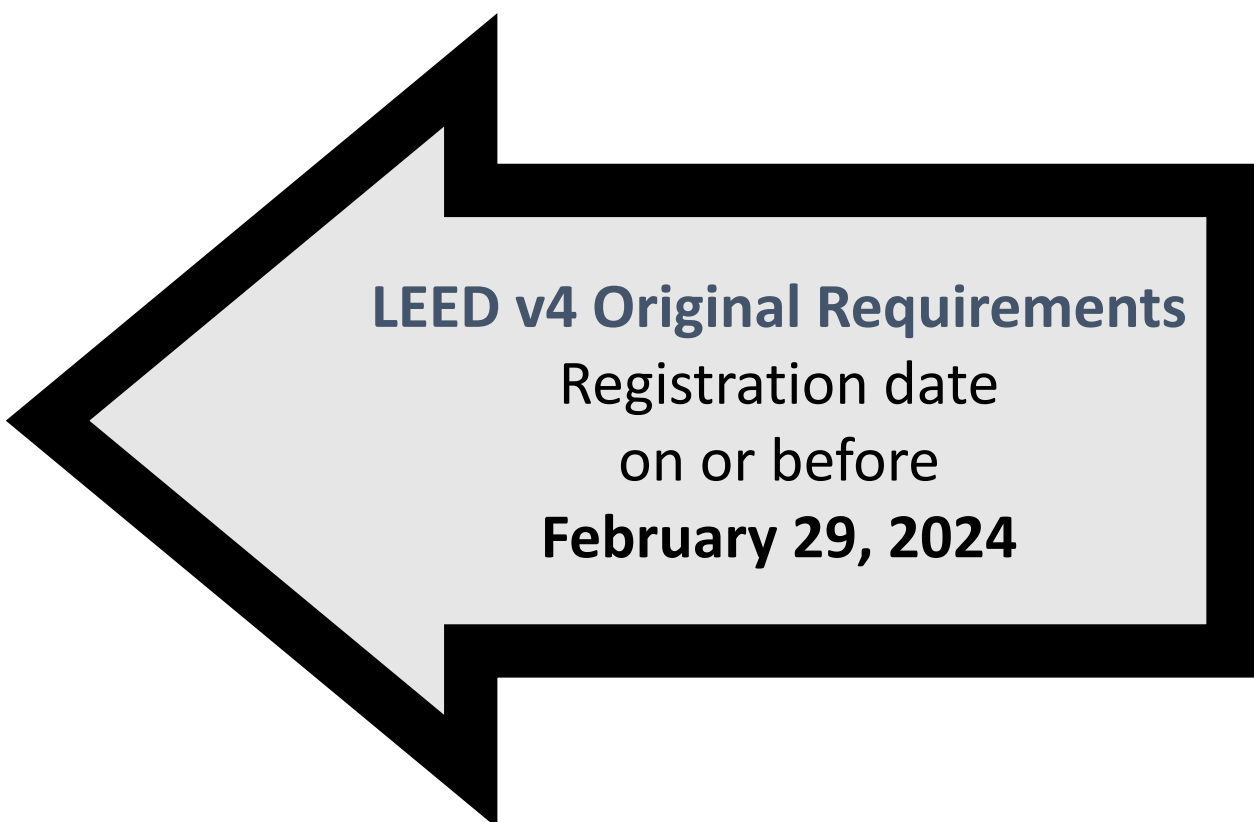
LEED v4 2024 Energy Update

WHY?

Meeting the
urgency of climate
imperatives.



WHEN?



LEED v4 Original Requirements

Registration date
on or before
February 29, 2024



LEED v4 2024 Update:

Registration date
beginning
March 1, 2024



WHAT CHANGES?

- 1 Raises thresholds for energy performance and GHG emissions reductions
- 2 Dual metric for GHG Emissions and energy efficiency
- 3 Home Size Adjustment (HSA)
(Multifamily / Homes)

Prerequisite: Minimum Energy Performance

Percent Improvement beyond ASHRAE 90.1-2010

COST

OR

SOURCE ENERGY

OR

GHG Emissions

10%

Includes onsite renewable contribution;
excludes off-site renewable contribution

CREDIT: DUAL METRIC

Table 1 (BD+C: Multifamily Midrise)
ASHRAE 90.1-2010 % Improvement

COST OR SOURCE ENERGY

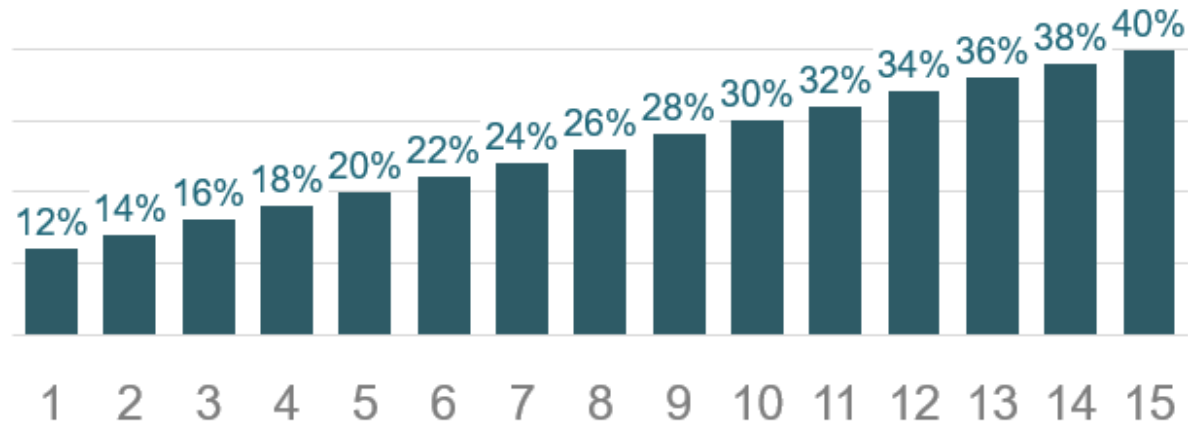
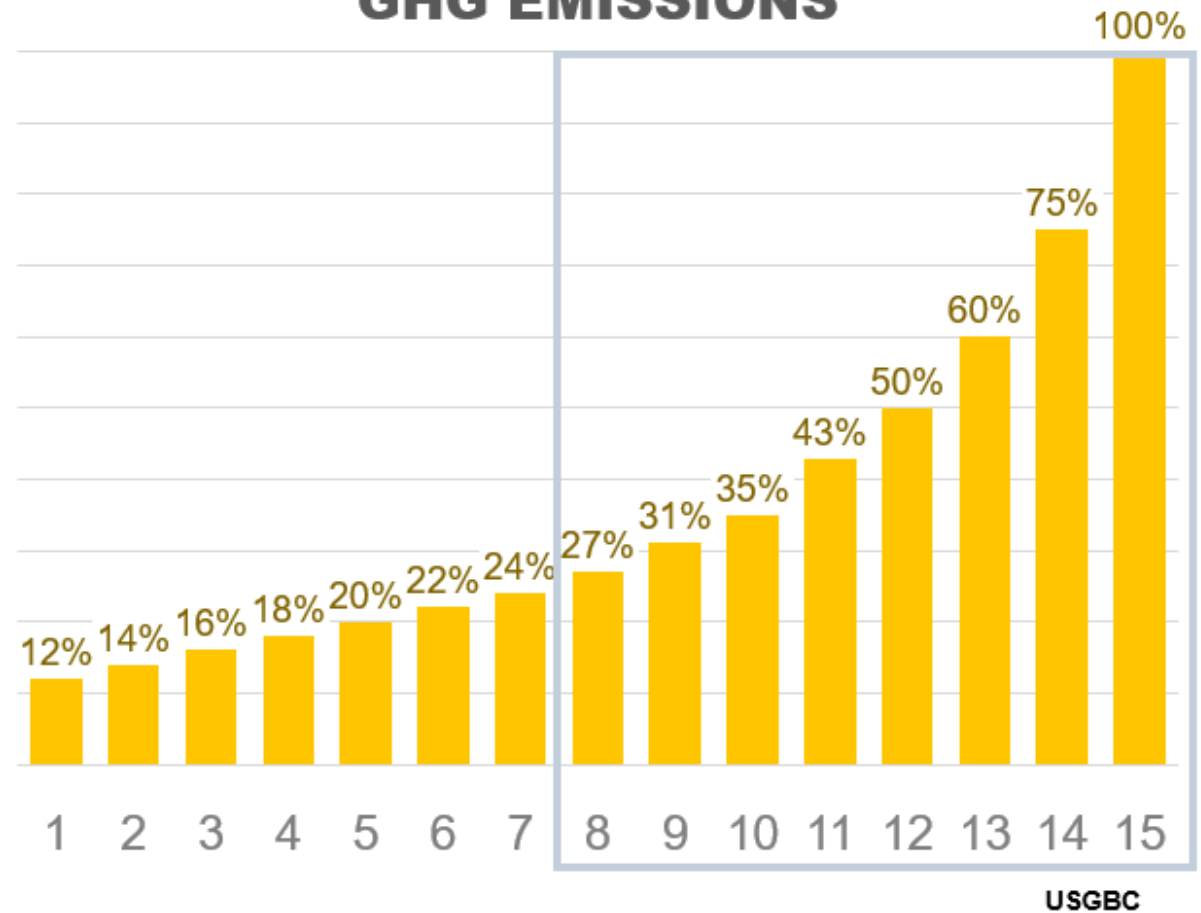


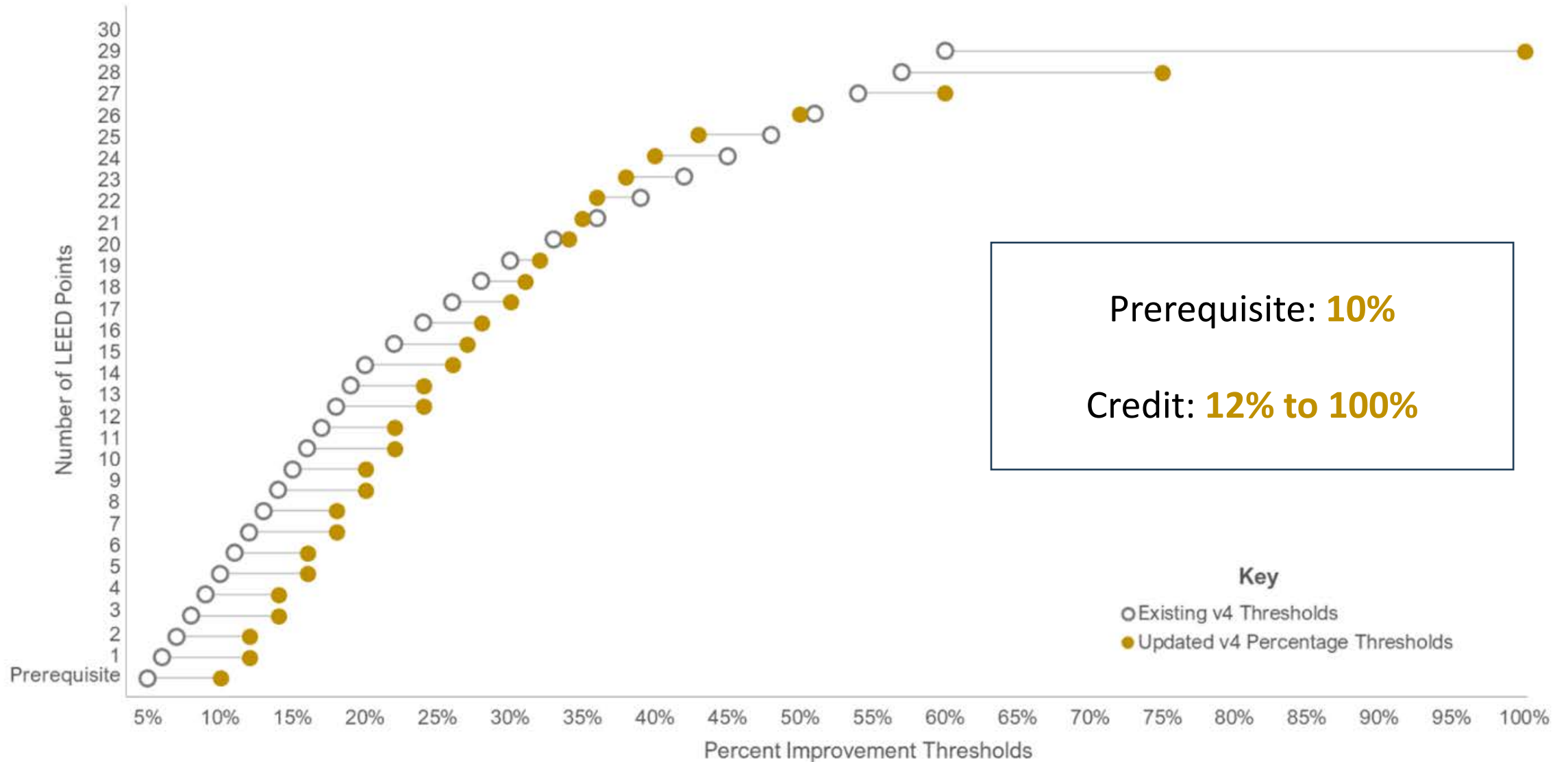
Table 2 (BD+C: Multifamily Midrise)
ASHRAE 90.1-2010 % Improvement

GHG EMISSIONS



LEED v4 BD+C: Multifamily Midrise

% improvement over ASHRAE 90.1-2010 Appendix G



V4 RESIDENTIAL RATING SYSTEMS

Home Size Adjustment (HSA)

Credit: Annual Energy Use

1 point per
4%
decrease in
Home Size

v4 Original



1 point per
7%
decrease in
Home Size

V4 2024 Update

Multifamily Midrise Prerequisite: Minimum Energy Performance

- **Commissioning:**
Reference updated to current
ENERGY STAR Multifamily New
Construction (MFNC)
- **Energy Performance:**
Same as BD+C

Annual Energy Use: Calculating New Points

Table 1. Points for % reduction in PIC below PCI_t (cost or source energy or Demand Adjusted Energy)

Points	Percent improvement
Prerequisite	10%
1	12%
2	14%
3	16%
4	18%
5	20%
6	22%
7	24%
8	26%
9	28%
10	30%
11	32%
12	34%
13	36%
14	38%
15	40%
Exemplary Performance	100%



Table 2. Points for % reduction in PIC below PCI_t (greenhouse gas emissions)

Points	Percent improvement
Prerequisite	10%
1	12%
2	14%
3	16%
4	18%
5	20%
6	22%
7	24%
8	27%
9	31%
10	35%
11	43%
12	50%
13	60%
14	75%
15	100%



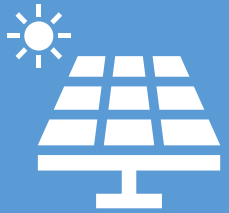
Home Size Adjustment

Table 3. Conditioned floor area of reference home, by number of bedrooms

	Number of Bedrooms							
	1	2	3	4	5	6	7	8 or more
Floor area (square feet)	1,000	1,600	2,200	2,800	3,400	4,000	4,600	+ 600 ft ² per additional bedroom
Floor area (square meters)	93	148	204	260	315	371	426	+ 55.6 square meters per additional bedroom

For multifamily buildings, home size includes only in-unit space.

Renewable Contribution



Onsite Renewable Energy (or on-campus)

Contribution recognized for all referenced metrics for Prerequisite: Minimum Energy Efficiency and Credit: Optimize Energy Performance (Annual Energy Use)



New Offsite Renewable Energy

Tier 2 New Offsite renewable Energy from LEED v4.1 BD+C: EAc Renewable Energy

Contribution recognized for GHG Emissions Metric for EA Credit Optimize Energy Performance. (Renewable grid region typically needed)

≥ 1 for all electric and combustion sources

SOURCE ENERGY

Site energy plus estimated energy consumed or lost in the extraction, processing, and transportation of primary energy forms



LEED Pilot ACP 111.

ASHRAE 90.1-2016

Appendix G

1

New revision of the ACP published specific to residential rating systems and the v4 2024 Energy Update.

2

Updated to align with the dual metrics requirements, renewable energy allowances, and new HSA.

3

Allows Multifamily Lowrise projects with at least 50% in-unit space to use ASHRAE 90.1-2016 modeling.

Energy Simulation Performance Path

Alternative Metrics:

Demand Adjusted Energy +
Future Hourly GHG Emissions:

- Electrification
- Peak electric demand reduction
- Energy Efficiency
- Renewable Energy



Prescriptive Path

PREREQUISITE

- ASHRAE 90.1-2016 or equivalent
- Analyze efficiency in early design

A. Reduce emissions from on-site
combustion (7 to 10 points *)

B. Reduce heating and cooling peaks
(6 points)

C. Energy efficiency (8 to 11 points*)

*Depends on climate zone

Prescriptive

Pilot ACP 160 or
LI 10491 (ESMFNC)

90.1-2016+ code

Pilot ACP 111

90.1-2010 code

v4

OPTIONS

**Major
Renovation**
v4

Passive House

LI 10486

**ENERGY STAR
MFNC**
LI 10491

BD+C: Multifamily Midrise
(All listed in one reference document)
New HSA available for all options

ZERH
LI 10431

Electrification

Pilot ACP 160 or 161

**All-electric baseline
better (CZ3B to 8)**

v4



UPCOMING RESOURCES

1

LI 10491 / 10492 / 10438 can use new HSA approach for all projects (regardless of registration date). Updated workbook coming soon.

2

Updated workbook for v4 energy update coming soon. Must be used by all projects registered after March 1, 2024.

3

Updated credit library, resources, and applicable ACPs.

Questions?

EQc Balancing of Heating and Cooling Distribution Systems

EQc Balancing of Heating and Cooling Distribution Systems

- v4 and v4.1 Single Family, Option 1 says: “Install a system with at least two space-conditioning zones”.
- Projects with 2 independent heating and cooling systems meet this credit requirement.

Update to LI 10444

LI 10444 - Updated Feb. 2, 2024

- Projects using visual verification in line with LEED Interpretation 10444 must use the ENERGY STAR Reference Design values for infiltration and duct leakage from the most current version and revision of the ENERGY STAR National Program Requirements available at the time of project registration.
- The Reference Design values should be used in the energy model for either infiltration and/or duct leakage testing, when visual verification is used in lieu of energy performance testing.
- Projects that use LEED Interpretation 10444 for compartmentalization must also use 0.30 cfm50 per square foot of enclosure in the energy model.

<https://www.usgbc.org/leedaddenda/10444>

Energy Model Reviews – A streamlined review option

Energy Model Reviews – a streamline review option

- For those who submit energy model reviews, you may begin seeing a streamline review option following the preliminary review by a GBCI Reviewer.
- When appropriate, the GBCI Reviewer may award a recalculated cost-savings percentage at the preliminary review.
 - If the project team chooses to accept the recalculated % provided by the Reviewer, no further rounds of review will be needed.
 - The project team retains the option to not accept, and instead submit an updated model and/or further documentation for a second round of review.

Energy Model Reviews – a streamline review option

- Partial credit, by nature, is a conservative % estimate awarded by the Reviewer for streamlining purposes.
- This will not apply to all energy model reviews and should not be expected.
- However, where the Reviewer has high confidence in awarding a recalculated percentage, they may include this option in their notes at preliminary review.
- The intent is to reduce time and costs associated with the energy model review and approval process.

General Reminders

Key Contacts

- Ensure the appropriate email address below is used for all communications about Homes projects and the program.
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- homescertification@gbci.org (irrigation calculator, energy model, certification submittals from QAD to GBCI, questions regarding a project review that is underway)
- homestechnical@gbci.org (technical inquiries)
- greenrater@gbci.org (inquiries related to Green Rater Certificate status and GR training)

Generally, response times are 2-3 business days.
Please Include a note in subject if your request is very time sensitive.



Key Resource Links

- [Registration and Certification Guide](#) – For Verification Team Network
- [LEED Residential Quality Assurance Manual](#) – For Verification Team Network
- [LEED Guide to Certification](#) – All audiences, w/ resource links found under ‘Resources and Tools’
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Upcoming Verification Network Calls

- April 23, 2024 @ 1-2pm ET
- June 25, 2024 @ 1-2pm ET

LEED Residential Verification Network Call

June 25, 2024



Agenda

- New Reviewer Introduction
- Bulk Registration
- Provider License Renewals
- Future of Sampling
- Greenbuild 2024
- Online Suggestion Box
- General Reminders

New Reviewer Introduction

Welcome Karen!

- Karen Bragg
Certification Reviewer
GBCI



Bulk Registration

Bulk Registration – Operational Note

- When a set of projects is registered together in a Bulk Registration, the Project Admin must remain the same for all projects within that Bulk group.
- Do not ask for the project admin to be updated on a project within the bulk group.
- If that occurs, and the project admin is inconsistent across projects within a bulk registration, it creates operational issues. For example, invoices won't be able to be created.

Provider License Renewals

Provider License Renewals

- New licenses were sent out in January of this year.
- If your organization became a Provider before 2023, and did not sign a new license agreement, your license has now termed out.
- If your organization did not yet sign a new agreement, we'll be reaching out again by July 1st.

Future of Sampling

ENERGY STAR and RESNET Sampling Changes

- ENERGY STAR will no longer allow sampling on single-family projects after Jan. 1, 2025.
- RESNET is following suit with ENERGY STAR and will not be allowing sampling of single-family projects after Jan. 1, 2025.
- RESNET has adopted this as an interim amendment and will pursue a final amendment this Fall. See language [here](#).
- While LEED Residential will continue to allow sampling on non-ENERGY STAR measures, we are preparing for this change with regards to ENERGY STAR requirements within the LEED Rating System.

Greenbuild 2024

Greenbuild 2024 – Built to Scale

- Registration is open for Greenbuild 2024 in Philadelphia!
- November 12th to 15th

<https://www.usgbc.org/articles/registration-opens-greenbuild-2024-philadelphia>

Online Suggestion Box

Online Suggestion Box

- We'd like to hear from you.
- We've created a suggestion box for LEED Green Raters and Provider team members to provide feedback on the program delivery, operations, and rating systems.

Provide your suggestions/feedback via our virtual suggestion box, [here](#).

General Reminders

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Upcoming Verification Network Calls

- August 27, 2024 @ 1-2pm ET

LEED Residential Verification Network Call

August 27, 2024



Agenda

- Technical items:
 - California Title-24 equivalency update: LI 10480 – Title 24
 - July 2024 addenda
 - LEED Energy Budget and major energy users
 - SSc Nontoxic Pest Control: foundation walls
 - INc Occupant Comfort Survey
 - Reminder about LI 10490
- Programmatic items:
 - Best Practices for timeliness
 - Projects with certifications on extended holds
 - Faculty opportunity
 - Preparing for 2025 Quality Assurance Manual
 - Joining ENERGY STAR email list for updates
 - Greenbuild 2024

Technical Items

LI 10480-Title 24

LI 10480-Title 24

- LEED LI 10480 update for California T-24 2022 equivalency – Great News!
- The updated LI 10480 can be found in the LEED Credit Library [here](#)
- The updated LI 10480 calculator is found under Related Resources at the bottom of the LI 10480 webpage.
 - Note that this new calculator has 2 tabs; an instructions tab and a 90.1 Equivalent Performance calculator tab.

LI 10480-Title 24

- Inputs from T-24 2022, T-24 2019 or T-24 2016 can be used to provide the equivalent ASHRAE 90.1 Appendix G performance for LEED credit. Projects can also demonstrate additional LEED savings for the photovoltaics and batteries prescriptively required by Title-24.
 - All new and previously registered projects are eligible to apply this guidance.
 - Projects that have already been reviewed for energy may apply this new guidance and resubmit for energy review.
 - The changes to LI 10480 expand applicability to 90.1-2022.
 - Projects using other LEED Interpretations or ACPs referencing California Title-24 2016 or 2019 may continue to apply these interpretations.

July 2024 Addenda

July 2024 Addenda

- [10513](#): Projects using ERI in lieu of a HERS Rating.
- [10514](#): Greywater and rainwater in water reduction calculations.
- [10512](#): Nonpaper-faced backer board with bathtubs.
- [10511](#): Radon requirements for mixed-use buildings.

LEED Energy Budget and Major Energy Users

LEED Energy Budget and Major Energy Users

- Rating System Language:
 - Any major energy users not covered by the energy model, including heated driveways, pools, spas, and heated garages, must be added to the annual energy consumption of the Rated Home.
 - Reminder: [LI 10507](#), which defines 'major energy users': A major energy user is considered anything that uses 1% or more of the project's energy AND is something that conveys with the property (e.g. not electronics).

LEED Energy Budget and Major Energy Users

- Major energy users should be added to the As-Designed Energy Budget and the Reference Energy Budget.
- Also note that we have a beta pool calculator the project teams can request. Request from homestechnical@gbci.org. This calculator allows the use of the HERS Index pathway and provides a penalty to the HERS Index.

SSc Nontoxic Pest Control: Foundation walls

SSc Nontoxic Pest Control: Foundation walls

- Rating System language: For below-grade walls, use solid concrete foundation walls, masonry walls with a course of solid block bond beam, or concrete-filled block.
- A below grade perimeter foundation for slab on grade construction does not meet the intended definition of foundation wall for this credit.

INc Occupant Comfort Survey

INc Occupant Comfort Survey

- Intent: To assess building occupants' comfort.
- Innovation Credit Language:
 - Administer at least one occupant comfort survey to collect anonymous responses regarding at least the following: acoustics, building cleanliness, indoor air quality, lighting, and thermal comfort.
 - The responses must be collected from a representative sample of building occupants making up at least 30% of the total occupants.
 - Document survey results.
 - Develop and implement a corrective action plan to address comfort issues if the results indicate that more than 20% of occupants are dissatisfied.
 - Perform at least one survey and implement corrective actions.
 - At a minimum, perform one new survey at least once every 2 years.

INc Occupant Comfort Survey

- Project teams do not meet the credit as-is by planning to complete the survey in the future.
- However, they can meet the requirements by doing the following:
 - Once there is 30% occupancy and all 30% answer the survey, and so on for higher occupancy, but at least 30% of total projected occupancy must respond.
 - They also must document the survey results and develop and implement a corrective action plan to address comfort issues if the results indicate that more than 20% of occupants are dissatisfied.
 - In addition, they must have a future plan to perform one new survey at least once every 2 years.

Reminder: LI 10490

Reminder: LI 10490

- [LI 10490](#)
- Reminder: This ruling is no longer valid to v4 projects registered after 4.21.23.

Inquiry

Can visual verification be conducted in lieu of duct leakage testing for Mid-rise projects for ducts that are wholly contained in the compartmentalization boundary, or for ducts that serve more than one unit? For ducts that are within conditioned space, any conditioned air escaping from the ducts would remain within the compartmentalized boundary, and would not significantly increase heating or cooling energy consumption.

Ruling

Yes, for ducted heating and cooling systems that have no duct runs outside of the 'compartmentalization boundary' or for ducted heating and cooling systems serving more than one unit, the qualified professional must visually verify that all ducts are fully air sealed and that duct boots are sealed to the drywall in accordance with design requirements.

****This ruling is no longer valid to v4 projects registered after 4.21.23****

Programmatic Items

Timeliness Best Practices

Best Practices for Timely Submittals

- We ask that all certification application submittals be sent to GBCI within 30-90 days of final verification
- This requires several things:
 - Forethought prior to final verification – and communication to the project team to provide supplemental documentation. Gather this items as the project construction moves along.
 - If there is a single LEED measure that will be delayed (for ex. landscaping) have everything else verified and assembled.
 - Follow unanswered e-mails with phone calls.
 - Reach out if you need our help to get a project wrapped up.

Projects with Certifications on Extended Holds

Project Certifications On-hold with Extended Delays

- When a project undergoing a certification review is unable to provide the follow-up information requested by the GBCI Reviewer within 3 business days, the certification is placed on-hold until the information is received.
- The GBCI Reviewer follows-up with the Verification Team Member who is participating in the review.
- Going forward, in the case that a certification has an extended delay with lack of responsiveness, GBCI will send an email indicating that if no further info is provided, certification findings will be issued in 10 business days.
- The project/verification team will have the opportunity to request more time, provided they respond to GBCI within those 10 business days.
- For certification findings that are issued, a project would need to open an appeal (and pay appeal fee) to reconsider the certification outcomes.

Preparing for Updated 2025 Quality Assurance Manual

Coming: 2025 Quality Assurance Manual

- We'll be updating the current LEED Residential QA Manual and issuing a 2025 edition.
- If you have questions, comments, requests for clarification – please send to homes@gbci.org with Attn. to Jennifer/Quality Director by September 15th

<https://www.usgbc.org/resources/leed-residential-quality-assurance-manual>

Faculty Opportunity for LEED Green Rater Training

LEED Green Rater Training – Faculty Opportunity

- USGBC will be offering a hybrid online on-demand and live instructor-led Green Rater Training for international markets in Fall 2024
- Call for Faculty who have experience and interest in teaching a hybrid online course!
- Please send an email to homes@gbci.org with Attn. to Jennifer, Subject: Green Rater Faculty interest

ENERGY STAR Email List

ENERGY STAR Communications

- To remain up-to-date on ENERGY STAR Program, we recommend you sign up for their e-mail communications
- Sign up [here](#)

Greenbuild 2024

Greenbuild 2024 – Built to Scale

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- November 12th to 15th

<https://www.usgbc.org/articles/registration-opens-greenbuild-2024-philadelphia>

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Upcoming Verification Network Calls

- October 22, 2024 @ 1-2pm ET

LEED Residential Verification Network Call

October 22, 2024



Agenda

- Technical items:
 - Guidance for fulfilling EA p/c for international projects
- Programmatic items:
 - LEED v4.1 Residential: Multifamily and Multifamily C&S submittals to GBCI
 - Greenbuild 2024 Work Zone & Poll
- Reminders
 - 2024 certification deadlines
 - 2025 Quality Assurance Manual Update – call for input
 - Certification review timeliness
 - General reminders

Technical Items

EA Achievement for International Projects

Achieving EA p/c for International Projects

- LEED Residential projects outside of North America may experience barriers in satisfying the requirements of EA p/c Minimum Energy Performance.
- Three potential issues may arise:
 - Many international regions do not have a developed workforce of Certified Energy Raters (most commonly HERS Raters).
 - Similarly, many international regions do not have readily available performance testing equipment necessary to conduct the required duct leakage and building envelop leakage testing; and
 - Many of the energy modeling software programs used to prepare an energy model are limited to locations in North America.

Achieving EA p/c for International Projects

- To help address these barriers, the following LEED Interpretations were previously issued:
 - [LI 10443](#) provides an alternative pathway for projects outside of the U.S. and Canada to qualify a professional to fulfill the role of a Certified Energy Rater.
 - [LI 10444](#): provides an alternative pathway for qualified professionals (defined in LI 10443) to perform a visual inspection of the air sealing measures in lieu of performing envelope leakage, compartmentalization, and duct leakage testing.

Achieving EA p/c for International Projects

- As such, international project teams without a Certified Energy Rater in their market can utilize a qualified professional to fulfill the requirements of the Minimum Energy Performance prerequisite and credit.
- BSI now provides an online International Verifier Level 1 training that fulfills the training requirements of LI 10443, and thereby supports someone in meeting the qualified professional requirements.
 - Full Course and Certification description page [here](#). Registration is open!

Achieving EA p/c for International Projects

- Additionally, HouseRater provides a software solution for preparing the required energy model that has the ability to upload specific climate weather data for locations worldwide.
 - Note that HouseRater accommodates for Option 2. HERS Index with Home Size Adjuster when calculating Annual Energy Usage.
- HouseRater also provides a platform for uploading field data documentation and photos, effectively serving as a project management tool.

Programmatic Items

v4.1 MF and C&S Submittals

Reminder: v4.1 MF and C&S Submittals

- LEED Green Raters are responsible for making all submittals to GBCI for certification review, at all review phases
 - A project team member may not submit for review. The only exception is for a precertification review. This option is not based on verification, but on projected achievement based on design.

Greenbuild 2024

Greenbuild 2024 – Built to Scale

- [Greenbuild 2024](#): November 12th to 15th, Philadelphia
- We'll be conducting some market research at Greenbuild and would like to know if you're coming!
- Please let us know if you'll be there in the chat now, or email us at homes@gbci.org with attn. to Jennifer
 - If you have project teams that you know are coming that would be a good fit to meet with our team, please also let us know.

Greenbuild 2024 – Workzone

- The **GBCI Work Zone** will be held Wednesday, 11/13 and Thursday, 11/14!
- Have questions about LEED, WELL, TRUE, EDGE, or SITES certification? Meet one-on-one with GBCI reviewers to discuss your project. Advance appointments available and walk-ins welcome.
- Make advance appointments [here](#).

Reminders

Reminder: 2024 Certification Deadlines

- To ensure certification in 2024, submit certification applications for final review by Wednesday, Nov. 13, 2024
- See full article with details on pre-reviews and other review types [here](#).

Reminder: 2025 Quality Assurance Manual

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<https://www.usgbc.org/resources/leed-residential-quality-assurance-manual>

*Last call. Extended to 10/30/24

Project Certifications On-hold with Extended Delays

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Upcoming Verification Network Calls

- December 17, 2024* @ 1-2pm ET

*Note: This is the third Tuesday due to national holiday the following week.



LEED Residential Verification Network Call

December 17, 2024



Agenda

- Technical Updates/Reminders
 - Reminder: Use current workbooks
 - Reminder: Regarding Cx requirements on the v4 MFMR projects
- Program Updates
 - LEED Homes 2024 Award Recipient
 - 2024 Highlights from the Network
 - Market Research Survey
- General Reminders
 - End-of-year Office Closure
 - Contacts
 - Key Resources
 - Upcoming Calls

Technical Updates

Reminder: Use Current Workbooks

- Download current workbook at the time of project registration.
- Workbooks can be found on the Guide to Certification: Residential page [here](#).
- California T24 projects:
 - Homes and Multifamily lowrise use the Title 24 LEED v4 Homes and Multifamily Workbook
 - Multifamily Midrise use LEED v4 Homes and Multifamily Workbook with LI 10480 to calculate ASHRAE 90.1 2010 equivalency.

Reminder: EAp Min. Energy Performance Cx requirements

- v4 MFMR projects: ENERGY STAR MFHR Certificate, or Commissioning results AND in-unit HVAC testing results are required Certification submittals.
- July 2018 [Addenda 100002223](#): v4 Midrise fundamental Cx guidance provides more detail on Cx requirements.
- This addenda language is also included in the Further Explanation and Verification and Submittals sections of V4 MFMR Minimum Energy performance credit in the online credit library.
 - Note that if the combined capacity of the systems exceeds the thresholds listed in the exception (20 tons cooling, 500,000 btuh heating, or 10,000 cfm) then all such systems must be included in the commissioning scope. DHW boilers and Garage exhaust systems often exceed these thresholds.

Reminder: EAp Min. Energy Performance Cx requirements

- Supporting Cx verification materials to be made available by the project team:
 - Commissioning Report with date of completion
 - List of Systems Commissioned
 - Full issues summary log
 - Number of equipment functional tests performed
 - At least 2 sample function tests (for two different system types)
 - Date of Acceptance by Owner
 - Expected completion date of Commissioning Report (usually one year after Owner's acceptance)
- A project may be certified if there are remaining corrections on the Cx report. An owner's signature with date of acceptance may be required.

Program Updates

LEED Homes 2024 Award Recipients

LEED Homes 2024 Award Recipients

Outstanding Single Family

[222 Hog Mountain Circle](#), Fleischmanns, N.Y., (LEED Gold)

Building Efficiency Resources; GR: Alyssa Scharf

[Lakeside Net Zero](#), Richland, Mich., (LEED Platinum)

GreenHome Institute; GR: Jennifer Andrew

[Rift House](#), Corrales, N.M., (LEED Platinum)

Green Insight; GR: Clifton Trujillo

See full awards announcement [here](#).



LEED Homes 2024 Award Recipients

Outstanding Affordable

[Las Flores](#), Santa Monica, Calif. (LEED Platinum)

g.r.e.g. Consulting, Inc.; GR: Walker Wells



[Legacy Square](#) Santa Ana, Calif. (LEED Platinum)

g.r.e.g. Consulting, Inc.; GR: Walker Wells



[Rockland Homes for Heroes](#), Tappan, N.Y., (LEED Platinum)

Sustainable Comfort Inc.; GR: Alex Fox



See full awards announcement [here](#).



LEED Homes 2024 Award Recipients

Outstanding Multifamily

[55 H St.](#), Washington, D.C., (LEED Platinum)

LEED v4 BD+C: NC

[Green Levels](#), Munich, Germany, (LEED Gold)

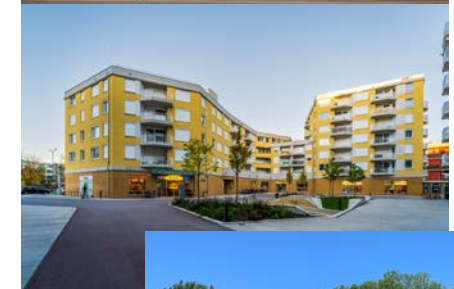
LEED v4.1 O+M: EB

[Prairie Hill Iowa City CoHousing](#), Iowa City, Iowa, (LEED Gold)

Building Knowledge; GR: Brandon Vagt

[Suzumori Village](#), Saitama, Japan (LEED Gold)

Earth Advantage; GR: Steve Mann



GBCI®

LEED Homes 2024 Award Recipients

Outstanding Developers/Builders of the Year

- Frankel Design Build (Texas)
- ICCF Community Homes (Michigan)
- UDR (Texas/ Pennsylvania)



See full awards announcement [here](#).

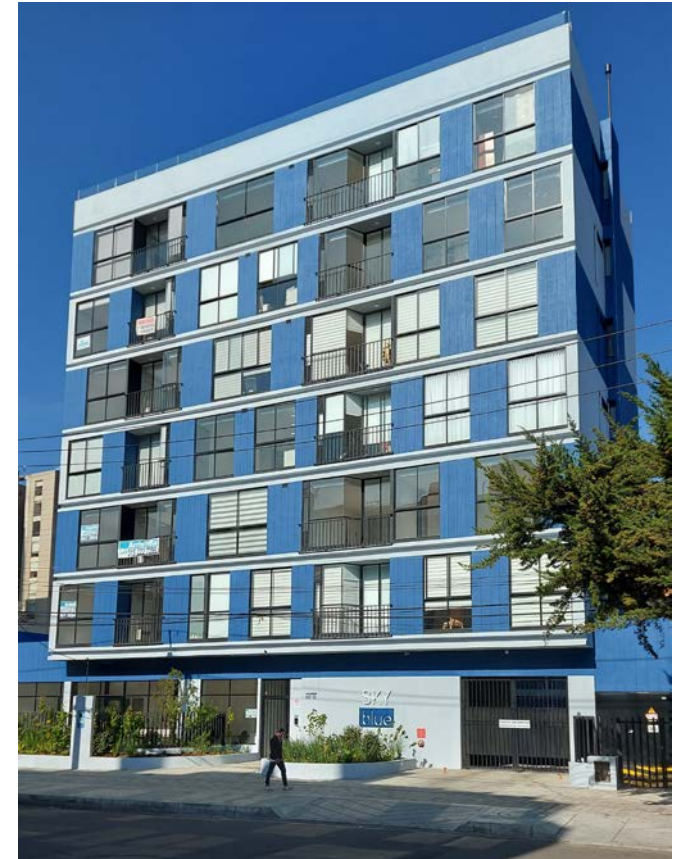
LEED Homes 2024 Award Recipients

Project of the Year

[Sky Blue](#), Bogota, Colombia (LEED Certified)

Green Rater: Esteban Martínez

See full awards announcement [here](#).



LEED Homes 2024 Power Builders

- ActiveWest Builders
- AMLI Residential
- Brookfield Properties
- Fore Property Company
- Frankel Design Build
- ICCF Community Homes
- MHI Austin
- MHI Dallas

- Mokulua High Performance Builder
- National Community Renaissance
- Red Sea Global
- Stafford Homes & Land LLC
- Tri Pointe Homes, Arizona



2024 Highlights from the Network

- What were your 2024 LEED Residential highlights?

Tell us in the chat. We want to know!

Market Research Survey

- USGBC/GBCI is working to gather some important program feedback in advance of the development of LEED v5 for the Residential suite of rating systems.
- We are asking for your input as Verification Team members, as well as input from project teams.
- We have two versions of the survey:
 - Verification Team Members, complete the survey [here](#).
 - Private sector, project team members, complete the survey [here](#).
 - If you have public sector contacts, let us know!



Market Research Survey

- Please **take 5 min. to forward the private sector survey** to 3 project team/industry contacts.
 - Private sector survey is [here](#).
- Please **take 10 min. to complete the Verification Team Members** survey [here](#).

General Reminders

Office Closure

- Please note that USGBC & GBCI will be closed December 25th through January 3rd for winter break. Our offices will reopen January 6, 2025.

Key Contacts

- Ensure the appropriate email address below is used for all communications about Homes projects and the program.
- homes@gbci.org (general customer service, registration and certification inquiries)
- homescertification@gbci.org (irrigation calculator, energy model, certification submittals from QAD to GBCI, questions regarding a project review that is underway)
- homestechnical@gbci.org (technical inquiries)
- greenrater@gbci.org (inquiries related to Green Rater Certificate status and GR training)

Generally, response times are 2-3 business days.
Please Include a note in subject if your request is very time sensitive.



Key Resource Links

- [LEED Residential Quality Assurance Manual](#) – For Verification Team Network
- [LEED Guide to Certification](#) – All audiences, w/ resource links found under ‘Resources and Tools’
- [LEED Green Rater](#) – All audiences
- [Green Rater Supplemental Education](#) – This page provides free continued educational resources for GRs
- [LEED Interpretations/Addenda Database](#) – All audiences
- [LEED Credit Library](#) – All audiences
- [LEED Online User Guide for Residential Projects](#)
- [LEED Online](#) – All audiences, Ensure you select “Homes” prior to registering a project, or use [Homes-specific link](#)
- [Submittal Template](#) – Required form, to be submitted by the Verification Team with every pre-review and certification application submittal to GBCI
- [Virtual Suggestion Box](#) – Online form for GRs and Providers to provide feedback on the program delivery, operations, and rating systems.

Upcoming Verification Network Calls

- February 25, 2025 @ 1-2pm ET
- Connect [here](#).