

- [Credits](#)
- [Pilot credits](#)
 - [Awareness & education](#)
 - [Energy & atmosphere](#)
 - [Indoor environmental quality](#)
 - [Innovation & design process](#)
 - [Location & linkages](#)
 - [Material & resources](#)
 - [Sustainable sites](#)
 - [Water efficiency](#)
- [EApC71 | Performance of ENERGY STAR for Homes](#)
 - [EApC106 | ISO 50002 Energy Audit](#)
 - [EApC106 | ISO 50002 Energy Audit](#)
 - [EApC107 | Energy performance metering path](#)
 - [EApC27 | Reconcile projected and actual energy performance](#)
 - [EApC27 | Reconcile projected and actual energy performance](#)
 - [EApC3 | Medical and process equipment efficiency](#)
 - [EApC3 | Medical and process equipment efficiency](#)
 - [EApC38 | Advanced utility tracking](#)
 - [EApC56 | Renewable energy - distributed generation](#)
 - [EApC56 | Renewable energy - distributed generation](#)
 - [EApC59 | Occupant engagement](#)
 - [EApC59 | Occupant engagement](#)
 - [EApC65 | Monitoring based commissioning](#)
 - [EApC66 | Community contaminant prevention - airborne releases](#)
 - [EApC66 | Community contaminant prevention - airborne releases](#)
 - [EApC66 | Community contaminant prevention - airborne releases](#)
 - [EApC67 | Energy Jumpstart](#)
 - [EApC67 | Energy Jumpstart](#)
 - [EApC71 | Performance of ENERGY STAR for Homes](#)
 - [EApC72 | Active solar-ready design](#)
 - [EApC73 | HVAC Start-up credentialing](#)
 - [EApC73 | HVAC Start-up credentialing](#)
 - [EApC8 | Demand response](#)
 - [EApC8 | Demand response](#)
 - [EApC86 | ISO 50001 for v2009 O+M Projects](#)
 - [EApC92 | Advanced Buildings™ New Construction Guide](#)
 - [EApC95 | Alternative Energy Performance Metric](#)
 - [EApC95 | Alternative Energy Performance Metric](#)
 - [EQpC105 | Lead Risk Reduction](#)
 - [EQpC21 | Low-emitting interiors](#)
 - [EQpC22 | Interior lighting - quality](#)
 - [EQpC22 | Interior lighting - quality](#)
 - [EQpC24 | Acoustics](#)
 - [EQpC44 | Ergonomics approach for computer users](#)
 - [EQpC47 | Acoustic comfort](#)
 - [EQpC47 | Acoustic comfort](#)
 - [EQpC57 | Enhanced acoustical performance - exterior noise control](#)
 - [EQpC57 | Enhanced acoustical performance - exterior noise control](#)
 - [EQpC68 | Indoor air quality procedure](#)
 - [EQpC68 | Indoor air quality procedure](#)
 - [EQpC68 | Indoor air quality procedure](#)
 - [EQpC74 | No environmental tobacco smoke](#)
 - [EQpC78 | Design for active occupants](#)
 - [EQpC78 | Design for active occupants](#)
 - [EQpC78 | Design for active occupants](#)
 - [EQpC85 | Learning Controls for Thermal Comfort](#)
 - [EQpC85 | Learning Controls for Thermal Comfort](#)
 - [EQpC97 | ETS Control for Projects in Japan](#)
 - [GIBpC10 | Sustainable wastewater management](#)
 - [IDpC28 | Trades training](#)
 - [IDpC60 | Integrative process](#)
 - [IDpC60 | Integrative process](#)
 - [INpC104 | Performance Score to LEED Certification](#)
 - [IPpC100 | Passive Survivability and Functionality During Emergencies](#)
 - [IPpC100 | Passive Survivability and Functionality During Emergencies](#)
 - [IPpC101 | Integrative Process](#)
 - [IPpC108 | Integrative Process for Health Promotion](#)
 - [IPpC81 | Green training for contractors, trades, operators and service workers](#)
 - [IPpC81 | Green training for contractors, trades, operators and service workers](#)
 - [IPpC81 | Green training for contractors, trades, operators and service workers](#)
 - [IPpC81 | Green training for contractors, trades, operators and service workers](#)
 - [IPpC88 | LEED O+M Starter Kit](#)
 - [IPpC88 | LEED O+M Starter Kit](#)
 - [IPpC89 | Social equity within the community](#)
 - [IPpC89 | Social equity within the community](#)
 - [IPpC90 | Social equity within the project team](#)
 - [IPpC90 | Social equity within the project team](#)
 - [IPpC91 | Social equity within the supply chain](#)
 - [IPpC91 | Social equity within the supply chain](#)
 - [IPpC93 | Prevention through Design](#)

- o [IPpc93 | Prevention through Design](#)
- o [IPpc96 | LEED Lab](#)
- o [IPpc96 | LEED Lab](#)
- o [IPpc98 | Assessment and Planning for Resilience](#)
- o [IPpc98 | Assessment and Planning for Resilience](#)
- o [IPpc99 | Design for Enhanced Resilience](#)
- o [IPpc99 | Design for Enhanced Resilience](#)
- o [LLpc30 | Bicycle Network and Storage](#)
- o [LLpc9 | Street network](#)
- o [LTpc70 | Green vehicles](#)
- o [MRpc102 | Legal Wood](#)
- o [MRpc103 | Integrative Analysis of Building Materials](#)
- o [MRpc103 | Integrative Analysis of Building Materials](#)
- o [MRpc109 | Building Material Human Hazard & Exposure Assessment](#)
- o [MRpc34 | Design for adaptability](#)
- o [MRpc34 | Design for adaptability](#)
- o [MRpc52 | Material multi-attribute assessment](#)
- o [MRpc52 | Material multi-attribute assessment](#)
- o [MRpc53 | Responsible sourcing of raw materials](#)
- o [MRpc53 | Responsible sourcing of raw materials](#)
- o [MRpc54 | Avoidance of chemicals of concern](#)
- o [MRpc54 | Avoidance of chemicals of concern](#)
- o [MRpc61 | Material disclosure and assessment](#)
- o [MRpc62 | Disclosure of chemicals of concern](#)
- o [MRpc63 | Whole building life cycle assessment](#)
- o [MRpc69 | Construction and demolition waste management](#)
- o [MRpc76 | Material ingredient reporting](#)
- o [MRpc76 | Material ingredient reporting](#)
- o [MRpc77 | Material ingredient optimization](#)
- o [MRpc77 | Material ingredient optimization](#)
- o [MRpc79 | Material ingredients product manufacturer supply chain optimization](#)
- o [MRpc79 | Material ingredients product manufacturer supply chain optimization](#)
- o [MRpc79 | Material ingredients product manufacturer supply chain optimization](#)
- o [MRpc80 | Environmentally preferable interior finishes and furnishings](#)
- o [MRpc80 | Environmentally preferable interior finishes and furnishings](#)
- o [MRpc84 | v4 MR credit category for v2009 projects](#)
- o [MRpc87 | Verified Construction & Demolition Recycling Rates](#)
- o [MRpc87 | Verified Construction & Demolition Recycling Rates](#)
- o [MRpc87 | Verified Construction & Demolition Recycling Rates](#)
- o [SSpc14 | Walkable project site](#)
- o [SSpc14 | Walkable project site](#)
- o [SSpc16 | Rainwater management](#)
- o [SSpc16 | Rainwater management](#)
- o [SSpc45 | Site assessment](#)
- o [SSpc55 | Bird collision deterrence](#)
- o [SSpc64 | Site improvement plan](#)
- o [SSpc7 | Light pollution reduction](#)
- o [SSpc7 | Light pollution reduction](#)
- o [SSpc75 | Clean construction](#)
- o [SSpc75 | Clean construction](#)
- o [SSpc75 | Clean construction](#)
- o [SSpc82 | Local food production](#)
- o [SSpc83 | Site development - protect or restore habitat - alternative compliance path](#)
- o [SSpc83 | Offsite Financial Support for Habitat Protection](#)
- o [SSpc83 | Offsite Financial Support for Habitat Protection](#)
- o [SSpc83 | Offsite Financial Support for Habitat Protection](#)
- o [WEpc10 | Sustainable wastewater management](#)
- o [WEpc10 | Sustainable wastewater management](#)
- o [WEpc17 | Cooling tower water use](#)
- o [WEpc17 | Cooling tower water use](#)
- o [WEpc18 | Appliance and process water use reduction](#)
- o [WEpc18 | Appliance and process water use reduction](#)
- o [WEpc18 | Appliance and process water use reduction](#)
- o [WEpc32 | WaterSense for new homes](#)
- o [WEpc32 | WaterSense for new homes](#)
- o [WEpc94 | No Cooling Tower](#)
- o [WEpc94 | No Cooling Tower](#)
- o [WEpc94 | No Cooling Tower](#)

Our "watch" feature allows you to stay current on all aspects of this specific credit. In your account, you can control what you get updated on and how you receive your notifications. [Hide](#)

LEED BD+C: Homes | v3 - LEED 2008

Performance of ENERGY STAR for Homes

EAPc71 | Possible 1 point

1 result in All .

- [Glossary](#)

Intent

This is a [pilot credit](#). To use any pilot credit on your LEED project, be sure to [register here](#). Documentation requirements and additional questions are listed below.

To improve the building's overall energy performance and reduce its greenhouse gas emissions.

Pilot Credit Closed

This pilot credit was closed to new pilot credit registrations on 3/1/2015. It is now available in the [LEED Innovation Catalog](#) for ongoing use by project teams as an innovation point rather than a pilot credit.

Requirements

Meet all of the following requirements:

1. Meet the requirements of ENERGY STAR for Homes, version 3

Complete the thermal [enclosure](#) system rater checklist, the HVAC system quality installation rater and contractor checklists, and the water management system builder checklist. Certified passive house projects automatically meet the thermal enclosure system rater checklist requirement.

Achieve a HERS index rating at or below the HERS index target (or USGBC-approved equivalent for projects outside the U.S.) or meet the requirements of the ENERGY STAR for Homes version 3 Prescriptive Pathway, which includes meeting or exceeding all components of the ENERGY STAR Reference Design.

2. At least one of the following appliances must be ENERGY STAR qualified (or performance equivalent for projects outside the U.S.) and installed in each dwelling unit:
 - o refrigerator;
 - o dishwasher; or
 - o clothes washer.
 - o
3. All duct runs must be fully ducted (i.e., building cavities may not be used as ducts).

Existing portions of an existing building are given the following allowances:

Thermal Enclosure System Rater Checklist

2.1. Slab insulation is strongly encouraged but not required to meet or exceed 2009 IECC levels.

4.1. Attic insulation at the intersection of existing roof and existing exterior walls does not have to meet R-value requirements.

4.4.5e. Advanced framing is not required on existing framed walls.

5.2.1. Existing sill plates on top of concrete are not required to be placed on a foam gasket.

Water-Managed Site and Foundation

1.3. A capillary break under an existing slab is not required unless there are visible signs of moisture damage on the slab floor.

1.5. Exterior below-grade walls are not required to be damp-proofed on the exterior surface unless there are visible signs of moisture damage on the interior of the wall.

1.8 - Drain tiles surrounded with clean gravel and fabric filter are not required for existing slabs, unless there are visible signs of moisture damage on the slab floor

2, 3. Water-managed wall and roof [assembly](#) requirements are not required for existing walls or roofing unless there are signs of moisture damage related to vulnerabilities in the walls or roof.

General Pilot Documentation Requirements

[Register for the pilot credit](#)

- Participate in the [LEEDuser pilot credit forum](#)
- Complete the feedback survey:

[Credits 1-14](#)

[Credits 15-27](#)

[Credits 28-42](#)

[Credits 43-56](#)

[Credits 57-67](#)

[Credits 68-82](#)

[Credits 83-103](#)

Credit specific:

- All completed inspection checklists
- HERS Target Index, building's HERS Index

LEED for Homes Review Process

LEED for Homes projects: When complete, [submit documentation here](#).