LEED BD+C: Homes | v4

# Advanced utility tracking

Possible 2 points

## Intent

To support energy efficiency efforts through real-time monitoring of energy and water use.

## Requirements

**Case 1. Single Family**

**Option 1. Electric and Water (1 point)**

Meet one of the following:
Install a permanent energy-monitoring system that records at intervals of one hour or less and is equipped with the ability to transmits data to the homeowner or occupant at a remote location (e.g., computer, in-house display).
OR

If the project has an automatic in-ground irrigation system and the landscape irrigated area is larger than 1,000 square feet, install a submeter to monitor all irrigation system components.

**AND/OR**

**Option 2. Third-Party Utility Reporting (1 point)**

The homeowner must share all applicable utility data with USGBC via a USGBC-approved third-party before the project team submits its application for certification.

**Case 2. Multifamily**

**Option 1. Energy Electric and Water (1 point)**

In each unit, install a permanent energy-monitoring system that records at intervals of one hour or less and is equipped with the ability to transmit data to the homeowner or occupant at a remote location (e.g., computer, in-house display).

OR

If the project has an automatic in-ground irrigation system and the landscape irrigated area is larger than 1,000 square feet (93 square meters), install a submeter to monitor all irrigation system components.

**AND/OR**

**Option 2. Third-Party Utility Reporting (1 point)**

**Path 1. Whole-Building Master Meter**

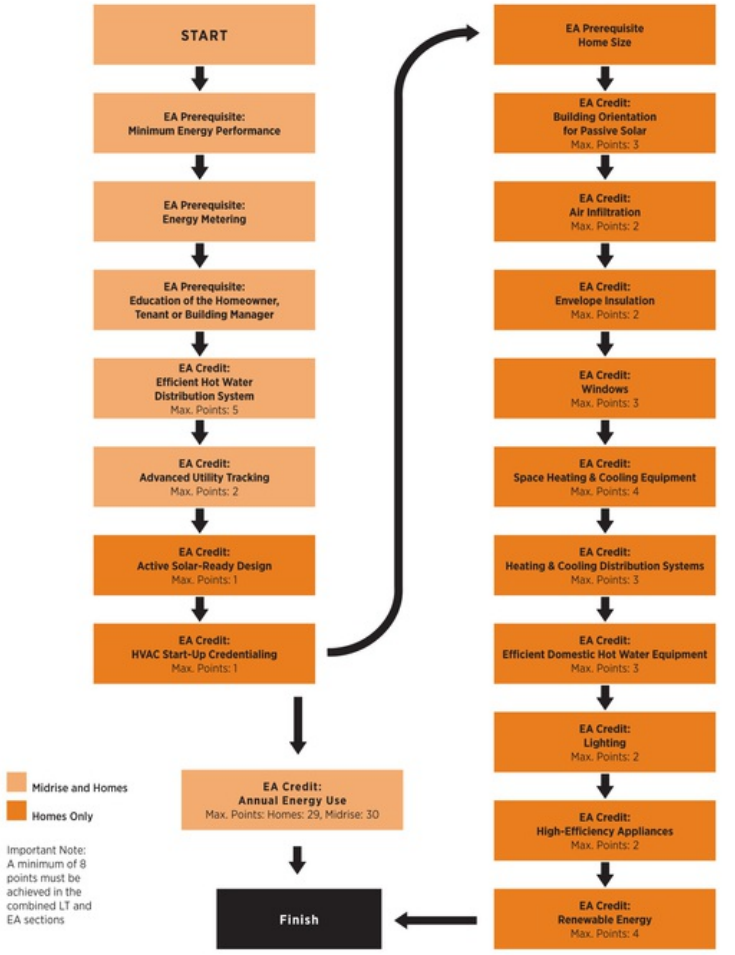
The building owner must share all applicable utility data with USGBC via a USGBC-approved third-party before the project team submits its application for certification.

OR

**Path 2. Individual Unit Meters**

At least 50% of unit owners or occupants must share all applicable utility data with USGBC via a USGBC-approved third-party before the project team submits its application for certification.

Credit available for all projects, whether they are using the EA performance or EA prescriptive path


START
EA Prerequisite: Minimum Energy Performance
EA Prerequisite: Energy Metering
EA Prerequisite: Education of the Homeowner, Tenant or Building Manager
EA Credit: Efficient Hot Water Distribution System Max. Points: 5
EA Credit: Advanced Utility Tracking Max. Points: 2
EA Credit: Active Solar-Ready Design Max. Points: 1
EA Credit: HVAC Start-Up Credentialing Max. Points: 1
EA Credit: Annual Energy Use Max. Points: Homes: 29, Midrise: 30
Finish
EA Prerequisite Home Size
EA Credit: Building Orientation for Passive Solar Max. Points: 3
EA Credit: Air Infiltration Max. Points: 2
EA Credit: Envelope Insulation Max. Points: 2
EA Credit: Windows Max. Points: 3
EA Credit: Space Heating & Cooling Equipment Max. Points: 4
EA Credit: Heating & Cooling Distribution Systems Max. Points: 3
EA Credit: Efficient Domestic Hot Water Equipment Max. Points: 3
EA Credit: Lighting Max. Points: 2
EA Credit: High-Efficiency Appliances Max. Points: 2
EA Credit: Renewable Energy Max. Points: 4
Midrise and Homes
Homes Only
Important Note: A minimum of 8 points must be achieved in the combined LT and EA sections