LEED BD+C: Core and Shell | v2009

Measurement and verification - base building

EAc5.1 | Possible 3 points

Intent

To provide for the ongoing accountability of building energy consumption over time.

Requirements

Option 1

Develop and implement a measurement and verification (M&V) plan consistent with Option D: Calibrated Simulation (Savings Estimation Method 2) as specified by the International Performance Measurement & Verification Protocol (IPMVP), Volume III: Concepts and Options for Determining Energy Savings in New Construction, April 2003.

The documentation must include the following:

- A description of the infrastructure design.
- Existing meter locations.
- Existing meter specifications.
- 1-line electrical schematics identifying end-use circuits.
- Guidelines for carrying out tenant sub-metering.

OR

Option 2

Develop a and implement a measurement and verification (M&V) plan consistent with Option B: Energy Conservation Measure Isolation, as specified by the International Performance Measurement & Verification Protocol (IPMVP), Volume III: Concepts and Options for Determining Energy Savings in New Construction, April 2003.

The documentation must include the following:

- A description of the infrastructure design.
- Existing meter locations.
- Existing meter specifications.
- 1-line electrical schematics identifying end-use circuits.
- Guidelines for carrying out tenant sub-metering.

OR

Option 3. Third Party Data Source (1 point)

Meet MPR 6 through compliance Opttion 1: Energy and Water Data Release Form. Projects must register an account in ENERGY STAR’s Portfolio Manager tool and share the project file with the USGBC master account.