| v1 - LEED 1.0 pilot

Optimize energy performance, envelope

EAc1.5 | Possible 1 point

Glossary

Intent

Achieve increasing levels of energy conservation beyond the prerequisite standard to reduce environmental impacts associated with excessive energy use.

Requirements

Projects are required to achieve two (2) Optimize Energy Performance points. Project teams are awarded these two points towards LEED certification but documentation that verifies compliance with two (2) Optimize Energy Performance points is mandatory for a project to be awarded LEED certification.

Option 1

Demonstrate a 15% improvement in the proposed building envelope compared with the base line building performance rating per ASHRAE/IESNA Standard 90.1 2004 (without amendments) for the building envelope components such as glazing, insulation, roofing, and slab.

OR

Option 2 – Prescriptive compliance path

Comply with the prescriptive measures for building envelope of ASHRAE Advanced Energy Design Guide for Small Retail Buildings 2004. The following restrictions apply:

- Buildings must be under 20,000 square feet
- Buildings must be retail occupancy
- Projects must fully comply with all applicable criteria as established in the Advanced Energy Design Guide for the climate zone in which the building is located.

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