



Intent

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

Requirements

NOTE: All projects registered after June 26th, 2007 are required to achieve at least two (2) points under EAc1. LEED for Homes and LEED for Neighborhood Development projects are exempt from this requirement. LEED for Commercial Interiors projects may earn 2 points from achieving any combination of the 4 sub-credits under EAc1.

Option A

Implement one or both of the following strategies:

- Equipment Efficiency: (1 point)
Install HVAC systems which comply with the efficiency requirements outlined in the New Buildings Institute, Inc.'s publication "Advanced Buildings: Energy Benchmark for High Performance Buildings (E-Benchmark)" prescriptive criteria for mechanical equipment efficiency requirements, sections 2.4 (less ASHRAE standard 55), 2.5, and 2.6.
- Appropriate Zoning and Controls: (1 point)
Zone tenant fit out of spaces to meet the following requirements:
 - Every Solar Exposure must have a separate control zone
 - Interior spaces must be separately zoned
 - Private offices and specialty occupancies (conference rooms, kitchens, etc.) must have active controls capable of sensing space use and modulating HVAC system in response to space demand

Option B

Reduce design energy cost compared to the energy cost budget for regulated energy components described in the requirements of ASHRAE/IESNA Standard 90.1- 2004.

- Demonstrate that HVAC system component performance criteria used for tenant space are 15% better than a system that is in minimum compliance with ASHRAE/IESNA Standard 90.1-2004. (1 point)

OR

- Demonstrate that HVAC system component performance criteria used for tenant space are 30% better than a system that is in minimum compliance with ASHRAE/IESNA Standard 90.1-2004. (2 points)