LEED ID+C: Commercial Interiors | v2.0

Energy use, measurement and payment accountability

EAc3 | Possible 2 points

Glossary

Intent

Provide for the ongoing accountability and optimization of tenant energy and water consumption performance over time.

Requirements

CASE A: For those projects with an area that constitute less than 75% of the total building area:

- Install sub-metering equipment to measure and record energy uses within the tenant space. (1 point.)
- Negotiate a lease where energy costs are paid by the tenant and not included in the base rent. (1 point)

OR

CASE B: For those projects with an area that constitutes 75% or more of the total building area, install continuous metering equipment for the following end-uses: (2 points)

- Lighting systems and controls
  - Constant and variable motor loads
  - Variable frequency drive (VFD) operation
  - Chiller efficiency at variable loads (kW/ton)
  - Cooling load
  - Air and water economizer and heat recovery cycles
  - Air distribution static pressures and ventilation air volumes
  - Boiler efficiencies
  - Building-related process energy systems and equipment
  - Indoor water riser and outdoor irrigation systems
- Develop a Measurement & Verification plan that incorporates the monitoring information from the above end-uses and is consistent with Option B, C or D of the 2001 *International Performance Measurement & Verification Protocol (IPMVP) Volume I: Concepts and Options for Determining Energy and Water Savings*.