



| v3 - LEED 2009

Existing building commissioning - investigation and analysis

EAC2.1 | Possible 2 points

Glossary

Intent

Through a systematic process, to develop an understanding of the operation of the building's major energy-using systems, options for optimizing energy performance and a plan to achieve energy savings.

Requirements

Option 1. Commissioning Process

- Develop a retrocommissioning, recommissioning or ongoing commissioning plan for the building's major energy-using systems.
- Conduct the investigation and analysis phase.
- Document the breakdown of energy use in the building.
- List the operating problems that affect occupants' comfort and energy use, and develop potential operational changes that will solve them.
- List the identified capital improvements that will provide cost-effective energy savings and document the cost-benefit analysis associated with each.

OR

Option 2. ASHRAE Level II Energy Audit

- Conduct an energy audit that meets the requirements of American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), Level II, Energy Survey and Analysis.
- Document the breakdown of energy use in the building.
- Perform a savings and cost analysis of all practical measures that meet the owner's constraints and economic criteria, along with a discussion of any effect on operations and maintenance procedures.
- List the identified capital improvements that will provide cost-effective energy savings and document the cost-benefit analysis associated with each.

Alternative Compliance Paths (ACPs)



[LEED 2009 EBOM reference guide supplement with India ACPs](#)

Credit substitution available

You may use the LEED v4 version of this credit on v2009 projects. For more information [check out this article](#).

Pilot Alternative Compliance Path Available

This credit has an alternative compliance path available for the use of ISO 50001: Energy Management Systems. For more information see [Pilot ACP 86: LEED 2009 EBOM ACPs for ISO 50001](#).



[LEED 2009 EBOM Supplement with ISO 50001 ACPs](#)



[LEED 2009 EBOM reference guide supplement with India ACPs](#)