| v3 - LEED 2008

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

Conduct one of the following:

Option A. 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.

Option B. ASHRAE level II energy audit

Conduct an energy audit that meets the requirements of 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.

Address
2101 L Street NW
Suite 500
Washington, DC 20037

Within the United States:
1-800-795-1747

Outside the United States:
1-202-742-3792

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