



LEED for Existing Buildings, Operations & Maintenance EBSCO

Project Data:

Commercial Building

SWA is working with the EBSCO to assess and upgrade three of the current Ipswich facilities to high performance and green standards.

EBSCO is a worldwide leader in providing information access and management solutions through print and electronic journal subscription services, research database development and production, online access to more than 150 databases and thousands of e-journals, a full-featured OpenUrl link resolver, and e-commerce book procurement. EBSCO has been serving the library and business communities for more than 60 years.

SWA has provided EBSCO with Energy Star and LEED-EB feasibility study for the EBSCO campus of buildings in Ipswich, including 1 Peatfield, 2 Estes and 10 Estes. SWA has joined the team as sustainability consultants, and is working with EBSCO to evaluate a number of energy efficiency improvements in an effort to achieve LEED-EB certification and an Energy Star rating.

Two of the three buildings contain data centers, which has created an interesting challenge in achieving a LEED certification and/or Energy Star rating. Currently, the data centers are not submetered. Data centers use large amounts of energy due to cooling requirements of the equipment and the 24-hour usage.

The list of improvements recommended to EBSCO to achieve the required Energy Star rating of 69 for LEED-EB certification includes:

- Lighting retrofit (cubicle and office spaces)
- Ventilation upgrade (CO2 DCV)
- Combined Heat and Power system
- Energy Efficient Design for Data centers
- Data center HVAC system upgrade
- Submetering the Data Centers
- Building envelope upgrade (air tightness,
- Building envelope upgrade (air tightness, single pane window replacement)
- Water efficiency improvements



Client: EBSCO
Location: Ipswich, MA
Building Type: Commercial
Building Size: 215,000 sq. ft.
Project Cost: \$2.1 million
Project Status: In Progress

Reference: John Armstrong
EBSCO
Ipswich, MA

SWA Contact: Dominique Lempereur
dlempeur@swinter.com

By implementing SWA's recommended measures EBSCO's three facilities hope to achieve LEED-EB Operations and Maintenance Certification and an Energy Star Rating. These measures will cut their energy usage, allow for energy usage monitoring, increase employee comfort and cut energy costs.