OPERATIONAL EXCELLENCE

Describes the core principles and methods for improving the use of energy and operational efficiencies of buildings.

The system design and implementation of a building's technical systems is critical to operational excellence.

Operational excellence can only be achieved through a comprehensive life cycle approach to planning, designing, constructing, managing, and maintaining buildings. The design process, therefore, needs to be focused on the long-term operational performance of the building and to incorporate maintenance considerations.

As the planning, design, and construction of any particular structure represents only a fraction of the life-cycle cost of a building, it is critical that the design is informed and intentional to provide adequate maintenance capabilities and operational efficiencies over the entire life of the building systems.

The guide provides guidance for creating a design approach that focuses on operational excellence and detailing the process and considerations for incorporating operational excellence into any building's design. The guide gives building owners, designers, commissioning providers, and building operators the guidance they need to understand the benefits of operational excellence into any building's design. The guide gives building owners, designers, commissioning providers, and building operators the guidance they need to understand the benefits of operational excellence and the process and considerations for incorporating operational excellence into any building's design.

Operational excellence describes the core principles and methods for improving the use of energy and operational efficiencies of buildings. Design enables operational excellence by providing the foundational structure and systems to effectively serve a building's needs. Designers have the unique ability to impact the long-term operation of a building through integrated and thoughtfully designed systems.

Maximized use of a building at the minimum level of wasted resources is the ultimate goal of operational excellence. It optimizes the total cost of ownership, minimizes environmental impact, and yields maximum beneficial use to both the building’s owner and its occupants. In application, operational excellence is the culmination of an effectively operated building environment, yielding the utmost efficiencies of well-designed and well-constructed systems that result in the provision of safe, comfortable, efficient, and affordable conditions in the built environment.
$875,287 DOLLARS GIVEN BY ASHRAE REGIONS, CHAPTERS AND SECTIONS

$134,242 SUPPORT PROVIDED FOR EDUCATION/ALI PROGRAMS

$11,250 GIVEN IN SUPPORT OF YEA PROGRAMS

$2.9M TOTAL CASH RAISED*

RP CAMPAIGN TOTAL

$2.3M RAISED IN NEW ENDOWMENTS

$1.8M RAISED FOR RESEARCH ONLY

$254,000 AWARDED THROUGH 79 SCHOLARSHIPS

*More than 5,000 contributions from Members, Organizations and other Associations

MARKETING

2,721,430 VISITS TO ASHRAE.ORG

69,561 FOLLOWERS

115,509 FOLLOWERS

20,953 FOLLOWERS

6,396 FOLLOWERS

2,202 FOLLOWERS

FINANCIAL

ASHRAE SOURCE OF FUNDS
12 Months ended June 30, 2022

$26.793M REVENUE

ASHRAE APPLICATION OF FUNDS
12 Months ended June 30, 2022

$27.175M EXPENSE

GOVERNMENT OUTREACH EVENTS

107 EVENTS

225 MEMBERS IN ATTENDANCE

GOVERNMENT AFFAIRS

GOVERNMENT UPDATE NEWSLETTERS

552 ARTICLES & 2,370 READERS