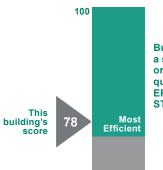
# SCE Energy Benchmarking Program

Benchmark your building for a better bottom line



# **Energy savings for business**

## EPA's ENERGY STAR® Energy Performance Scale



Buildings with a score of 75 or higher may qualify for EPA'S ENERGY STAR®.

50 Average

The energy use of this building has been measured and compared to similar buildings using the Environmental Protection Agency's (EPA's) Energy Performance Scale of 1–100, with 1 being the least energy efficient and 100 the most energy efficient.

Source: EPA ENERGY STAR®

This building uses 209 kBtu per square foot per year.\*

\*Based on source energy intensity for the 12 month period ending December 2009.

# What is Energy Benchmarking?

Benchmarking energy use is the first step to assess a building's energy performance and to measure ongoing progress. It also provides business customers with the ability to:

- Assess their building's energy performance, which is a key step to understanding and reducing energy consumption and the building's carbon footprint
- Conduct an "apples to apples" comparison of a building's energy performance
- Use the energy information of a building in the same way as the Miles Per Gallon (MPG) assessment of a car's operating performance

### **How Businesses Benefit from Energy Benchmarking**

- Enables a comparison of a building's energy use with other similar building types
- Helps determine if a building is using too much energy
- Establishes a continuous improvement energy management process for a building
- Assists customers with energy use planning including goal setting, targets and timelines
  - Assesses effectiveness of current operations, policies and practices
  - Identifies and prioritizes energy efficiency opportunities
  - Verifies and monitors pre- and post-project energy use through changes in operations/equipment
  - Tracks greenhouse gas (GHG) emissions and energy costs

# **How to Get Started**

5-step energy benchmarking process

STEP 1

Visit energystar.gov/benchmarking and create an ENERGY STAR® Portfolio Manager account.

#### STEP 2

Add your facility.

Identify building space(s) in your facility (e.g. office, retail).

Identify meters by providing names that are useful references to you (it is recommended that you use the Service Account Number).

#### TEP 3

Select SCE as your Energy Service Provider in Portfolio Manager's Automated Benchmarking Console and select your gas provider (if applicable).

#### STEP 4

Complete the authorization process for utility meters and input utility specific required data.

At the ABS console, input information such as Account Number, Authentication Key, E-mail Address, etc.

Submit the request for SCE to add energy consumption data to your account.

#### STEP 5

Log back into ENERGY STAR® Portfolio Manager the next business day to see meter data and initial benchmarking results

SCE also offers free classes on Energy Benchmarking at two locations: 1) Energy Education Center-Tulare and 2) Energy Education Center-Irwindale.

Training Overview: "Benchmarking Energy Use in Commercial Buildings" is an introductory-level seminar designed for non-residential building owners/managers and real estate professionals who want to comply with the California State law that requires disclosure of a building's energy benchmarking score at the time of sale, lease or refinancing.

Training Objectives: Participants will learn how to use the EPA's ENERGY STAR® tracking tool Portfolio Manager to guide investment priorities, identify under-performing buildings, verify energy efficiency improvements, and receive Environmental Protection Agency (EPA) recognition for superior energy performance. A hands-on exercise that prepares participants to benchmark their buildings will be included.

Classes are offered monthly. Please visit www.sce.com/workshops to sign up.

# **Energy Benchmarking Tools**

**ENERGY STAR® Portfolio Manager** — This free interactive energy management tool helps determine a building's total energy performance score and allows users to track and assess energy consumption in a secure online environment. Portfolio Manager also helps compare energy use with similar buildings at a national level, as well as set goals, targets and timelines to become more energy efficient.

- Portfolio Manager generates weather-normalized energy intensity (kBtu/sq. ft.) and GHG emissions metrics for all buildings, as well as a percentile energy performance score (1-100) for many eligible building types.
- Based on the building information that is entered into Portfolio Manager, such as its size, location, number of occupants, number of PCs, etc., the ENERGY STAR® Energy Performance Scale compares the actual energy data entered to determine where a building ranks compared to similar buildings.
- Portfolio Manager can be used to:
  - Track energy and water (voluntary) consumption of a building
  - Set energy use priorities
  - Monitor progress
  - Verify energy improvements
  - Receive EPA recognition if a building is a top performing building
  - Comply with upcoming California regulations such as AB 1103, which requires a building to be energy benchmarked using a tool such as Portfolio Manager when an entire building is sold, leased or refinanced

**Automated Benchmarking Service (ABS)** —This free service from SCE is available on the ENERGY STAR® website and allows users to seamlessly upload energy data into their ENERGY STAR® Portfolio Manager account.

- Once customers enter their account data, SCE's automated benchmarking system will review the request. When approved, SCE will provide the energy usage data necessary for generating an ENERGY STAR® score and other building metrics.
- Customers also receive automatic energy usage updates each month.

To learn more about SCE's Energy Benchmarking Program, contact your account representative, visit sce.com/benchmarking or call SCE at 1-800-736-4777.

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