

## Benchmark Your Building for a Better Bottom Line

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:

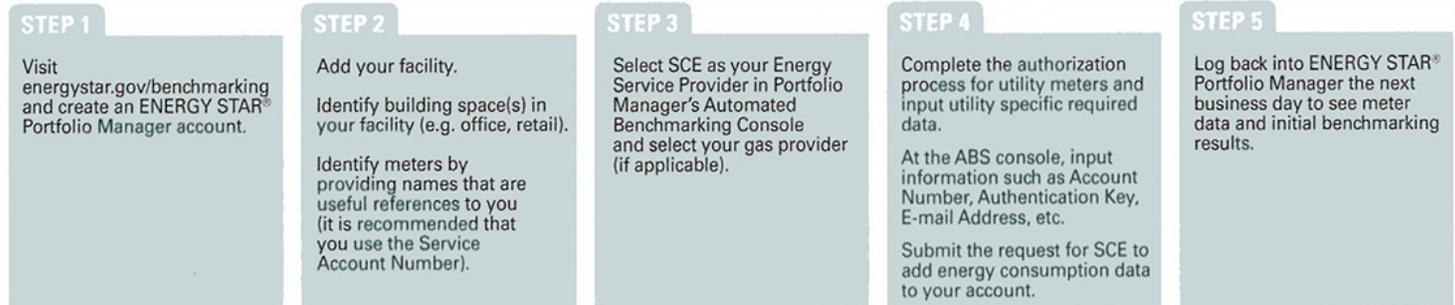
- Assess their building's energy performance, which is a key step to understanding and reducing energy consumption and the building's carbon footprint
- Conduct an "apples to apples" comparison of a building's energy performance
- Use the energy information of a building in the same way as the Miles 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
  - o Assesses effectiveness of current operations, policies and practices
  - o Identifies and prioritizes energy efficiency opportunities
  - o Verifies and monitors pre- and post-project energy use through changes in operations/equipment
  - o Tracks greenhouse gas (GHC) emissions and energy costs

### How to Get Started

#### 5-step energy benchmarking process

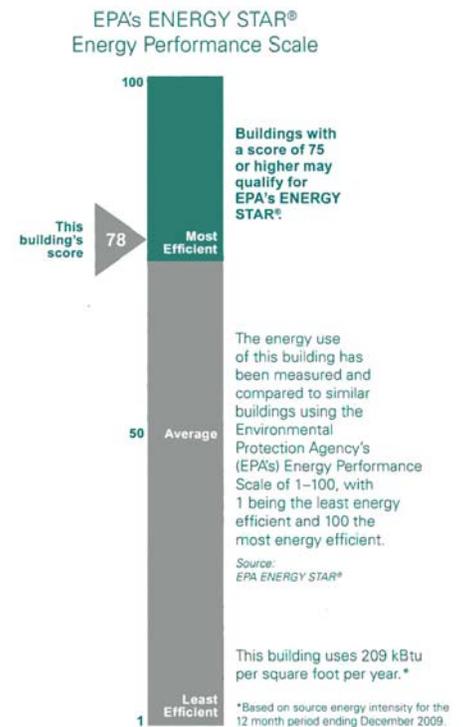


SCE also offers free classes on Energy Benchmarking at two locations: 1) Energy Education Center-Tulare and 2) Energy Education Center-Irwindale.

**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® training 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](http://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:
  - o Track energy and water (voluntary) consumption of a building
  - o Set Energy use priorities
  - o Monitor progress
  - o Verify energy improvements
  - o Receive EPA recognition if a building is a top performing building
  - o 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](http://sce.com/benchmarking) or call SCE at 1-800-736-4777.

## Mark Your Calendars for SCE's Annual Water Conferences

SCE will host two free Water Conferences this fall at our Energy Education Centers to help water and wastewater agencies learn more about how to save energy and money. The 20th Annual Water Conference at SCE's Energy Education Center – Irwindale will take place Tuesday, September 10 and Wednesday, September 11. The one-day conference at the Energy Education Center – Tulare will be held on Tuesday, November 5. The day includes both general and breakout sessions.

This year's events will bring in experts in the field to cover a number of key topics. The schedule for the event at the Energy Education Center – Irwindale currently includes classes on:

- Motors and variable frequency drives
- Managing energy in water and wastewater systems
- Pump testing and improving pumping plant efficiency
- Time-Of-Use and your business energy plan
- Renewable self-generation for water and wastewater agencies, and more.

### Tuesday, September 10, 2013

General session followed by classes in the afternoon.

General Session speakers for Energy Education Center - Irwindale:

#### KEYNOTE SPEAKER

Ken Manning  
Executive Director  
San Gabriel Basin Water Quality Authority

#### GUEST SPEAKERS

Martha Davis  
Executive Manager of Policy Development  
Inland Empire Utilities Agency

Paul Weghorst  
Director of Water Resources  
Irvine Ranch Water District

Chad Gilles  
Practice Lead, Engineering and Energy Management  
EnerNOC

Katie Ordal  
Manager, Member Services  
The Climate Registry

Be sure to visit our exhibitor tables on September 10.

### Wednesday, September 11, 2013

Classes are available throughout the day.

To register, visit [www.sce.com/workshops](http://www.sce.com/workshops) and select the Irwindale link under the "Classes and Workshops: Register Now!" headline.