



California Society for Healthcare Engineering, Inc.



Energy Gold Rush

The California Society of Healthcare Engineers (CSHE) is hosting its first statewide competition among hospitals to save energy and protect the climate. Competitors will work to find Gold (kBTUs) in energy savings through improvements in energy efficiency with help from CSHE, ASHE, and the EPA's ENERGY STAR® program. The hospitals that find most Gold (kBTUs) savings will be recognized as the winners. CSHE is offering recognition to members who help their hospitals become top energy savers! Don't miss out on this event—apply by **September, 12, 2016!**

WHAT'S THIS ABOUT A GOLD RUSH?

CSHE's competition pits hospitals from across the state against each other in a competition to see who can trim their energy waste the most. In addition, CSHE is competing against other ASHE chapters to see which team can reduce their consumption the most. One application allows you to participate in both competitions. Competitors submit their energy use information through June, 2016 to CSHE during the application period and then work to improve efficiency during the remainder of 2016. The competitors that reduce their energy use the most on a percentage basis will be recognized by CSHE as the winners.

Recognition will be given to any facility that saves the most energy in their CSHE region, including an overall California winner.

WHO CAN COMPETE?

An organization can nominate one or more of the hospitals they own or manage in California. Large (greater than 250,000 ft²) and small hospitals are eligible to compete, as long as they have been benchmarked in EPA's ENERGY STAR Portfolio Manager and submit a data request by Sept. 12. See the rules of the game on the reverse side.

HOW DOES IT WORK?

Energy use intensity, or EUI, represents the amount of energy consumed per square foot by a building annually. When an organization benchmarks a building's energy use in Portfolio Manager, the tool automatically calculates the building's EUI, among other metrics, and normalizes for local weather.

The competition will compare a building's EUI between two 12-month periods ending dates: 12/31/2015 and 12/31/2016. The competitors that demonstrate the greatest percent-based reduction in weather-normalized EUI across these two periods will be recognized as a winner in Spring 2017.

RULES OF THE 2016 ROUNDUP!

- Any CSHE member may nominate one or more California-based hospitals to compete.
- Contestants will follow the guidelines, eligibility requirements, and definitions as set forth by ENERGY STAR to properly classify spaces and benchmark buildings.
- The participating hospital must have complete energy usage data for the period (1/1/2015 – 6/30/2016) entered into [Portfolio Manager](#) and submit this data request by 9/12/16.
- All applicants who submit complete energy use data in Portfolio Manager by Sept 12, 2016 will be official competitors in the CSHE 2016 Energy Gold Rush! They will also be helping CSHE take on other chapters across the country.
- To participate in the winner announcement, competitors must submit energy use data in [Portfolio Manager](#) through December 31, 2016 by April 1, 2017.
- Through [Portfolio Manager](#), CSHE will determine which competitors show the greatest adjusted percent energy reduction achieved across these two periods, and these facilities will be declared the winners.
- The presumptive winner in each hospital category, as well as facilities that want to be recognized for reducing energy use by 10 percent or more will be required to have their energy use data for the baseline and comparative periods validated by a PE or RA to receive recognition. Validation procedures will be released by CSHE.

HOW DO I NOMINATE MY FACILITY?

Applying is easy. Visit our special competition web page CSHE.org/CSHE E2C Gold Rush for step-by-step instructions on how to nominate one, several, or all of the hospitals in your portfolio using a [Portfolio Manager](#) report.

1. Confirm your utility data is updated in [Portfolio Manager](#) from 1/1/15 to 6/30/16
2. Submit a [data release here](#) (this will take no more than 5 minutes)
3. Enter your facility (or facilities) name and information in the **attached spreadsheet** and email it to CSHE, jjones@calhospital.org by September 12, 2016.
4. If you have any questions or problems please feel free to reach out to Scott Wallace at Mazzetti, swallace@mazzetti.com.

ABOUT CSHE

We are the premiere healthcare facilities management association in California providing a collaborative partnership comprised of diverse professionals who are dedicated to the continuous improvement and advancement of its membership and healthcare.

ABOUT PORTFOLIO MANAGER

EPA's free online ENERGY STAR [Portfolio Manager](#) tool allows organizations to measure and track the energy use of buildings, set investment priorities, and verify improvements. Eligible building types can receive an ENERGY STAR energy performance score on a scale of 1-100, which indicates its energy performance relative to similar buildings nationwide. Buildings with a score of 75 or higher may be eligible for the ENERGY STAR, EPA's symbol of top energy performance.

Almost a third of all buildings that participated in EPA's 2011 competition posted double-digit savings! At the end of the 2011 competition, 75 of 245 competitors had reduced their annual energy use by 10% or more. And the top 10 all saved 30% or more!

- On average, 30% of the energy used in commercial buildings is wasted.
- Commercial buildings account for 18% of the nation's energy use and nearly 19% of our greenhouse gas emissions.
- Hospitals spend more than \$8 billion annually on energy costs.

WINNER CATEGORIES

One small ($\leq 250,000$ ft²) and one large ($> 250,000$ ft²) hospital from each of the eight regions within CSHE for energy reductions.

One overall "California Energy Champion" winner.

WINNER AWARDS

- Free conference registration for two facility staff of each winner to 2017 CSHE Annual conference
- Plaques to each regional winner
- Certificates for 10% or more energy savings.
- ENERGY STARS for eligible facilities.

BONUS RECOGNITION

All 2016 Gold Rush contestants will be automatically enrolled in the Battle of the Buildings contest for a chance to receive national recognition from the U.S. EPA!

www.energystar.gov/battelofthebuildings