

If you own, manage, or operate a portfolio of commercial buildings, understanding the energy efficiency of each building highlights areas for improvement and helps prioritize portfolio investments.

Use the Asset Score Tool (AST) to assess a building's physical systems and related energy consumption.

The AST establishes the ratings by measuring your building's physical systems against a baseline model of a similar building, allowing for accurate comparisons that account for different building types and sizes.

The AST provides upgrade recommendations, taking equipment age into account.

The AST scores/ratings, together with an energy performance assessment such as the EnergyStar Portfolio Manager, offers a comprehensive diagnosis of your building and its energy use. For example, a building with a low ENERGY STAR score and a high AST may not be operating optimally.

Energy Asset Score

Rates a building's physical systems and provides a ranking on 1-10 scale and a rating by KBTU/sf .

Evaluates all types of commercial and multi-family residential building using industry-verified models.

Gives apples-to-apples comparison across building types and sizes.

Offers recommendations for energy saving investments.

Integrates with the Energy Star Portfolio Manager account.

buildingenergyscore.energy.gov

BUILDING ENERGY Asset Score

Rate the energy efficiency of your property's physical systems



Rate your building now:

buildingenergyscore.energy.gov



Pacific Northwest
NATIONAL LABORATORY

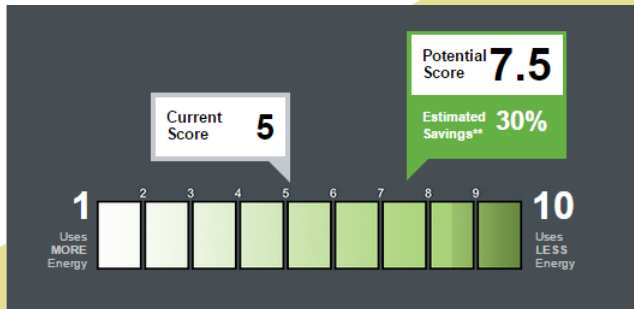


**CONSORTIUM for
BUILDING ENERGY
INNOVATION**

U.S. DEPARTMENT OF
ENERGY

Energy Efficiency &
Renewable Energy

Score Building



Calculate your Energy Asset Score

The Building Energy Asset Score Tool (AST) scores a building on a 1-10 scale. High scores signal a more energy efficient asset.

The AST estimates a building's actual energy use in kBtu/ft² based on assumed operating parameters.

The AST recommends upgrades for your building including improvements to the envelope, interior lighting, HVAC and hot water systems.

The AST provides **Potential Scores** reflecting selected upgrades and associated energy savings.

A clean graphical interface to specify systems: envelope, windows, lighting, HVAC, hot water, and operating scheduling.



Define building systems using available information. Missing values are replaced with sensible defaults.

The Process Is Simple

1. Input basic building information
2. Identify building use type(s)
3. Add inventory of building's features
4. Create 3-D block(s) of building
5. Apply use types and features to building block(s)
6. Run the energy simulation for the Energy Asset Score
7. Review recommendations

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