

What is site energy





Overview

What is site energy?

You're probably already familiar with site energy, which is the amount of heat and electricity consumed by a building as reflected in your utility bills. Looking at site energy can help you understand how the energy use for an individual building has changed over time.

What is site energy vs source energy?

Site energy vs. source energy: what's the difference?

Site energy accounts only for the energy used directly by your property, as reflected on your utility bills. It is considered to be the simplest way to measure a building's energy consumption.

Why is site energy important?

Looking at site energy can help you understand how the energy use for an individual building has changed over time. Site energy may be delivered to a building in one of two forms: primary or secondary energy. Primary energy is the raw fuel that is burned to create heat and electricity, such as natural gas or fuel oil used in onsite generation.

Why is source energy more important than site energy?

Source energy is much more important than site energy if the concern is environmental performance. Site energy is useful because it can be unambiguously measured. Converting to source energy has a major effect on electricity (factor of 3), and has a small effect for fossil fuels like natural gas. So what difference does this make?



What is site energy

Site and source energy

4 days ago · Source energy, on the other hand, refers to the total amount of primary energy required to generate and deliver the site energy to the location. This includes the energy used ...

Site vs Source Energy

Nov 13, 2021 · The difference between site vs source energy is important to understand when considering energy use for buildings.

Site vs Source Energy

Define Site Energy. means the amount of heat and electricity consumed by a Covered Property or Municipal Property as reflected in utility bills or other documentation of actual energy use.

Demystifying Site Energy: The Hidden Power Source in Your ...

Let's cut through the jargon jungle. When we talk about site energy, we're essentially discussing the total energy consumed right where it's used - think of it as the "home cooking" version of ...

18-Source-Versus-SiteEnergy-Infographic_FIN

Feb 2, 2024 · SOURCE VS. SITE ENERGY SOLUTIONS When discussing energy efficiency, decarbonization, and greenhouse gas accounting, the terms source energy and site energy ...

BSD-151: Understanding Primary/Source and Site Energy

Jul 10, 2010 · The difference between site and source energy is a vital concept to understand when looking at the energy performance of buildings--failing to account for the difference will ...

Site Energy -> Term

Oct 19, 2025 · Actionable Consumption Metrics To translate the abstract Site Energy figure into meaningful life adjustments, we can break down its primary components. These are the areas ...

Measuring energy: site energy vs. source energy in ENERGY ...

3 days ago · Measuring energy: site energy vs. source energy in ENERGY STAR Portfolio Manager To benchmark effectively, all different energy types must be expressed in a single ...

The Difference Between Source and Site Energy

After you've benchmarked your building, you'll see several performance metrics, including source and site EUI (or energy use intensity). What's the difference? And which is used for the 1 - 100 ...

Site Energy Definition , Law Insider



Define Site Energy. means the amount of heat and electricity consumed by a Covered Property or Municipal Property as reflected in utility bills or other documentation of actual energy use.

Glossary

Site energy: A building-specific term. The amount of energy that enters a residential or commercial building. Includes the primary energy (natural gas, petroleum products, and ...

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