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Title: Site Energy What is a new energy site

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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.

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.

What is the difference between source energy and site energy?

Source energy is the amount of primary energy consumed in supplying secondary energy to a building. The power generation, transmission, and delivery of source energy to the site results in losses. As a result, source energy is nearly always less efficient than site energy.

What is a site energy score?

By taking all energy use into account, the score provides a complete assessment of energy efficiency in a building. 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.

Let's say a building is totally electric, and all its energy is supplied from the grid. The grid is most likely powered by a combination ...

The amount of energy that enters a residential or commercial building. Includes the primary energy (natural gas, petroleum products, and renewable energy) and the electricity ...

In order to evaluate energy use and how to increase its production and delivery efficiency it is important to identify the different types of energy. Below we will explore the ...

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Let's say a building is totally electric, and all its energy is supplied from the grid. The grid is most likely powered by a combination of fossil fuel, hydropower, nuclear and ...

Source energy accounts for total energy use utility bills. Looking at site energy can help you understand how the energy use for an individual building has changed energy. Primary ...

The amount of energy that enters a residential or commercial building. Includes the primary energy (natural gas, petroleum products, and renewable energy) and the electricity used in the ...

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 result in an ...

Site energy refers to the amount of energy metered at the point of use (e.g. consumed by a building). Site energy may refer to both primary energy (natural gas or fuel consumed on site) ...

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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 power generation.

As described by ENERGY STAR, site energy may be delivered to a building in as either primary or secondary energy. Primary energy is the raw fuel, such as natural gas, that is ...

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