



Small-scale solar on-site energy installation

How can on-site solar PV & energy storage improve sustainability? To achieve sustainability goals while meeting the increasing electricity demands of electrification, organizations are pairing on-site solar PV generation with on-site energy storage. These systems, which are considered as "behind-the-meter" (BTM) systems, allow facilities to maximize the benefits of on-site renewable generation. What are the benefits of a small-scale solar system? Small-scale solar installations can generate power exclusively for on-site use, placing power production "behind the meter." The switch to solar energy not only brings financial benefits but also reduces demand on the grid, consequently decreasing power generation from non-renewable sources like coal and natural gas.

How to install solar panels correctly? Proper installation practices are essential for maximizing energy generation, minimizing downtime, and ensuring the longevity of the system components.

Mounting Solar Panels Site Preparation: Clear the installation site of debris, vegetation, and any obstructions that may shade the solar panels.

How do I qualify for a small-scale solar system (STC)? To be eligible for STCs, newly installed small-scale systems must meet certain requirements. A solar PV, solar battery, wind or hydro system must: be classified as small-scale. Solar hot water systems and air source heat pumps must: have STCs created within 12 months of the installation.

How can a business showcase a solar panel installation? While solar panel visibility may vary based on the specifics of the installation, businesses can find ways to showcase their commitment to renewable energy. For instance, companies can use window displays, digital content, or even informational boards that explain their solar setup and energy-saving impact.

What are the benefits of installing solar panels at a business? One of the most significant yet often overlooked benefits of installing solar panels at a business is how they shape public perception. The mere presence of solar panels sends a powerful message to customers, partners, and the community about a company's dedication to sustainable energy practices.

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