



# Solar power generation drives on-site energy

Use solar power to save you money and reduce your carbon footprint. The most common on-site renewable energy systems are solar-powered. Solar setups convert light energy from the sun into ...

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.

Onsite energy refers to electric and thermal energy generation and storage technologies that are physically located at a facility and provide alternative energy services directly to the site.

Discover the benefits of on-site power generation, how it works, and why it's a smart investment for your business's energy efficiency and sustainability.

Discover how behind-the-meter generation is transforming colocation in 2025. Learn why on-site renewables, fuel cells, and microgrids are key to power, ESG, and resilience.

It involves setting up renewable energy systems like solar panels, wind turbines, or small-scale hydroelectric generators to generate electricity on-site. This approach is gaining ...

Electricity generation by the U.S. electric power sector totaled about 4,260 billion kilowatthours (BkWh) in 2025. In our latest Short-Term Energy Outlook (STEO), we expect U.S. ...

Discover why businesses are shifting to on-site power generation to improve energy reliability, reduce costs, and achieve sustainability goals.

Discover how large energy users are turning to on-site power generation to offset rising capacity costs, improve reliability, and meet green goals.

In this primer, our team explores the factors influencing the rise of on-site generation and explains how companies can evaluate and implement projects with attractive economic returns.



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