



What energy source does the space base station use

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The solar arrays produce more power than the station needs at one time for the station systems and experiments. When the station is in sunlight,

Investigators in the MIT Energy Initiative and the MIT Plasma Science and Fusion Center have found that -- depending on its future cost and performance -- fusion energy has the potential

Geothermal energy, a clean, continuous energy source accessible in many locations, has been slow to catch on. Nearly 2,000 years ago, the Romans made extensive use of geothermal

The station orbits Earth every 90 minutes, spending 45 minutes in sunlight and 45 minutes in darkness. This allows a consistent source of power from the sun,

At the MIT Energy Initiative's Annual Research Conference, industry leaders agreed collaboration is key to advancing critical technologies amidst a changing energy landscape.

Massachusetts Clean Energy Center CEO MBA '12 Emily Reichert highlights the state government's unique approach to fostering and keeping clean energy innovation.

The International Space Station (ISS) is powered by large solar arrays that convert sunlight into electricity, which is then stored in batteries for use when the station is in the Earth's

MIT News explores the environmental and sustainability implications of generative AI technologies and applications.

MIT engineers developed a membrane that filters the components of crude oil by their molecular size, an advance that could dramatically reduce the amount of energy needed for crude oil

As MIT's first vice president for energy and climate, Evelyn Wang is working to broaden MIT's research portfolio, scale up existing innovations, seek new breakthroughs, and channel



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