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Light and shadow solar generator



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Light and shadow solar generator



Scientists Create Prototype Device That Generates Electricity From Shadows

It sounds like something from a sci-fi movie, but the newly revealed Shadow-Effect Energy Generator (SEG) is a real prototype device. The fascinating concept could help us to transform the ...

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Shadow Power: Novel Device Can Generate Electricity From Shadows

Scientists from Singapore were able to create a 'shadow-effect energy generator' device that produces electricity using the contrast of illumination between lit and shadowed areas.



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A new device can produce electricity using shadows

Like in a solar cell, light shining on silicon energizes its electrons. With the gold layer, the shadow-effect energy generator produces an electric current when part of the device lies in

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Shadowmap , The Sun for Everyone - Sunlight & Shadow Analysis in 3D

Use Shadowmap to plan with the Sun by visualizing sunlight and shadows anywhere on the planet. Our interactive web based tool lets you explore sunlight and shadow throughout the year.

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Novel device harnesses shadows to generate electricity

Researchers have created a device called a 'shadow-effect energy generator' that makes use of the contrast in illumination between lit and shadowed areas to generate electricity.

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Using the 'shadow-effect' to generate electricity

A team from NUS Materials Science and Engineering as well as NUS Physics created a device called a shadow-effect energy generator (SEG), which makes use of the contrast in illumination between lit ...

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Device generates power from shadows



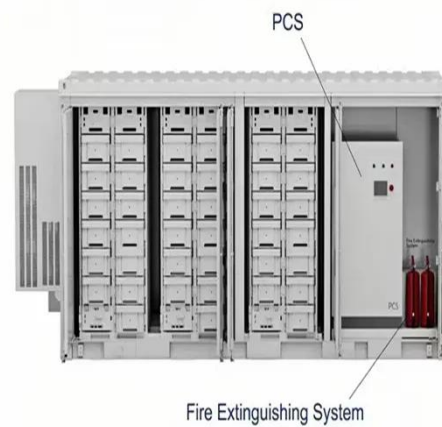
Researchers have created a shadow-effect energy generator that can use the contrast between shadows and light to generate electricity.

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A contrast between shadows and light can now generate electricity

The team compared its generators to commercial solar cells that are typically used under full sunlight. With half of each device in shadow, the generators produced roughly twice as much ...

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Generator Turns Shadows Into Electricity , Solar Power News

Researchers at the National University of Singapore have come up with a new way to harvest energy: creating electricity out of shadows. The so-called "shadow-effect energy generator" ...

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