

European Solar and Energy Storage Solutions

Ted talk solar power



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How much electricity does it take to power the world?

All around the world, millions of people are flipping a switch, plugging in, and pressing an 'on' button every second. So how much electricity does humanity use? And how much will we need in the future? Discover how much energy it ...



We're doomed if solar energy stalls--here's how to keep it rising

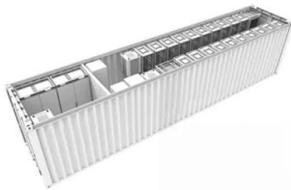
Solar energy is the world's cheapest and fastest-growing power source, but its rise is in danger of stalling, risking catastrophic climate change. Energy expert Varun Sivaram argues that ...



Tombo Banda: Meet mini-grids -- the clean energy solution

Hundreds of millions of people lack access to

electricity in Sub-Saharan Africa, relying on highly polluting diesel and firewood for power and light. Working to brighten the future in her home ...



Marjan van Aubel: The beautiful future of solar power

Solar designer Marjan van Aubel shows how she's turning everyday objects like tabletops and stained glass windows into elegant solar cells -- and shares her vision to make every surface a power station.

How wireless energy from space could power everything

Electrical engineer Ali Hajimiri explains the principles behind wireless energy transfer and shares his far-out vision for launching flexible solar panels into space in order to collect sunlight, ...



A printable, flexible, organic solar cell

Unlike the solar cells you're used to seeing, organic photovoltaics are made of compounds that are dissolved in ink and can be printed and molded using simple techniques. The result is a low-weight, flexible, semi-transparent film that turns ...

Meet perovskite, the mystery mineral that could ...

Someday, solar panels may be light and cheap enough that they could be hung on a clothesline, thanks to a synthetic mineral called perovskite. Physicist Sam Stranks explains the solar-powered science and the ...



How much land does it take to power the world?

No matter how we make electricity, it takes up space. Coal requires mines, and plants to convert it into electricity. Nuclear power takes uranium mines, facilities to refine it, a reactor, and a place ...

Bertrand Piccard: My solar-powered adventure , TED Talk

He shares his own plans to do what many say can't be done -- to fly around the world, day and night, in a solar-powered aircraft. Skip to main WATCH. TED Talks. Browse the library of ...



Marjan van Aubel: The beautiful future of solar power , TED Talk

The Sun delivers more energy to Earth in one hour than all of humanity uses in an entire year. How can we make this power more accessible to everyone, everywhere? Solar designer ...

