

Using space mud to make solar panels

Instead of shipping glass from Earth, they propose using lunar regolith - the Moon's loose, rocky surface - to create glass for solar panels. This single change could reduce a spacecraft's ...

Future lunar bases might be powered by photo voltaic cells made on-site from melted moon mud. Constructing gadgets on the moon, utilizing supplies which might be already there, could ...

You've perhaps heard of using Moon dirt for building roads and other structures for future lunar explorers. But a group of German scientists reckon they've found another use for the grey stuff: ...

In a new study published in *Device*, scientists have shown that it's possible to make solar panels using simulated moon dust. These new solar cells can turn sunlight into energy efficiently,...

The University of Potsdam, in collaboration with other German institutions, has pioneered a project to create solar panels directly on the Moon using lunar regolith as the primary raw material. ...

Scientists at the University of Potsdam have engineered so-called "moonglass" solar cells made by melting artificial moon dust or "regolith" and then combining it with a layer of perovskite...

German researchers melted a synthetic version of the moon's loose surface debris into "moonglass". They paired it with perovskite - a cheap, relatively easy-to-make crystal - to make a ...

Researchers build solar panels from Moon dust, cutting weight and cost while boosting radiation resistance and energy efficiency.

The first energy crisis inspired him to devise the idea of building space-based solar power collectors, using materials mined from the moon, which would beam power to receiving ...

NASA has awarded Blue Origin a \$35 million contract to further develop a technology that creates solar cells out of lunar regolith -- the dust and crushed rock blanketing the moon's surface.



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