# SOLAR PRO. Aetherflux is a new startup developing space-based solar power

### Is aetherflux a space-based solar startup?

Aetherflux, a new startup emerging from stealth Wednesday, says it is developing a novel design for space-based solarto unlock this energy source for the first time. "What we're doing at Aetherflux is a different approach of space solar power," Aetherflux founder Baiju Bhatt said in a recent interview.

#### Who owns aetherflux?

Bhatt is the co-founder and former co-chief executive of Robinhood, a financial services company. Aetherflux currently had just under 10 employees, he said. Interest in space-based solar power was waxed and waned over the decades.

### Is aetherflux a scalable solar system?

That proved the concept but falls short of Aetherflux's pitch for a scalable, commercial system. Aetherflux's raise comes off the back of an award from the Department of Defense's Operational Energy Capability Improvement Fund to develop space solar power for the U.S. military.

### Will aetherflux launch a satellite to test space-based solar power?

Aetherflux plans to launch an initial demonstration satellite to test its space-based solar power technologies by early 2026. Credit: Aetherflux WASHINGTON -- A startup led by a founder of a financial services company is taking a new approach to space-based solar power intended to be more scalable and affordable than previous concepts.

### Will aetherflux launch a satellite in 2026?

Aetherflux announced Oct. 9 plans to develop and ultimately deploy a constellation of satellites in low Earth orbit that will collect solar power and beam it to Earth using infrared lasers. The company is planning to demonstrate this technology with a small satellite launching by early 2026.

#### How does aetherflux work?

Aetherflux's approach is more modular, he said, using a constellation of smaller satellites in low Earth orbitthat the company can iteratively develop. "The approach of power transmission that we're taking, which is infrared laser based, is something that you can actually make on an arbitrarily small spacecraft."

illuminem summarises for you the essential news of the day. Read the full piece on SpaceNews or enjoy below:. ? Driving the news: Aetherflux, a startup developing space ...

The European Space Agency (ESA) has long explored space-based solar power as a potential energy solution, theorizing that solar collection in space--where sunlight is over 10 times more intense than on Earth's ...

Aetherflux: Solar Power from Space. Aetherflux targets outer space as the new frontier for solar power

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harvesting, aiming to build a network of orbital solar power stations that will transmit energy wirelessly to Earth. Unlike ...

Aetherflux, a new startup emerging from stealth Wednesday, says it is developing a novel design for space-based solar to unlock this energy It's been the stuff of science fiction ...

Aetherflux, the space solar startup founded by Baiju Bhatt, the billionaire co-founder of Robinhood, has raised \$50 million in a Series A round as it works to launch its first low Earth...

Space solar startups are attracting serious investor interest, the latest example being a \$50 million Series A haul for the firm Aetherflux.

Aetherflux, a pioneering startup headed by Baiju Bhatt, co-founder of the financial services company Robinhood, has unveiled plans to advance space-based solar power (SBSP) with a ...

The startup announced plans last October to develop a constellation of satellites that would collect solar power and beam it to Earth using lasers. The approach is a departure ...

In this week's pod, we talk with Baiju Bhatt, co-founder of Robinhood and now founder of Aetherflux, a startup focused on space-based solar power. Baiju shares his journey ...

For decades, the idea of harnessing solar energy from space has captured the imagination of scientists and dreamers alike. Now, a promising startup named Aetherflux is ...

The rapid decline in price for solar power has fueled a revolution in renewable energy, but it has a terrestrial cost. The average solar farm is around 40 acres in size, helping reduce carbon emissions but taking up green space. ...

Like nuclear fusion, the idea of space-based solar power has always seemed like a futuristic technology with an actual deployment into communities ever remaining a couple of decades away.

Aetherflux announced it raised \$50 million in a Series-A funding round to develop solar satellites that deliver energy to collector ground stations on Earth. The company, started ...

Aetherflux, a new startup emerging from stealth Wednesday, says it is developing a novel design for space-based solar to unlock this energy source for the first time. "What we"re...

Baiju Bhatt, the cofounder of trading app Robinhood, has a new space startup. Aetherflux aims to launch a constellation of satellites to transmit solar power to Earth using infrared lasers.

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Aetherflux, a US-based space solar startup, has raised \$50m in its Series A funding round. The round was co-led by Index Ventures and Interlagos, with participation from ...

What we're doing at Aetherflux is a new approach to space-based solar energy; it's definitely not your grandparents' solar power." A new vision for space-based solar energy: ...

Aetherflux plans to launch an initial demonstration satellite to test its space-based solar power technologies by 2026. Credit: Aetherflux. WASHINGTON -- A startup taking an alternative...

Aetherflux | 6,992 followers on LinkedIn. Delivering energy to planet Earth with space solar power. | Aetherflux& #39;s mission is to deliver energy to planet Earth. Our work will make energy ...

But there is a potential solution to this problem: build the solar panels in space, then beam the power back to Earth. It's a sci-fi vision that Baiju Bhatt, the billionaire cofounder of fintech company Robinhood, wants to turn ...

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