

# **Bill gates energy storage investment**





## Overview

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Breakthrough Energy Ventures and Lowercarbon Capital co-led a \$50 million financing round in Antora Energy, a start-up looking to decarbonize industrial processes. The thermal battery would store heat from solar and wind farms and provide an alternative to the natural gas boilers that are used by heavy industrial processing companies. Is Bill Gates backing a new thermal storage startup?

Bill Gates' Breakthrough Energy Ventures is backing a new thermal storage startup, expanding its investments in long-duration power backup. Fourth Power converts renewable power to heat, storing it for future use.

Where is Gates Energy headquartered?

It moved to the Portland State Business Accelerator before expanding to its current 200,000-square-foot headquarters. The company is backed by Breakthrough Energy Ventures, Gates' clean energy investment firm; SB Energy, a wholly owned subsidiary of SoftBank; and multinational chemical company BASF, among other investors.

Will energy storage be a priority for investors?

A report from Reuters Events, released Dec. 11, said increasing power generation from renewable resources and rising use of electric vehicles will make energy storage a priority for investors in the coming years. The report said storage technology will continue to play a major role in the energy transition as cleaner energy replaces fossil fuels.

Could fourth power save money on long-term energy storage?

Fourth Power's technology could bring down the costs of long-term energy storage. High tension power lines and solar panels at the Dhafra solar power plant near Abu Dhabi, United Arab Emirates. Fourth Power is looking to store energy generated by renewables as heat for hours to days.

Will energy storage become a priority technology in 2024-2026?



Respondents to a survey of hundreds of energy industry professionals earlier this year said “energy storage will become the priority technology in 2024-2026,” with 43% of respondents “stating that their organization planned to invest in the technology within the next three years,” according to Reuters. 2.

Will Breakthrough Energy Ventures raise fund 3?

Gates told the FT that Breakthrough was “in the process of raising fund three and that’s going very well”. The number of companies that Breakthrough Energy Ventures invested in would increase by some 40 per cent to about 140 holdings across sectors from energy to agriculture as a result.



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### Bill Gates leads \$10M investment in Quidnet's long-duration

Quidnet Energy, a startup developing a long-duration energy storage technology, just closed on a \$10 million series B financing round. Additionally, the firm announced a contract with the New York State Energy Development Authority (NYSERDA) for a 2 MW/20 MWh demonstration project of its geomechanical pumped storage (GPS) technology.

### [Bill Gates' net zero VC fund continues](#)

Long-duration energy storage startup Form Energy has confirmed details of its recently reported Series C investment round, with Bill Gates' Breakthrough Energy Ventures among continuing investors. Form Energy CEO and co-founder Mateo Jaramillo recently told news agency Reuters that his company had closed the funding round with more than US\$70



### Bill Gates on His Climate Investments: The Early Winners and ...

Since 2015, Breakthrough Energy, the climate-investment firm founded by Gates, has lavished \$2.2 billion on more than 160 startups and other initiatives, seeking both returns for investors and

### ESS, battery company backed by Bill Gates, SoftBank, opens on ...

ESS' early momentum attracted \$57 million in investments from powerful backers including Bill



Gates and Softbank, CEO Eric Dresselhuys told CNBC. Now it goes public via ...



### **Ambri LLC Secures \$144M Financing for Battery Technology for ...**

Ambri LLC Secures \$144M Financing for Battery Technology for Daily Cycling Long Duration Energy Storage Applications. Reliance joins Bill Gates, others to invest \$144 mln in U.S. energy storage founded in 1994, is a private investment management firm headquartered in New York. The firm invests in public and private market securities across

### **Bill Gates' Breakthrough Energy Backs Startup That Uses**

Bill Gates' Breakthrough Energy Ventures is backing a new thermal storage startup, expanding its investments in long-duration power backup. Fourth Power converts renewable power to heat, storing it for future use.



### [A critical step to reduce climate change](#)

Bill Gates highlights the three key solutions needed for the transition to clean electricity: improving energy storage, transmission lines, Expanding HVDC lines, however, will not only require new investments in our ...



### **Bill Gates funded energy company is planning a \$760 million**

Form Energy Inc., an energy-storage company backed by Bill Gates's Breakthrough Energy Ventures, is planning a \$760 million factory in West Virginia, the latest ...



### **Bill Gates-backed Ambri raises \$144 million to finance long ...**

Energy storage developer Ambri announced a \$144 million financing round, backed by India's Reliance New Energy Solar Ltd, Paulson & Co. Inc, and the company's largest shareholder, Bill Gates, among others. The funds will be used to finance and commercialize Ambri's daily cycling, long-duration system technology and to build a domestic

### **Six energy companies backed by Bill Gates and Breakthrough Energy ...**

In 2015, the company's billionaire co-founder Bill Gates launched his investment firm, Breakthrough Energy Ventures, and integrate on-site solar and energy storage. The technology can also



### **Bill Gates Backs Stealth Startup with \$91M for Hydrogen Revolution**

The \$91 million investment made Koloma the most-funded company in the space. It got the funds from Bill Gates' Breakthrough Energy Ventures and other big climate investors Energy Impact Partners, Evok Innovations, Prelude Ventures, and Piva Capital. The startup didn't say how much of the funds came from the Microsoft founder Bill Gates.



### **Bill Gates & Energy Secretary Granholm Announce**

(WASHINGTON, D.C.) - Today, Bill Gates and U.S. Department of Energy (DOE) Secretary Jennifer M. Granholm announced a first-of-its-kind collaboration between Breakthrough Energy's Catalyst program and the United States government that will accelerate the adoption of next generation clean technologies. By mobilizing public and private financing to build ...



### **Bill Gates-Backed Startup Taking On Fossil Fuels With Thermal ...**

Antora Energy Inc., a startup supported by billionaire Bill Gates's Breakthrough Energy Ventures, has initiated its first commercial-scale thermal battery system in Fresno, California. The company

### **Gates-Backed Venture Plans to Build \$760 Million ...**

(Bloomberg) -- Form Energy Inc., an energy-storage company backed by Bill Gates's Breakthrough Energy Ventures, is planning a \$760 million factory in West Virginia, the latest plant



### **Bill Gates' Breakthrough Energy Backs New Battery Startup (1)**

Bill Gates' Breakthrough Energy Ventures is backing a new thermal storage startup, expanding its investments in long-duration power backup.. Fourth Power converts renewable power to heat, storing it for future use. Relying on liquid tin, the thermal battery transfers heat to stacks of carbon blocks at extremely high



temperatures, which can later be ...



### Bill Gates-Backed Group Supporting New Energy ...

A Massachusetts-based group developing an energy storage system to support renewable energy resources is moving forward with plans for a prototype facility outside Boston.



### Bill Gates-backed fund aims to invest \$15bn in clean tech

A Bill Gates-backed private-public fund is preparing to invest in clean-tech projects worth as much as \$15bn in the US, EU and UK, aiming to subsidise technologies at scale to help countries reach

### Breakthrough Energy Ventures has made its first two investments ...

The world needs radical new energy technologies to fight climate change. In 2016, Quartz reported that a group of billionaires--including Bill Gates, Jeff Bezos, Jack Ma, Mukesh Ambani, and





[Bill Gates invests in energy storage \(again\)](#)

Energy storage startup Ambri has received \$35 million in venture capital from Bill Gates, Khosla Ventures and French energy company Total, as well as new investors KLP Enterprises, Building



48V 100Ah

**Reliance Joins Bill Gates, Others to Invest \$144 Million**

Indian oil-to-telecoms conglomerate Reliance Industries Ltd said Aug. 10 it would invest \$144 million in U.S. energy storage company Ambri Inc., along with billionaire Bill Gates, investment management firm Paulson & Co. and others.



**Bill Gates has added a geothermal startup to his clean energy ...**

Bill Gates's \$1 billion clean energy fund just opened up its checkbook for the first time. Breakthrough Energy Ventures will announce today it's investing in a host of startups developing

**We just broke ground on America's first next-gen nuclear**

Everything we do runs on electricity: buildings, technology, and increasingly transportation. To meet our economic and climate goals, we need more abundant clean energy, not less. The ground we broke in Kemmerer will soon be the bedrock of America's energy future. Today, we took the biggest step yet toward safe, abundant, zero-carbon energy.

**ESS**





### Bill Gates and Other Famous Investors Launch \$1 Billion Energy ...

On Monday, Gates and his group announced a new \$1 billion fund -- called Breakthrough Energy Ventures -- which will invest in science-based energy research, entrepreneurs and companies in areas

### Bill Gates Backs Energy Storage Startup to Help Heavy Industry ...

Through his investment arm, Breakthrough Energy Ventures, Gates is now financing a start-up that is in the early phases of using technology to solve the issue, CNBC reports. Antora Energy, which was founded in 2018, turns zero-emission energy from renewable energy sources such as wind and solar farms into heat, which it stores in solid carbon



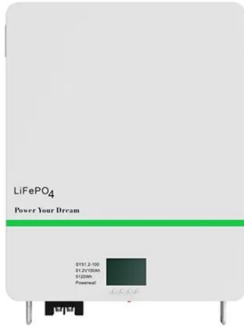
### Bill Gates's next-gen nuclear plant packs in grid-scale ...

Bill Gates's next-level nuclear power station is small, cheap, efficient and fast to build. It also has a built-in, on-demand energy storage system 10 times bigger than the biggest grid-scale

### Breakthrough Energy

We advocate for public policies that will give new technologies a chance in the marketplace, incentivize investment in carbon-reduction technologies, and drive down clean technology costs. Sep 13, 2023. Why I ...





### Breakthrough Energy Founder Bill Gates on the State ...

A letter from Bill Gates about the state of the clean energy transition in 2023 and why he's optimistic about the road ahead. theory, hydrogen can play a key role in decarbonizing many sectors of the global ...

### Reliance joins Bill Gates, others to invest \$144 million in U.S. energy

Indian oil-to-telecoms conglomerate Reliance Industries Ltd said on Tuesday it would invest \$144 million in U.S. energy storage company Ambri Inc, along with billionaire Bill Gates, investment



### Bill Gates-backed Breakthrough fund targets third \$1bn capital ...

The Breakthrough Energy Ventures investment company backed by Bill Gates is aiming to raise another \$1bn for its third and latest fund to take stakes in companies and technology tackling global

### Bill Gates and Chris Sacca invest in energy storage start-up ...

Key Points. Breakthrough Energy Ventures and Lowercarbon Capital co-led a \$50 million financing round in Antora Energy, a start-up looking to decarbonize industrial ...





### Bill Gates' Breakthrough Energy Backs New Battery Startup (1)

Bill Gates' Breakthrough Energy Ventures is backing a new thermal storage startup, expanding its investments in long-duration power backup. Fourth Power converts ...



### Aquion, the Advanced Battery Startup Funded by Bill Gates and ...

An investment from Bill Gates is the kiss of death in energy storage. A Wood Mackenzie Business. Dozens more startups are aiming for utility-scale energy storage working with compressed air



### Bill Gates' fund backs liquid tin energy storage startup

A funding injection from Bill Gates' energy innovation initiative has been granted to a groundbreaking battery technology utilizing liquid tin and holding a Guinness World Record for energy



### A new model for investing in energy innovation , Bill Gates

Bill Gates announces Breakthrough Energy Ventures, a new model for bringing promising energy innovations from the lab to the marketplace. As I've argued before, an investment in a true energy transformation requires governments, research institutions, businesses, and private investors to work together. And it's hard to overstate how





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