

William Henry Gates III was born on October 28, 1955, in Seattle, Washington [3] as the only son of William H. Gates Sr. [b] (1925-2020) and his first wife, Mary Maxwell Gates (1929-1994). [4] His ancestry includes English, German, and Irish/Scots-Irish. [5] His father was a prominent lawyer, and his mother served on the board of directors of First Interstate BancSystem and ...

Bill Gates: The 2024 Corporate Climate Pivot. Back to Newsroom & sol; Category Breakthroughs . By Bill Gates -- On October 15, 2024. ... At Breakthrough Energy, we noticed a subtle, but important, perspective shift from both the investors and corporations we engage with. Major global investors--including endowments, sovereign wealth funds, and ...

DUBAI - 1 December 2023 - Today, at COP28, Energy Dome has announced funding commitments for its first CO₂-based and innovative thermo-mechanical energy storage system to be located in Sardinia, Italy. Funding will be in the form of a project-level grant commitment of up to EUR35,000,000 from Breakthrough Energy Catalyst and EUR25,000,000 Venture Debt financing [...]

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.

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.

Fourth Power, backed by Bill Gates' venture firm, has developed high-density thermal energy storage (TES) based on thermophotovoltaic (TPV) cells. The tech, which is reportedly 10 times cheaper ...

Fourth Power, backed by Bill Gates' venture firm, has developed high-density thermal energy storage based on thermophotovoltaic cells. The tech, which is reportedly 10 times cheaper than lithium-ion batteries, is based on the U.S. company's patented liquid metal heat transfer system.

Bill Gates founded Breakthrough Energy Ventures and is its chairman. Image: UK Department for International Development. Thermal storage startup Antora Energy has raised US\$50 million from a group of investment firms including Bill Gates' Breakthrough Energy Ventures to accelerate the development of its heat-based carbon block energy storage system ...

Thermal storage startup Antora Energy has raised US\$50 million from a group of investment firms including Bill Gates' Breakthrough Energy Ventures to accelerate the development of its heat-based carbon block energy storage system for heavy industry.

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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 ...

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 ...

Bill Gates explains why it's so important to make a better battery. ... I have learned a lot about energy storage by investing in companies that are making batteries better and more affordable. There is some fantastic research going on and some fantastic companies being built, but we need even more innovation. ...

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 ...

A letter from Bill Gates about the state of the clean energy transition in 2023 and why he's optimistic about the road ahead. Skip to main content ... especially through seasonal energy storage. To make sure we don't go dark when the sun isn't shining or the wind isn't blowing, electricity can be converted into hydrogen, stored for ...

ESS Inc manufacturing its energy storage system at its Oregon plant. Image: ESS Inc. ... (ERLG), an initiative led by Bill Gates-founded Breakthrough Energy and Siemens Energy, founded at the 2023 Munich Security Conference to enhance Europe's energy resilience by bringing clean energy tech to scale. LEAG and ESS Inc's project is one of ...

As profiled in a recent blog post by Bill Gates, co-founder of Microsoft, Quidnet is investing in an innovative geo-mechanical pumped-storage (GPS) system, where wells and other underground man-made or naturally occurring features are adapted for energy storage applications. Their system uses the pressure in underground wells to generate ...

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.

(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 ...

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The company said its "thermal energy storage technology uses renewable energy to heat carbon blocks to temperatures so hot they glow like the sun," and then later releases that heat "on demand to the grid as electricity."

Swiss energy firm Proman led the Series B, joined by previous investors Alfa Laval and Bill Gates-backed Breakthrough Energy Ventures, which led Malta's \$26 million Series A round in 2018.

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 ...

A thermal battery startup backed by Bill Gates' Breakthrough Energy Ventures has launched its first commercial-scale system, a major step toward its goal of weaning heavy ...

In a groundbreaking move, Bill Gates' Breakthrough Energy Ventures is championing Fourth Power, a thermal storage startup set to revolutionise long-duration power backup. ... The technology, potentially 10 times cheaper than lithium-ion, could redefine energy storage and propel Fourth Power into commercial deployment by the decade's end.

(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' Nuclear Reactor Company Adds Molten Salt Storage to Its SMR System ... The company has previously flagged this as a potential source of process heat or for energy storage. The ...

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