



Bill Gates recently launched Breakthrough Ventures, a \$1 billion fund to invest in scientific discoveries that have the potential to deliver cheap and reliable clean energy to the world. Gates believes solar fuels has the potential to be an "energy miracle," as it would solve several of the current challenges to renewable energy adoption



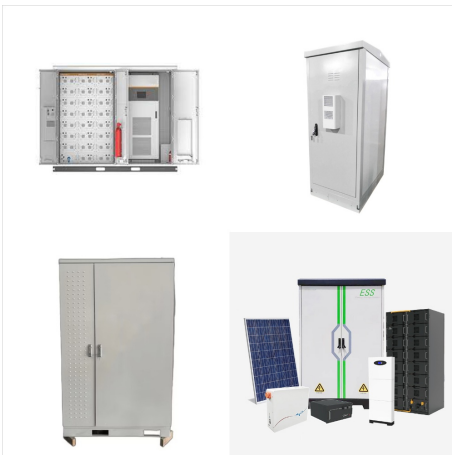
Bill Gates, founder of Breakthrough Energy Ventures and co-founder, Microsoft, during a tour of the Arnergy manufacturing facility Wednesday at Lagos, discussed with Arnergy management, financiers



In a groundbreaking move, Bill Gates' Breakthrough Energy Ventures is championing Fourth Power, a thermal storage startup set to revolutionise long-duration power backup. By converting renewable power into heat stored with liquid tin and carbon blocks, Fourth Power aims to tackle renewable energy intermittency.



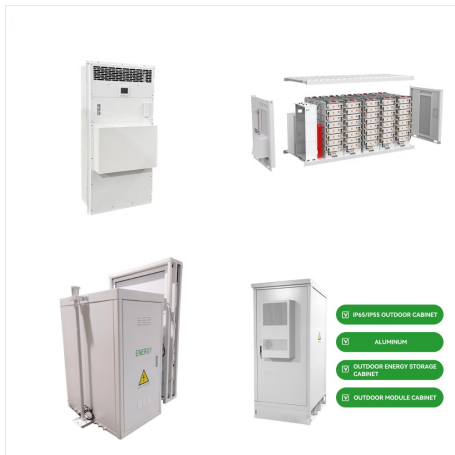
Bill Gates explains why it's so important to make a better battery. I have learned a lot about energy storage by investing in companies that are making batteries better and more affordable. There is some fantastic research ???



Bill Gates is in Paris to help make a big announcement on energy and climate change. The renewable technologies we have today, like wind and solar, have made a lot of progress and could be one path to a zero-carbon ???



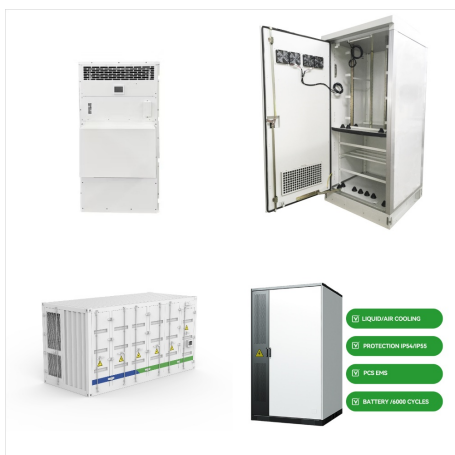
Breakthrough Energy is the umbrella name of several organizations, founded by Bill Gates in 2015, that aim to accelerate innovation in sustainable energy and in other technologies to reduce greenhouse gas emissions. Breakthrough Energy invests in a variety of startup companies that are attempting to commercialize new concepts such as nuclear fusion, large-capacity batteries to store ???



Bill Gates breaks down the major contributors to greenhouse gas emissions and shares his plan for fighting climate change. Although there's been progress in the renewable energy market, we still need more breakthroughs. For example, wind and solar need zero-carbon backup sources for windless days, long periods of cloudy weather, and



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



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.



Bill Gates's energy venture fund is expanding into climate adaptation and later-stage investments. The new efforts are an acknowledgment of the mounting dangers of climate change and the costs of



The Bill Gates-backed climate venture capital firm confirmed to ESG Dive via email it is working on a new fund titled BEV III, whose investment focus will be similar to that of its



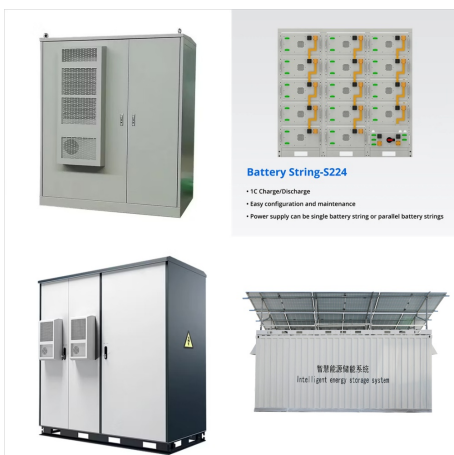
A Bill Gates-backed startup's plans to revolutionize wind energy are taking flight after receiving \$13.75 million in funding to develop a pilot project in Wyoming, as Interesting Engineer details



The noted climate researcher Ken Caldeira suggested I read Sustainable Energy - without the hot air by David MacKay. I'm grateful for his recommendation. The book is available for free at: [where you can also buy it in hard copy](#). There's also a great video of MacKay that I really like.. I agree with Ken that this is one of the best books on energy ???



Bill Gates fund plans new operating system to help rewire world's power grids. Upgrading grid infrastructure is crucial to bringing more variable renewable energy resources online. Breakthrough Energy Ventures is the innovation fund of Microsoft founder Bill Gates. Photo: Flickr/Greg Rubenstein



Bill Gates wrote a book about how to avoid a climate disaster to present a plan for eliminating greenhouse gas emissions. The cost of renewable energy from the sun and wind has dropped dramatically. There's more public support for taking big steps to avoid a climate disaster than ever before. And governments and companies around the world





Wyoming's Airloom Energy has come out of stealth mode with a new CEO fresh out of Google[x], US\$4 million in seed funding, led by Bill Gates's Breakthrough Energy Ventures fund, and a radically



A secretivestartup backed by Bill Gates has achieved a solar breakthrough aimed at saving the planet. Heliogen, a clean energy company that emerged from stealth mode on Tuesday, said it has



A Bill Gates-led investment fund is making a major commitment to clean energy by investing in a number of emerging companies, Quartz reports. Breakthrough Energy Ventures (BEV) plans to invest \$1 billion into radical energy startups, experimenting in anything from hydropower to nuclear fusion that could dramatically reduce global emissions.



Firsted's FlagshipONE and Energy Dome's Ottana CO2 Battery will be the first two European climate tech projects to be supported by the EU-Catalyst partnership, it was announced today at the COP28 in Dubai. The EU-Catalyst partnership was launched in 2021 at COP26 in Glasgow by European Commission president Ursula von der Leyen, Breakthrough Energy's ???



Breakthrough Energy, the nonprofit Bill Gates founded in 2015 to support innovations that will lead the world toward net-zero emissions, recently singled out BU's South Dakota wind farm project as a model for other ???



Bill Gates reveals his solution to achieving a zero-carbon world???and how we can best invest our money to make it happen. These low Green Premiums mean that renewable energy sources like



Bill Gates-backed bid to reinvent wind power set for US debut. "As global demand for renewable energy increases," Airloom CEO Neal Rickner said its technology offers a breakthrough in driving down the cost of energy while "addressing the supply chain challenges that have long hindered the wind sector."