



# Brazil antora energy

Who is Antora energy?

SUNNYVALE, Calif., February 22, 2024 -- (BUSINESS WIRE)-- Antora Energy, a leader in zero-emissions industrial heat and power, raised a \$150 million Series B funding round led by Decarbonization Partners, a partnership between BlackRock and Temasek.

How does Antora energy decarbonize heavy industry?

Antora Energy developed a revolutionary way to decarbonize heavy industry using thermal batteries that are 3x more energy dense than lithium-ion batteries. Antora's battery stores energy in a stack of commercially available carbon blocks in an insulated box. These blocks are heated until they glow like a toaster.

What is Antora thermal battery?

Antora's thermal battery turns cheap, clean energy into the standard that powers global industry. Charges with surplus clean electricity to deliver cost-effective, zero-emission energy at a predictable price. Multi-day storage delivers always-on heat and power for industrial operations where downtime is not an option.

Will Antora's thermal batteries decarbonize industrial energy?

Antora's thermal batteries will have a significant impact on decarbonizing industrial energy while creating U.S. jobs, spurring America's manufacturing sector, and strengthening domestic supply chains. "When it comes to decarbonizing industry, we have no time to waste," said Andrew Ponec, co-founder and CEO of Antora Energy.

How much did Antora energy raise?

Feb 22 (Reuters) - Thermal battery maker Antora Energy on Thursday said it has raised \$150 million in a funding round led by a tie-up between the world's biggest asset manager BlackRock (BLK.N) and Singapore state investment firm Temasek.

What can Antora do for your business?

They Could Also Help Spell the End of Fossil Fuels. LET'S TALK ABOUT WHAT ANTORA CAN DO FOR YOUR BUSINESS. Electrify industrial operations, predictably and profitably. Antora's American-made thermal batteries convert renewable energy into reliable heat & power.

State-Federal Funding Collaboration Enables Company to Accelerate Manufacturing of High-Performance TPV to Decarbonize Industry . Sunnyvale, CA - Antora Energy, a leader in zero-carbon heat and power for the industrial sector, has received over \$4 million in grant funding from the California Energy Commission (CEC) through the Electric Program Investment Charge ...

ANTORA ENERGY: NEW DAYS AWARD. CONTROL NUMBER: 1906-1621 TITLE: ""SOLID STATE THERMAL BATTERY"" Grant Activity. The Y-axis of the chart, showing a range of awarded amounts from



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\$0 to \$9 M \$0 \$1 M \$2 M \$3 M \$4 M \$5 M \$6 M \$7 M \$8 M \$9 M.

Antora Energy received a grant for over \$4 million from the California Energy Commission (CEC) to scale up its heat-to-power thermophotovoltaic technology, which can store renewable power as...

Energy is discharged 24/7 as heat at the scale and temperatures that large industrial operations demand. Heat - To - Power Technology Antora's thermophotovoltaic (TPV) technology converts light from the hot carbon blocks into electricity with no moving parts.

SUNNYVALE, Calif., February 22, 2024--Antora Energy raises a \$150 million Series B funding round led by Decarbonization Partners to slash industrial emissions and spur U.S. manufacturing

Antora Energy's Head of Photovoltaics Operations is Leah Kuritzky. Other executives include Justin Briggs, Co-Founder & COO; David Bierman, Co-Founder & CCO and 2 others. See the full leadership team at Craft.

Backed by Bill Gates' Breakthrough Energy Ventures and Chris Sacca's Lowercarbon Capital, Antora Energy turns sunshine and wind into a reliable, on-demand source of zero-carbon heat and power to enable deep decarbonization of industry and the electric grid. Propelled by a world-class team that includes leaders in their fields, Antora will eliminate gigatons of emissions ...

In 2023, ARPA-E DAYS program awardee Antora launched the world's first dedicated manufacturing line for thermophotovoltaic (TPV) cells. Antora's thermal energy storage, parts of which were developed under the DAYS program, ...

The World Economic Forum is an independent international organization committed to improving the state of the world by engaging business, political, academic and other leaders of society to shape global, regional and ...

Andrew is an energy entrepreneur, engineer, and expert in scaling clean energy technology. Prior to founding Antora, Andrew founded the solar energy company Dragonfly Systems. Dragonfly developed and commercialized novel power electronics for utility-scale solar power plants, and was acquired by SunPower in 2014.

Die Firma Antora Energy aus Kalifornien hat einen Weg gefunden, Strom- und Wärmeproduktionen dauerhaft nutzbar zu machen: mit einer kostengünstigen und zugleich sehr effizienten thermischen Batterie ...

California-based start-up Antora Energy wants to pursue a renewable energy holy grail - cheap carbon batteries that can store excess wind+solar power long term. ... You'd have dirt cheap surplus energy many days and then export energy from a 1-2 thousand mile radius for most balancing needs and we can do that 50 years ago so the breakthrough needed.



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Who is Antora Energy. Antora Energy is electrifying heavy industry with energy storage for clean heat and power. We make it possible and profitable to fully rely on renewable energy for industrial processes. Our technology eliminates the need to burn fossil fuels for heat and power, the biggest source of greenhouse gas emissions.

Antora Energy received a grant for over \$4 million from the California Energy Commission (CEC) and Department of Energy's Advanced Research Projects Agency - Energy to scale up its heat-to-power thermophotovoltaic technology, which can store renewable power as heat in blocks of solid carbon, which converts stored heat into electricity.

Antora Energy, a company seeking to decarbonize industrial heat and power, announced it raised \$150 million in a Series B funding round. The round was led by Decarbonization Partners, a partnership between Blackrock and Temasek. The funds are expected to help Antora ramp up production of its factory-made thermal batteries.

Message to Antora. If you have an industrial facility in mind, please share more detail here: Industrial Facility Location Please provide a brief description of the heat requirements of your site Headquarters 1244 Reamwood Ave Sunnyvale, CA 94089 Manufacturing 2350 Zanker ... &#169;2024 Antora Energy ...

Mission: Antora exists to electrify industry, the single biggest source of global emissions. We believe in spending our time to make the greatest positive impact in the fastest way possible. OUR CORE VALUES: Team and Mission First - We're here to ...

Antora's thermal batteries store energy from renewables as heat for days on end, delivering that stored energy as heat and power at the scale and temperatures that large industrial operations demand. We're on a path to eliminate gigatons of emissions while strengthening domestic manufacturing, curbing industrial air pollution, and enhancing ...

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Antora Energy's thermal battery stores renewable electricity as high-temperature heat in carbon blocks, which can be directly used for industrial process heat or converted back to electricity. Thermal Battery: A modular energy storage ...

Antora Energy Raises \$150 Million to Slash Industrial Emissions and Spur U.S. Manufacturing February 22, 2024. Share. Series B funding led by Decarbonization Partners will accelerate production of Antora Energy's factory-made thermal batteries to decarbonize industrial facilities across the U.S. and around the world .

In 2023, ARPA-E DAYS program awardee Antora launched the world's first dedicated manufacturing line for

thermophotovoltaic (TPV) cells. Antora's thermal energy storage, parts of which were developed under the DAYS program, uses excess solar and wind electricity to heat blocks of carbon to glowing-hot temperatures, and discharges electricity or process heat up to ...

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