



What is Antora energy?

Antora Energy is unlocking zero-emissions industrial heat and power, cheaper than fossil fuels. Antora's thermal battery uses renewable electricity to heat blocks of solid carbon--a low-cost, earth-abundant, and safe storage medium that's used extensively across industries--to glowing-hot temperatures.

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.

How does Antora work?

Antora's thermophotovoltaic (TPV) technology converts light from the hot carbon blocks into electricity with no moving parts. This enables output of both electricity and heat at industrial scale. Antora's factory-made thermal batteries flexibly scale to match the energy needs of any industrial facility.

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.

Is Antora launching a heat-only battery product?

Antora is currently developing major commercial projects for its first heat-only battery product as Antora's combined heat and power battery product moves rapidly towards commercialization.

Who is Antora heat-to-power?

Antora's heat-to-power team includes the foremost experts on thermophotovoltaics and semiconductor manufacturing, bringing decades of experience and a combined 18 world records. Antora bridges the gap between renewable energy and industrial manufacturing.



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Antora Energy says its new 2 MW factory will make
thermophotovoltaic cells for thermal storage
applications. The cells are based on III-V
semiconductors and reportedly have a
heat-to-electricity



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 .



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. Join us to do the most impactful and fulfilling work of your life. (C)2024 Antora Energy



Antora Energy's Post. linkedin ??? Oct 03, 2024.
Antora Energy's Post. linkedin ??? Oct 03, 2024.
Antora Energy Named as a Best Workplace for Innovators by Fast Company. globenewswire ??? Sep 10, 2024. Antora Energy Selected by ARPA-E for \$14.5 Million Award to Accelerate Launch of Heat & Power Product. finance ??? Aug 03, 2024



Antora Energy is commercializing a thermal battery that lets manufacturers use renewable energy around the clock. Zach Winn January 25, 2024 MIT News Antora Energy has developed a low-cost, highly efficient thermal battery that stores electricity produced by wind and solar generators as heat, allowing manufacturers and other energy-hungry businesses to ???



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 ???



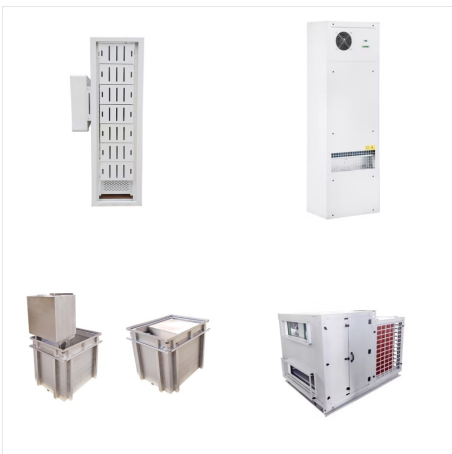
CX-031653: Antora Energy, Inc. -- Deep Decarbonization Enabled by Scale-Up of Solid-State Heat Engines for Ultra-Low-Cost Thermal Batteries Funding will support the project's research, development, and scaling the pilot production of a combined heat and power (CHP) thermal battery which???



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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.



Cleantech-Unternehmen Antora Energy erhitzt Blöcke mit überschüssiger Energie auf 1.800 Grad Celsius. Das Cleantech-Unternehmen Antora Energy hat eine bahnbrechende Technologie entwickelt, die sich ???



Die kalifornische Firma Antora Energy will mit einer thermischen Batterie die industrielle Dekarbonisierung vorantreiben. ingenieur - Jobb?rse und Nachrichtenportal f?r Ingenieure.



ARPA-E Disruptors are stories about trailblazing ARPA-E technologies that promote a secure, affordable, and sustainable American energy future. ARPA-E technologies are transforming the way we use, generate, and store energy, and the agency's performers have a long history of making revolutionary ideas work in the real world. These are their stories.



At Antora Energy, we found a solution to this problem. We have developed a thermal energy storage system capable of turning sunshine and wind into reliable heat and power for heavy industry



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Breakthrough ???



Andrew Ponec is the co-founder and CEO of Antora Energy, a startup developing thermal energy storage that turns solar and wind into zero-carbon industrial heat and power. Antora Energy is backed by leading investors including Lowercarbon Capital and Breakthrough Energy Ventures. Mr. Ponec previously founded a solar energy company called Dragonfly Systems.



Antora Energy turns sunshine and wind into a reliable, on-demand source of zero-carbon heat and power to decarbonize industry and the electric grid. To convert the heat stored in our thermal



We source the lowest-cost renewable energy for each project, backed by deep expertise in power markets and partnerships with renewable energy operators and electric utilities. 3 Project Financing. With sophisticated capital markets capabilities, Antora secures competitive project financing from top-tier infrastructure investors. 4 Installation



Antora Energy's team hopes to provide long-duration energy storage at 5 percent of the cost of conventional batteries. When excess electricity is available???for example, at midday in electric power systems with high solar penetration???their technology uses a resistive element to heat inexpensive carbon blocks contained in a large, insulated tank.



Antora Energy is unlocking zero-emissions industrial heat and power, cheaper than fossil fuels. Antora's thermal battery uses renewable electricity to heat blocks of solid carbon???a low-cost, earth-abundant, and safe storage medium that's ???



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Antora Energy ???Andrew Ponec, Justin Briggs, and David Bierma,? 1/4 ? ???