



Antora energy storage South Korea

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.

What is Antora Energy?

Antora Energy is a startup that has raised millions for its super-heated graphite blocks that can deliver grid power, industrial heat or both. The company, based in the Bay Area, approaches the problem of storing carbon-free energy differently from other startups.

How does Antora store carbon-free energy?

Antora, the iconoclastic Bay Area company, approaches carbon-free energy storage differently from other startups by heating metal blocks to extremely high temperatures instead of tinkering with new or improved batteries, harnessing gravity, or pumping air or water.

How much electricity can Antora store?

Antora's prototypes can store up to 500 kilowatt-hours of electricity. The Series A financing will fund the creation and installation of a 5-megawatt-hour storage prototype, to be deployed at a customer site in Fresno, California.

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.

How does Antora technology work?

Antora technology stores energy by heating metal blocks to extremely high temperatures. The super-heated blocks glow so brightly that a beam of that light can produce electricity on demand or directly heat energy-intensive industrial processes. Antora fits this mechanism inside a modular box about the size of a shipping container.

Seeking long-term, scalable alternatives has long been at the forefront for firms, including Antora Energy. The California-based startup aims to solve this problem by employing thermal battery techniques to harness and store energy for ...

Antora uses renewable electricity to heat blocks of solid carbon to glowing hot temperatures in an insulated module. The stored heat is then delivered at the scale and temperatures required by large industrial ...



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Startup Antora Energy knows the power of the light side. The iconoclastic Bay Area company approaches the problem of how to store carbon-free energy very differently from other startups. It doesn't tinker with new or improved ...

Activate Fellows and Antora Energy co-founders Andrew Ponec, Justin Briggs, and David Bierman have raised \$50M to scale thermal energy storage to provide zero-carbon heat and power to decarbonize industry

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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.

Antora joins a growing roster of global thermal energy storage companies seeking to deploy their solutions into the sector, most of which claim their technologies can deliver energy and power at costs competitive with lithium-ion, while providing heat in particular more effectively than electrochemical batteries.

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Antora's modular thermal energy storage turns solar and wind energy into dispatchable, zero-emissions heat and power. This can help companies operating in the industry to reduce their Scope 1 and 2 emissions. While Antora forges ahead with this innovative approach, other startups are also making strides in the battery sector.

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