

What is X-energy financing?

ROCKVILLE, Md., October 16, 2024 - X-Energy Reactor Company, LLC ("X-energy"), a leader in advanced nuclear reactor and fuel technology, today announced a Series C-1 financing round of approximately \$500 million, anchored by Amazon.com, Inc. ("Amazon").

What will X-energy do for Canada?

In 2019, X-energy brought this world-class advanced nuclear technology to Canada to meet the country's clean energy goals. Canada's X-energy will also serve as a catalyst for development of a Canadian SMR industry that will work with partners globally to do the same for people around the world.

Why was X-Energy founded?

"I founded X-energy in 2009 because the world needs energy solutions that are clean, safe, secure and affordable," said Kam Ghaffarian, Ph. D., Founder and Executive Chairman of X-energy.

What services does X-energy provide?

In addition to its reactors and fuel, X-energy intends to provide a full suite of value-added services, including project planning, regulatory support, assembly and construction coordination, procurement support, and long-term maintenance and operations services during the lifetime of its reactors. Key Investment Highlights

Who is X-Energy CEO Clay Sell?

Former Deputy Secretary of Energy of the DOE, Clay Sell, was appointed CEO of X-energy in 2019.

About X-Energy Reactor Company, LLC. X-Energy Reactor Company, LLC, is a leading developer of advanced small modular nuclear reactors and fuel technology for clean energy generation that is redefining the nuclear energy industry through its development of safer and more efficient reactors and proprietary fuel to deliver reliable, zero-carbon ...

X-energy is a private American nuclear reactor and fuel design engineering company. It is developing a Generation IV high-temperature gas-cooled pebble-bed nuclear reactor design. It has received funding from private sources and various government grants and contracts, notably through the Department of Energy's (DOE) Advanced Reactor Concept Cooperative ...

Thomas Nixon, Senior Vice President, Reactors, oversees engineering, licensing, training, and construction activities for X-energy's Xe-100 advanced small nuclear reactor. His team of engineers works to prepare X-energy's technology for the ...

At X-energy, Harlan has responsibility for execution of X-energy's Project under the Department of Energy (DOE) Advanced Reactor Demonstration Program. This includes Xe-100 commercial reactor development,

TRISO ceramic-coated fuel development, NRC licensing, operational readiness, and nuclear power plant construction planning.

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X-Energy Reactor Company, LLC (X-energy) on its collaboration with Amazon to generate and deliver more than 5 gigawatts of new power projects across the U.S. by 2039, representing the large commercial deployment target of Small Modular Reactors (SMRs) to date.

ROCKVILLE, Maryland, July 21, 2022 - X-energy today announced a significant step toward the creation of a unique energy delivery model with the selection of Zachry Group and the combined team of Burns & McDonnell and Day & Zimmermann as constructors to collaborate and work with the company on the next phases of design and deployment of its Xe-100 advanced reactor fleet.

X Energy General Information Description. X-Energy Inc is a leading developer of advanced SMR and fuel technology for clean energy generation. It is seeking to redefine the nuclear energy industry through its flagship product, the Xe-100, an advanced small modular HTGR designed to generate up to 80 megawatts of electric power and/or up to 200 megawatts of thermal output, ...

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Stay informed on X-energy's latest news and breakthroughs in nuclear energy technology and clean energy initiatives. Xe-100 ... Grant County Public Utility District and X-energy, LLC signed a memorandum of understanding establishing a mutual partnership to support the development and commercial demonstration of the country's first advanced ...

X Energy, LLC 801 Thompson Avenue Rockville, MD 20852 +1 301.358.5600 . x-energy Page 1 of 2 8 November 2023 2023- PLM-NRC -001 . Project No. 99902 117 . U.S. Nuclear Regulatory Commission . ATTN: Document Control Desk . Washington, DC 20555 -0001 .

Acteur à part entière de la greentech et résolument orienté vers des solutions propres et pérennes, Be Energy oeuvre pour :. Réduire l'impact environnemental des activités humaines; Apporter des solutions de réduction des déchets dangereux à travers les métiers de la régénération; Les métiers créés par Be Energy accompagnent le Green Mindset en marche ...

DAVIDSON, N.C.--(BUSINESS WIRE)-- Curtiss-Wright Corporation (NYSE:CW) congratulates X-Energy Reactor Company, LLC (X-energy) on its collaboration with Amazon to generate and deliver more than 5 gigawatts of new power projects across the U.S. by 2039, representing the largest commercial deployment target of Small Modular Reactors (SMRs) to date. The ...

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3 ???· OAK RIDGE, Tn., April 23, 2024 - X Energy, LLC ("X-energy") has been awarded a \$148.5 million tax credit for the construction by its wholly-owned subsidiary, TRISO-X LLC ("TRISO-X"), of a first-of-a-kind advanced nuclear fuel fabrication facility ("TX-1") in Oak Ridge, Tennessee. Funded by the Inflation Reduction Act of 2022, the ...

The U.S. Nuclear Regulatory Commission (NRC) is currently engaged in pre-application activities with X Energy, LLC. (X-energy) starting in September 2018. X-energy is a Rockville, MD company designing the Xe-100 reactor which is a ...

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