Antarctica x energy llc

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 ...

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 ...

Nuclear Energy & Space X-energy was founded by successful entrepreneur Kam Ghaffarian, whose other companies include Axiom Space, selected by NASA to build a replacement for the International Space Station and Intuitive Machines, ...

ROCKVILLE, MD - December 5, 2023 - X-Energy Reactor Company, LLC ("X-energy" or the "Company"), a leading developer of advanced small modular nuclear reactors and fuel technology for clean energy generation, announced that it has completed its Series C financing round with an additional $80 million from Ares Management Corporation and X-energy Founder, Kam ...

Overview X-energy is a Rockville, Maryland-based company employing global tech experts, scientists, researchers and engineers with deep experience in High Temperature Gas Reactors (HTGRs) and in the TRISO fuel that powers them. X-energy recently established Xe-100 Canada recognizing that Canada"s nuclear expertise, track record, and respected international ...

Explore X-energy"s Xe-Mobile, an advanced micro-mobile nuclear reactor solution offering clean energy in mobile & remote applications. Xe-100 Xe-Mobile Triso-X Why? Tech ... ©2024 X Energy, LLC. o Nuclear Reactor Company & TRISO Fuel o ...

"The Department of Defense (DOD) exercised contract options for two teams-- led by BWXT Advanced Technologies, LLC, Lynchburg, Virginia; and X-energy, LLC, Greenbelt, Maryland--to proceed with development of a ...

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 pebble-bed, high-temperature gas-cooled reactor (HTGR). Each reactor will generate 200MWt and approximately 80MWe.

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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 ...

Antarctica has two overall investment strategies, Private Capital and Real Assets, which include the establishment of long term capital vehicles to leverage this investment focus. Private Capital Private Equity (Growth Equity, Buyouts) ...

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 award is part of the Qualifying Advanced Energy ...

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 is delivering the next generation of carbon-free energy by reinventing nuclear power. X-energy manufactures fuel that seals uranium particles in a protective coating, which makes meltdown impossible and retains the waste inside forever. We also design plants that unlock the fuel"s potential in a process that"s as clean as wind or ...

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 award is part of the ...

X-energy"s advanced reactor technology offers remarkable efficiency and resiliency to meet the requirements of energy-intensive data centers, allowing Amazon to align its growth and carbon-free energy goals. X ...

This paper presents an overview of current electricity generation and consumption patterns in the Antarctic. Based on both previously published and newly collected data, the paper describes the current status of renewable ...

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