

Press Release

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Endeavour Strategic Partner Deep Fission Selected by U.S. Department of Energy for Nuclear Reactor Pilot Program

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Berkeley, CA – August 26, 2025 – Deep Fission, Inc. (Deep Fission), an advanced nuclear energy company pioneering a new approach to clean energy by placing small modular reactors a mile underground, is proud to announce that it has been selected to participate in the U.S. Department of Energy's (DOE) new [Nuclear Reactor Pilot Program](#).

The initiative provides participants with the opportunity to design, build, and operate advanced test reactors – with the goal of reaching criticality by July 4, 2026 – under a streamlined DOE authorization process as part of the Atomic Energy Act.

“We’re honored to be chosen for this national effort,” said Liz Muller, co-founder and CEO of Deep Fission. “This is a turning point for our team and opens a new pathway that could dramatically accelerate our timeline. It brings us that much closer to unleashing America’s leadership in atomic power and delivering the kind of energy future we know is possible.”

Deep Fission is one of only 11 projects chosen for the program, which was created in June following the President's Executive Order to reform nuclear reactor testing at the DOE. The initiative enables reactor prototypes to be tested beyond the confines of national laboratories through a fast-tracked licensing process designed to shorten deployment timelines. Participants will finance their own projects while receiving DOE support and access to private investment.

Deep Fission's proprietary approach places 15 MW small modular reactors a mile below Earth's surface, enhancing safety, reducing surface infrastructure, and cutting costs by up to 80%. It draws on proven technologies from oil and gas, geothermal, and nuclear industries to deliver a simple, cost-efficient clean energy solution.

"We are thrilled to see Deep Fission recognized by the U.S. Department of Energy for its groundbreaking and inherently safe nuclear technology," said Jakob Carnemark, Founder of Endeavour and Edged Data Centers, who earlier this year announced a strategic partnership with Deep Fission to co-develop 2 gigawatts (GW) of nuclear energy to power Endeavour's ultra-efficient, AI-ready data centers. "The milestone underscores the importance of advancing next-generation clean power to meet the surging energy demands of AI and digital infrastructure."

The company looks forward to working with DOE to safely demonstrate reactor performance and strengthen the nation's position in advanced nuclear innovation.

About Deep Fission

Deep Fission is revolutionizing the energy landscape with innovative technology that places small modular reactors a mile underground. The team of leading scientists, engineers, and visionaries is driven by a shared commitment to advancing safe, reliable, and affordable low-carbon energy solutions. The company is actively engaged with the Nuclear Regulatory Commission and is pursuing commercial projects worldwide. For more information, visit deepfission.com.

About Endeavour

Endeavour is a sustainable infrastructure company, specializing in data center development, waterless cooling, microgrids, and renewable energy technologies. Through its subsidiaries, Endeavour delivers cutting-edge solutions to enterprise, cloud and hyperscale users and other energy-intensive industries. Its Edged data center platform is a gigawatt-scale global network of ultra-efficient, waterless data centers. For more information, visit endeavourii.com and edgedenergy.com.

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