



## Zeno Power Announces \$30M STRAFI Award to Build Radioisotope-Powered Satellite by 2025

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Washington, D.C. – Zeno Power, a developer of commercial radioisotope power systems (RPSs), announced today that it has signed a \$30 million U.S. Air Force Strategic Funding Increase (STRAFI) agreement to develop and build a flight-ready radioisotope-powered satellite by 2025. The award, which includes a \$15 million contract from the U.S. Department of Defense (DoD) and \$15 million from private investors, marks Zeno’s first contract for a space qualified RPS.

"The purpose of the STRAFI contract awarded to Zeno Power is to develop and build a Radioisotope Power System enabled satellite, unlocking new technological capabilities for the Department of Defense," said Lieutenant Colonel Thomas Nix, U.S. Space Force. "This program will provide a satellite capable of persistent maneuverability, flexible orbital profiles, and other capabilities that will enable the Space Force to conduct first-of-a-kind mission types and drive change to operational architectures with future missions and payloads. Programs such as this one provide a pathway to rapid iteration and cost-effective innovation to establish new capabilities."

Zeno is pioneering the launch approval process established by National Security Presidential Memorandum-20. Building on decades of NASA practices to safely launch RPS, Zeno has already started the payload review application process with the Federal Aviation Administration, targeting launch approval by early 2025. This launch would be the first launch of a commercially-developed space nuclear system in history.

An RPS is a compact device that converts heat from decaying radioisotopes into a constant supply of clean energy. RPSs utilizing Plutonium-238 have long been used on marquee government space missions, such as NASA’s New Horizons and the recent Mars 2020 mission.

Using 21<sup>st</sup> century materials science and nuclear fuel manufacturing innovations, Zeno has developed a commercially-available RPS with a novel design that uses abundant and available radioisotopes that are currently categorized as nuclear waste. With this technology, Zeno can quickly scale production to meet the demand of commercial and government customers in space and terrestrial markets.

"The STRAFI award demonstrates that we are at the dawn of the commercial space nuclear era, benefitting activities in space and life on Earth," said Zeno Power Co-Founder and CEO Tyler Bernstein. "This program leverages the innovation advantages of the private sector to establish critical capabilities to bolster national defense. It will also catalyze the development of commercial RPS technology to support rural communities, the maritime industry, and the commercial space sector. We’re proud to have assembled a world-class team and strong partners to lead this new age of nuclear innovation."

### About Zeno Power

Zeno Power’s mission is to provide clean, plug-and-play power, anywhere in the universe. The company was founded in 2018 by Tyler Bernstein (CEO), Jonathan Segal (COO), and Jake Matthews (CTO). The Washington, D.C. and Seattle, WA-based organization closed its \$20M Series A in April 2022.