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# Sidus Space Advances \$120M Agreement with Lonestar, Selects Atomic-6 as Solar Array Partner for Cislunar Data Satellite Mission

CAPE CANAVERAL, Fla.--(BUSINESS WIRE)-- Sidus Space (NASDAQ: SIDU), (the "Company" or "Sidus"), an innovative space and defense technology provider, today announced the next milestone under its expanded \$120 million preliminary agreement with [Lonestar Data Holdings Inc.](#) to support the world's first lunar data centers. [Atomic-6](#) has been selected to supply its Light Wing™ solar arrays which are expected to power Sidus' LizzieSat® satellites supporting Lonestar's cislunar data storage constellation.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20250623700280/en/>

Sidus Space selects ATOMIC-6 as solar array partner for cislunar data satellite mission. As part of its \$120M agreement with Lonestar, Sidus Space has selected Atomic-6's Light Wing™ solar arrays to power LizzieSat® satellites supporting the first cislunar data centers.

The all-composite, redeployable Light Wing™ arrays deliver industry leading power-to-mass

performance, contributing to mission assurance and overall efficiency. Atomic-6's solution was selected after a rigorous technical and commercial review to meet the demands of secure, redundant satellite operations in the harsh cislunar environment.

Sidus' versatile LizzieSat® platform offers a scalable solution for complex missions beyond low Earth orbit, including future lunar operations. The Company's end-to-end capabilities, from design and integration to launch and operations, are being applied to support Lonestar's phased deployment of resilient cislunar data infrastructure.

"This collaboration marks a key advancement as we evolve LizzieSat® in executing our vision for lunar satellite services," said Carol Craig, CEO of Sidus Space. "We're proud to lead a commercial-first initiative that not only delivers data security solutions in cislunar space but also reinforces our LizzieSat® platform's adaptability and utility across deep space operations."

The constellation aims to deliver secure, tamper-resistant data storage, immune to threats such as natural disasters, geopolitical instability, and cyberattacks. The selection of Atomic-6 underscores the importance of high-efficiency power systems in enabling this next-generation architecture.

Light Wing™ arrays delivers up to 200 watts per kilogram, four times more power than

comparable systems, offering exceptional efficiency and reliability.

“We’re excited to welcome Atomic-6 as a trusted partner in this ambitious program,” Craig added. “Their innovative solar arrays enhance our ability to meet the unique demands of cislunar deployment.”

This announcement follows Sidus Space’s March 2025 execution of an extended and amended preliminary agreement with Lonestar. As program development accelerates, Sidus remains committed to advancing commercial applications in cislunar space and enabling next-generation services through its adaptable LizzieSat® platform.

### **About Sidus Space**

Sidus Space (NASDAQ: SIDU) is an innovative space and defense technology provider offering flexible, cost-effective solutions, including satellite manufacturing and technology integration, AI-driven space-based data solutions, mission planning and management operations, AI/ML products and services, and space and defense hardware manufacturing. With its mission of Space Access Reimagined®, Sidus Space is committed to rapid innovation, adaptable and cost-effective solutions, and the optimization of space system and data collection performance. With demonstrated space heritage, including manufacturing and operating its own satellite and sensor system, LizzieSat®, Sidus Space serves government, defense, intelligence, and commercial companies around the globe. Strategically headquartered on Florida’s Space Coast, Sidus Space operates a 35,000-square-foot space manufacturing, assembly, integration, and testing facility and provides easy access to nearby launch facilities. For more information, visit: [www.sidusspace.com](http://www.sidusspace.com).

### **About Atomic-6**

Atomic-6 is leading the materials revolution by designing, engineering and manufacturing the finest composites in the world. The company leverages a proprietary manufacturing process that optimizes fiber-to-resin ratios, significantly reduces porosity, and expedites production cycle times across aerospace, hypersonics, and defense applications. Visit [atomic-6.com](http://atomic-6.com).

### **About Lonestar Data Holdings**

Lonestar Data Holdings is a pioneering data center infrastructure company that offers a groundbreaking approach to data storage and data security. Lonestar provides resilient data storage solutions, that are compliant with data-sovereignty requirements globally, and are designed to protect critical information from cyberattack, natural disasters, and nation-state threats. After making history with the world’s first software-defined data operations on the Moon in 2024, the company continues to lead advancements in edge processing and data storage in lunar orbit, while maintaining a strong commitment to sustainability with solar-powered and carbon-neutral operations.

### **Forward-Looking Statements**

Statements in this press release about future expectations, plans and prospects, as well as any other statements regarding matters that are not historical facts, may constitute ‘forward-looking statements’ within the meaning of The Private Securities Litigation Reform Act of 1995. These statements include, but are not limited to, statements relating to the expected

trading commencement and closing dates. The words 'anticipate,' 'believe,' 'continue,' 'could,' 'estimate,' 'expect,' 'intend,' 'may,' 'plan,' 'potential,' 'predict,' 'project,' 'should,' 'target,' 'will,' 'would' and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. Actual results may differ materially from those indicated by such forward-looking statements as a result of various important factors, including: the uncertainties related to market conditions and other factors described more fully in the section entitled 'Risk Factors' in Sidus Space's Annual Report on Form 10-K for the year ended December 31, 2024, and other periodic reports filed with the Securities and Exchange Commission. Any forward-looking statements contained in this press release speak only as of the date hereof, and Sidus Space, Inc. specifically disclaims any obligation to update any forward-looking statement, whether as a result of new information, future events or otherwise.

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