

Astra Bitcoin Announces Major Infrastructure Investment in Georgia's Renewable Energy Sector



Hong Kong, Hong Kong S.A.R. Jul 7, 2025 ([Issuewire.com](https://www.issuewire.com)) - Astra Bitcoin, a global infrastructure firm, today announced a multi-year investment plan to develop one of the Caucasus region's largest sustainable data centers in the Republic of Georgia. The project will harness Georgia's abundant renewable energy resources to power a next-generation digital asset processing facility, support the country's energy infrastructure goals, and create a platform for long-term economic growth.

The initiative includes a five-year plan to deploy up to 20,000 industrial-grade processing units, representing a significant commitment to Georgia's burgeoning technology and energy sectors. This investment directly aligns with Georgia's national strategy to expand its renewable energy generation and attract foreign capital. The Georgian government aims to commission 1,500 MW of new green energy capacity, backed by \$3–4 billion in investment, to meet rising domestic electricity demand and enhance its energy independence. Astra's facility will serve as a key industrial off-taker for this new power generation, providing a stable demand base that supports the development of new hydro, wind, and solar projects across the country.

Astra's project is designed as a sustainable solution to one of the digital asset industry's most significant challenges: high energy consumption. Global data center and crypto-asset operations consume an estimated 600-850 TWh annually, an amount comparable to the entire electricity demand of Brazil or Canada. By building its infrastructure in a region rich with untapped renewable resources—including an estimated 15,000 MW of hydropower potential —Astra is pioneering a model for environmentally responsible digital infrastructure. The facility will be powered by a dedicated portfolio of renewable sources, primarily hydro, wind, and solar, contributing to a more sustainable and resilient global blockchain ecosystem.

Looking beyond its initial data center deployment, Astra Bitcoin is developing a long-term vision for deep economic integration. The company plans to make parallel investments in Georgia's real estate sector, a key area for foreign direct investment, which attracted over \$155 million in 2024. Furthermore, Astra is establishing a corporate governance framework designed to meet the rigorous standards of international capital markets. A key strategic goal is to prepare its parent holding entity for a potential future listing on a major regulated stock exchange, such as NASDAQ, the Dubai Financial Market (DFM), or the Hong Kong Stock Exchange (HKEX).

"Our investment in Georgia is about more than building a data center; it's about building a sustainable future for digital finance," said Dr. John Konrad, Strategic Advisor for Astra. "We chose Georgia because of its forward-thinking energy policy and incredible renewable resources. We are committed to being a long-term economic partner, creating local jobs, and developing an infrastructure that delivers value both to our stakeholders and to the region. Our ultimate goal is to build a globally respected technology company that operates with the transparency and accountability of a public institution."

About Astra Bitcoin

Astra Bitcoin is a global infrastructure company focused on developing sustainable digital asset ecosystems. By integrating renewable energy development with high-performance data center operations, Astra builds the foundational platforms for the future of digital finance. The company is managed by a team of experts in renewable energy, infrastructure investment, and financial technology.

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