



# CleanBlok

A CLEANSARK COMPANY

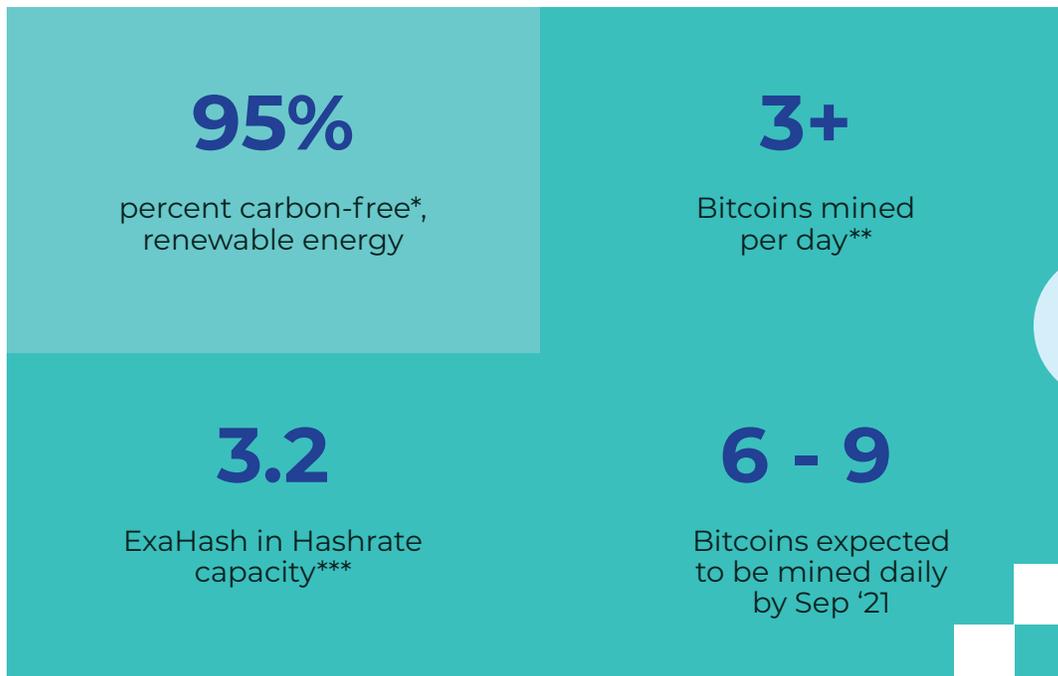


[cleanspark.com](https://cleanspark.com)



[cleanblok.com](https://cleanblok.com)

# CleanSpark is a Leading Sustainable Miner with 95% Carbon-Free Bitcoin Mining Operation and Data Center CleanBlok



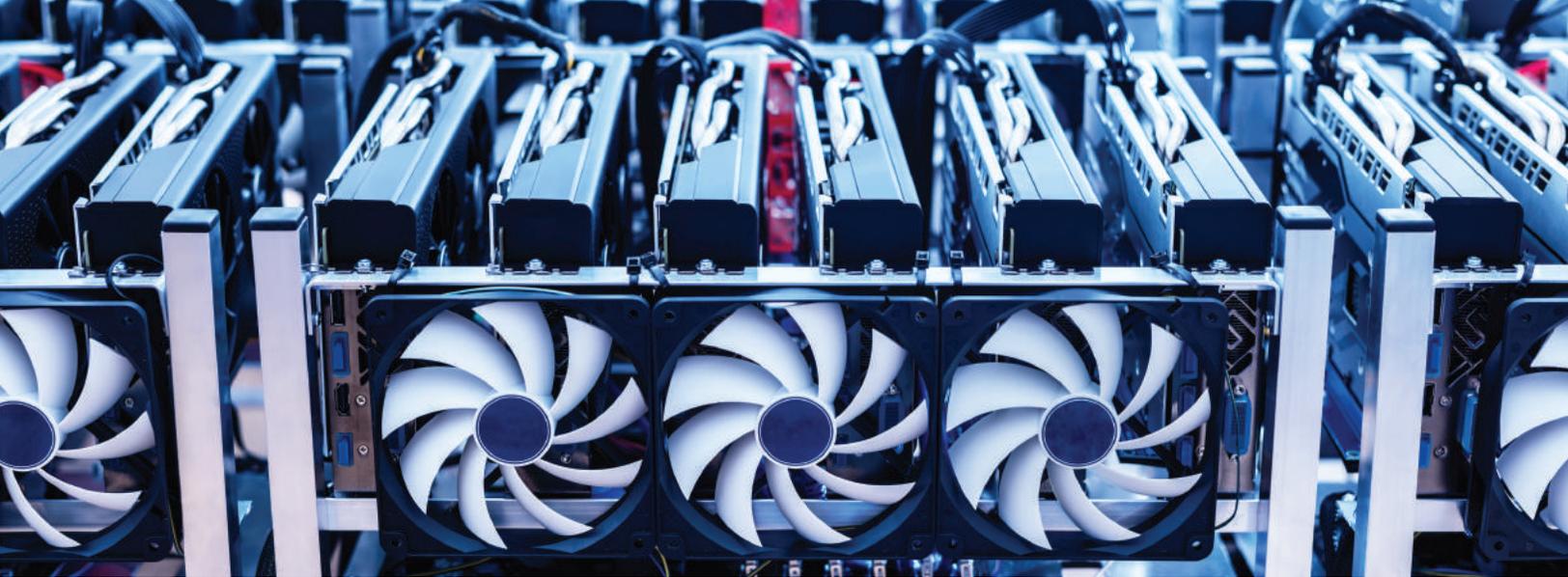
\*These emissions are calculated before any of the planned solar, storage or other clean energy assets are added to the site.

\*\*As of July 2021

\*\*\*Expected by September 2022

“The number one cost to mining a Bitcoin is energy. This is a big problem to solve, but we're well-suited to solve it with our unique and innovative solutions.”

**-CleanBlok CEO and President Zach Bradford**



**Our mission is to mine Bitcoin in a responsible way, utilizing carbon-free energy at the lowest possible cost. CleanSpark will utilize our own patented microgrid technologies to manage energy at our facilities.**

**We provide microgrid solutions to achieve:**

- Energy cost savings
- Environmental benefits from reduced fossil fuel emissions
- Decreased reliance on the utility grid

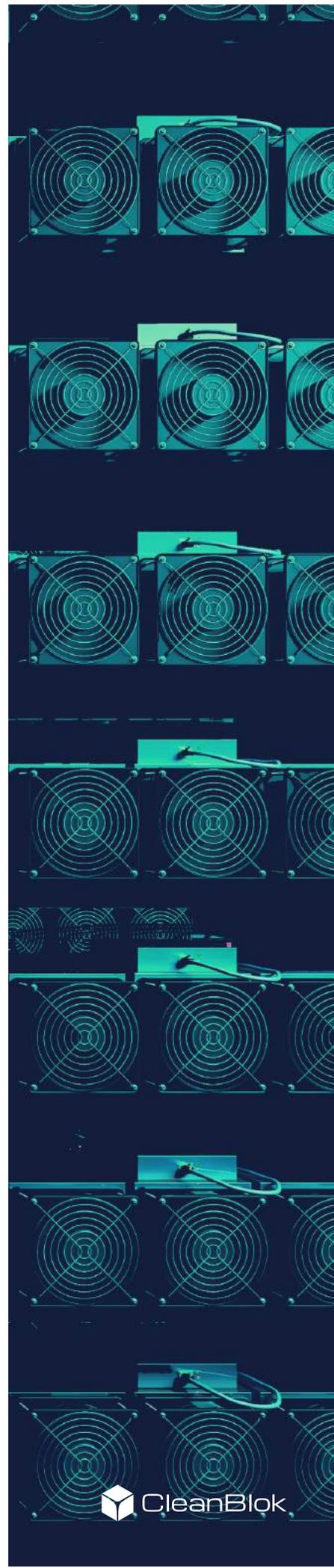
CleanSpark's two Atlanta-based cryptocurrency mining operations are currently running on a 95% carbon-free energy mix, sourced primarily from nuclear, hydroelectric, solar and other renewables. We expect to increase our operations to 98% carbon-free in the near future.

# The Future of the Blockchain Will Run on **Clean Energy**

A movement for Bitcoin miners to utilize carbon-free and renewable energy already exists and achieving that goal is in reach – you just have to take the next step.

Recent changes to the energy realm are facilitating the shift for mining and paving the way for easier access to green energy:

- Emergence of microgrids and storage systems
- Cost reduction and efficiency of solar
- Greater availability of Solar, Nuclear, Wind and Hydropower
- Federal credits under the new Administration



CleanSpark's microgrid solutions can help mining operators achieve optimal energy costs.

Our technologies manage and optimize on-site energy generation and consumption with traditional utility grid power. This helps reduce operators' carbon footprint, increases resiliency and up time, and provides cost savings.

In addition to their impact on cryptocurrency mining, our solutions can be widely implemented across other sectors including:



Residential



Commercial



Industrial



Military

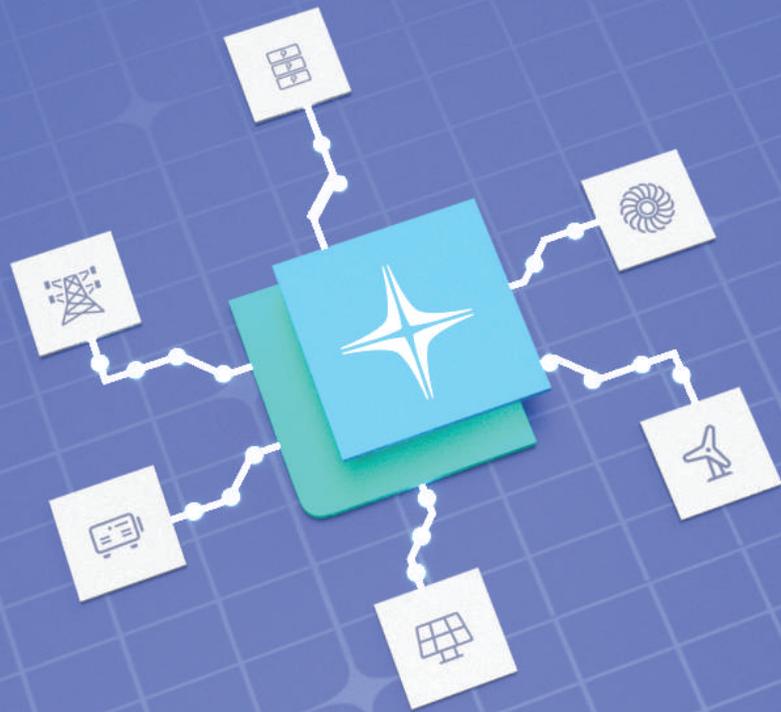


Agricultural



Municipal

CleanSpark's advanced energy software and control technologies are uniquely capable of enabling a microgrid to be scaled for a user's specific needs. We encourage other mining centers to invest in microgrids and our energy solutions. Cryptocurrency is uniquely capable of driving rapid ROI on energy investments.



## mPulse Energy Management and Controls

mPulse is our microgrid controls software that can monitor, maintain, and manage a wide array of energy sources and storage solutions. The software managed on-site can increase your capacity and resilience with the addition of onsite energy assets. mPulse directs an operator's on-site energy assets to provide energy optimization, reduced operating costs and increased resiliency.

- Automated solution to support back-up power during a disruption
- Energy optimization from any on-site power source
  - Traditional grid
  - Solar panels
  - Hydroelectricity
  - Wind
  - Generators
  - Batteries

# Supporting the Blockchain with **Clean and Carbon-Free Energy**

CleanSpark believes in the value of the blockchain for our future. Cryptocurrency mining is the critical support system for the blockchain and provides significant value for both the miners and the blockchain community.

However, it can have a negative impact on the environment by releasing carbon into the atmosphere if not done responsibly.





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Interested in how CleanSpark's energy solutions can help you mine Cryptocurrency at lower costs while using more renewable energy?

Contact us today at **1-866-245-1772** or  
**info@cleanspark.com.**



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