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## Bitcoin Mining Near the Data Center Will Ensure Zero Carbon Emissions

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<https://www.btcc.com/en-US/academy/research-analysis/bitcoin-mining-near-the-data-center-will-ensure-zero-carbon-emissions>

**Bitcoin** mining and sustainable development are holding hands for zero carbon emissions.

The highly volatile [cryptocurrency](#) market has begun to accept the strategy of using eco-friendly methods and protect the earth from unnecessary pollution. Bitcoin mining is determined to target carbon neutrality and ensure zero carbon emissions by working near the data center. Mining bitcoin near the data center to ensure green energy is one of the key regulations that will play a role in the global cryptocurrency market.

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## Introduction to Bitcoin Mining

One of the key ways to effectively distribute bitcoin to the blockchain is to add a complete part of the cryptocurrency. Given the limited throughput, cryptocurrency miners use this method to prioritize transactions. It is called the process of digitally adding transaction records to the blockchain to keep the cryptocurrency payment network secure from professional cryptocurrency criminals.



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## Bitcoin Mining Focuses on Zero Carbon Emission

Bitcoin is famous in the cryptocurrency market because it uses more electricity than some countries. Among cryptocurrency investors and some cryptocurrency influencers, many people worry that bitcoin mining will have a huge environmental impact on the future generation.

The data center purchases electricity from the local power grid, which provides power for the IT equipment of large technology companies to run the computing workload efficiently and effectively. Bitcoin mining professionals have begun to invest in renewable energy to meet their consumption needs in the cryptocurrency market. Cryptocurrency miners focus on zero carbon emissions and provide sustainable development for future generations.

At the same time, bitcoin mining contributes less than 0.08% of carbon dioxide emissions to millions of bitcoins to promote the profits of cryptocurrency wallets. Cryptocurrency miners are known for their excessive use of energy, with about 91 TWH of electricity per year. But now they are considering the strategy of putting bitcoin mining near the data room to ensure effective zero carbon emission.

On the one hand, data centers are being affected by the recent increasing exploitation of bitcoin. On the other hand, the data center is helping bitcoin mining to help achieve zero carbon emission of social welfare. It provides renewable energy to power the intelligent workload of blockchain technology. Some data centers focus on providing the greenest cryptocurrency mining solutions in different locations around the world to consider sustainable development and zero carbon emissions.

Some popular countries, such as the United States, Canada, Australia and more, are encouraging other countries to make bitcoin mining use green energy near data centers to focus on zero carbon emissions rather than creating huge pollution.