

Renewable Energy & Digital Currency Miners

Opportunities for Partnership with Chaberton Energy



Chaberton Energy recognizes the emerging role of digital currency in building a more effective and open global financial system. At the same time, solar energy is also playing a major role in building a cleaner and more sustainable electric grid. We believe that there are significant synergies between these two major global transitions. As global energy infrastructure, governments, and economies change swiftly, partnerships between miners and renewable energy providers are clearly needed.

Bitcoin mining is an energy-intensive process, with electricity costs accounting for the majority of miners' operating expenses. Incentivized by bitcoin's rising price, miners are rapidly scaling around the world, leading to more energy consumption which is often coming from unsustainable sources such as coal and gas. With [energy expenses projected to rise over the next decade](#), finding long-term affordable and sustainable sources of energy should be a top priority for bitcoin miners.



Chaberton Energy is seeking to collaborate with bitcoin miners by providing a pipeline of Dedicated Solar Energy Facilities (“DSEFs”) which combine optimal locations for mining, stable power from the electricity grid, and a solar energy system which will provide both low cost and renewable electricity to power mining operations. Our DSEF sites will be designed from the ground up for use as low cost, sustainable and highly efficient power sources which deliver competitive operating costs and an enhanced environmental profile. Bitcoin miners who transition to Chaberton's DSEFs will be positioned to lead the industry in the years to come.

Renewable Energy Partners Help Deliver Long Term Success:

Decrease Operating Costs.

Renewable energy — like Chaberton’s solar power — is now widely recognized as [the cheapest source of electricity](#) and scalable to meet various energy needs. Energy costs to operate a bitcoin mine cost on average \$0.06/kwh when sourced through the grid. Some miners are enjoying lower energy costs, but many rates may not be sustainable in the long-term and are subject to market forces, such as inflation, or a re-balancing of a temporary supply-demand imbalance, which often lead to significant energy cost increases over time. Alternatively, a mine sourced with a Chaberton’s DSEF could drastically cut energy costs by bringing energy costs sustainably below \$0.04/kwh, while also providing long-term price certainty to better manage future cash flow.

Reduce Carbon Footprint.

Chaberton’s DSEFs for bitcoin mining operations are the most environmentally friendly option to meet your power needs. Solar power generates emission free electricity that directly replaces older and non-environmentally friendly energy sources. Every 1 MW of solar generation saves approximately 1,200 Metric Tons of carbon dioxide emissions. This is equivalent to eliminating the emissions of over 1,300,000 pounds of coal being burned, and is equal to the carbon dioxide offset by over 1,450 acres of U.S. forests. By pairing solar generation with mining operations, any new mining capacity you add is not going to add increase carbon emissions or contribute to climate change. While existing green energy may be available for purchase off site, this power is already available, on the grid, and therefore is not designed specifically to power and decarbonize your operations. If the renewable capacity is already available on the grid, it does not meet the criterion of additionality and the environmental benefit is not tangible to your operations, as you would simply be taking more of the existing green energy while everybody else’s energy gets a little more brown.





Attract New Capital.

A long-term, sustainable solution to your energy needs can open up access to the growth capital required for your operations. Chaberton's DSEFs give you the stability, the operational certainty, and the long-term outlook that financiers need. You will be able to lower both your cost of capital and operational cost, which in turn will make you more competitive and increase your profits.



Improve Public Image.

Help to the mitigate public relations vulnerabilities and media crises from reliance on unsustainable energy sources that are fueling climate change. Be at the forefront of transitioning from expensive and inefficient resources to renewables that produce favorable outcomes for all stakeholders. High profile media outlets — such as [CNN](#), [The Guardian](#), and [The New York Times](#) — covered bitcoin mining's role in exacerbating climate change but it is not just the media who have shown concern. National and local governments and civil society organizations are [mobilizing](#) to further regulate, and in some cases even prohibit, the mining industry and such legislation is likely to encompass energy usage. As more corporate actors are called to bear social responsibility, a partnership with Chaberton Energy allows bitcoin miners to position themselves as leaders in climate action, while remaining competitive and profitable.



Take a Leadership Position.

Help to position your firm for leadership in the bitcoin industry and ensure long-term viability. Partnering with Chaberton helps make you competitive with traditional investment firms by diversifying capital into renewable energy. The green energy investors and stakeholders of today will become the [financial powerhouses of tomorrow](#).

We realize a transition to sustainable energy sources will not come overnight and vast challenges exist for our respective industries — but the writing is on the wall. By aligning our roadmaps, bitcoin miners and Chaberton Energy can together be leaders in the financial and green energy revolutions. A symbiotic relationship and forward-thinking collaborative approach that intersects with economic opportunity and an evolving world's needs will lead to significant growth of your mining operations while actively fighting climate change and negative public perception.



Contact.

For more information on Chaberton Energy and our vision for partnering with bitcoin miners for a sustainable and prosperous future, contact Andy Richman and John Miller, at crypto@chaberton.com or at (833)-914-4100.



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