

Newcomb Response

Topical Seminars

Cryptocurrency

September, 2025

First, a big thank you to Stu for pulling such a wide range of resources together to help those of us who are still sliding down the learning curve on this powerful and disruptive technology and economic concept. During the 2 years (or thereabouts) since this group first took on this topic, the external environment (political, economic, technical, social) has continued to change. At the same time technologies for “mining” new currency continue to grab interest at the highest levels of financial power. Students of history know that each new “technology” has the capacity to bring both good and bad.

#### UNACCOUNTED FOR “COSTS” OF WEALTH CREATION

We here in Delaware might get a front row seat on this one. Earlier this summer, developers in New Castle County released plans to build a complex of 6 million square feet across 11 buildings as a Data Center - the growth in demand for complexes of this type is driven in part by the need for the computing power for AI applications AND for the mining of ‘Bitcoin’ and its related assets.

<https://www.delawareonline.com/story/money/business/2025/07/17/data-center-new-castle-county-delaware/85239325007/>

There have already been some public meetings and hearings. The developers and ultimate property owners are seeking economic development support from both the State and County governments, citing the economic benefits of job creation.

Delaware Sierra Club compiled data to support their case against the project, summarized here.

<https://www.sierraclub.org/delaware/blog/2025/07/delaware-city-mega-data-center-fact-sheets>,

Their recommendations are consistent with those that Stu provided in the Energy Star document.

Another way to think about costs is the “thought experiment” of how much it costs to mine a new “Bitcoin” in the US and other places around the world, I don’t believe these prices are the ultimate truth, but the questions raised about the amount of energy needed, the need for access to cooling mechanisms (including “fresh water”), and the impact of noise generated by facilities of this size are well worth the asking and a means to set up some onward profit sharing (aka taxes) with the communities where such centers land. I found this information quite helpful:

<https://www.compareforexbrokers.com/us/bitcoin-mining/>

I look forward to this deeper dive into a topic that is all around us, but about which so few understand.

Respectfully,

Pat Newcomb  
September 7, 2025