

Mary T. Finneran, Cairo, NY, FrackBustersNY, Sierra Club

Language is critical. While the term natural gas is misleading, and anathema to me, it is the term the vast majority of people use and understand and I use it here. BUT it is not clean even with its smaller particulate matter, and its primary component is methane, a monstrous green house gas emitter.

Regarding fugitive emissions; NYS has well over 10,000 active natural gas wells, Low volume fracked and vertical. (The fracking ban only stops HV fracking). Stopping all gas well production in the state is a mandated first step to stopping fugitive gas emissions, completely capping the wells of course. Step two is to decommission all gas pipelines, they leak.

Natural gas as a fuel for power generation must be stopped asap. It needs to be mandated that while the rapid- as- possible- transition is made to a carbon and methane free power grid, the current power grid must be used exclusively to benefit the people needs. Energy used for sustenance and human needs (including, electrified vehicles and buildings) HAS to be the only acceptable use for the grid until we have achieved truly clean and green energy.

Energy regardless the power source CANNOT be allowed for pure profit proof of work cryptocurrency; Bitcoin alone uses 137.2 TWH's globally per year. New York State uses 132 TWH's per year.

I was dismayed to see that cryptocurrency, an energy vampire with climate devastating implications, was mentioned only ONCE in the entire scoping document. PLEASE thoroughly investigate the climate impacts of proof of work cryptocurrency. It is not sustainable.

The IPCC is worth repeating: "It's now or never, if we want to limit global warming to 1.5°C (2.7°F). Without immediate and deep emissions reductions across all sectors, it will be impossible." The language is clear and critical.

For the kids!

1. Proof of work crypto currency is not currency, and never will be.
 - a. NO collateral behind it.
 - b. No backing from any one else (like the FDIC).
 - c. Your wallet has NO Insurance.
2. Called the Greater Fool Con. Pass it on to a greater fool than you! (Not really a PONZI). Pure speculation.
3. Eswar Prasad has said that this it has failed in it's promise and devolved into financial speculation (gambling). He believes it will go away (but he has great faith in human nature).
4. Virtual gold rush. Which will suck up all the available electricity that they can which will push the price of electricity up like in Plattsburgh.
5. All the energy usage, regardless the source, will cause the public utilities not only to rise but to force the fossil fuel usage to be perpetuated. ESCO costs for renewables are rising now.
6. CLCPA will never be able to come to fruition with this proof of work iteration blooming. It will add to Climate chaos exponentially.

PROOF of work cryptocurrency needs to be destroyed, the baby of block chain will survive.

Country Ranking

Country comparisons are, for better or for worse, the most common type of comparison. They are frequently used in the public debate to support positions of concern about the scale of Bitcoin's electricity consumption.



Source

U.S. Energy Information Administration, [Country Data](#), 2019 est. (or most recent available year)

However, as indicated by the chart below, country comparisons without additional context provide only limited insight given the huge disparities between nations. The size of a country, both in geographical and population terms, does not always correlate with energy usage. Instead, the energy profile of each country is a unique product of factors such as the energy demand of domestic industries and residents, the level of economic and social

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