

Forum:[Hack Forums](#)

Thread: [Bike Powered Ethereum Validator](#)

shreder - March 4, 2023, 7:32 pm

I saw this and thought it was pretty interesting considering it's being topped off with power from a bike. This was displayed at the ETHDenver event.

Marvelous - March 4, 2023, 9:46 pm

This is the exact reason ETH wins. How can a global ledger be decentralized if nobody can mine unless they live somewhere with cheap energy, no regulations, etc. ETH is a crypto that can stay alive through a EMP or nuclear war. Lmao. ?

Dorrance - March 5, 2023, 9:53 am

(Mar 4, 2023 08:32 PM)shreder Wrote: [\[CITE\]](#) I saw this and thought it was pretty interesting considering it's being topped off with power from a bike. This was displayed at the ETHDenver event.

Pretty innovative imagine a spin cycle gym or facility powering a BTC or ETH node... innovation at it's finest.

PR1V473 - March 8, 2023, 2:14 pm

All these innovations are bringing us closer into adoption, and the fact that people work and focus on the technology is fascinating. In a world where people talk only "when lambo", I think it's safe to say hearing/reading about stuff like this is making my FOMO (in it for the tech) meter go real quick from 1 to 100.

SIM-1422930 - March 14, 2023, 2:17 pm

This is funny lol
Bike to mine lol

shreder - March 14, 2023, 3:38 pm

(Mar 14, 2023 02:17 PM)SIM-1422930 Wrote: [\[CITE\]](#) This is funny lol
Bike to mine lol

The bike isn't to mine it is to generate enough electricity to run the validator uninterrupted.

It shows the resilience of ETH hardware to continue to validate in any condition even if the environment has deteriorated to only allow for such crude electricity generation.

This is actually important considering US Government is proposing an electricity tax of 30% for Bitcoin & crypto miners. What the bill does not say is this will likely include is registration of bitcoin

facilities and the implementation of mass surveillance of the electricity grid for mining activity.

shreder - March 14, 2023, 3:55 pm

(Mar 14, 2023 03:42 PM)Focus Broken Wrote: [\[CITE\]](#) Electricity alone is not enough to validate the Ethereum blockchain. You would additionally need to connect that bicycle to a data center that can sustain >40TB of annual bandwidth consumption:

<https://hackforums.net/showthread.php?tid=6216803>

Ethereum, the power of a data center in the palm of your hands! Dude that is a sick slogan, thanks. How much ETH are you staking now? Last you told me you were running a dozen validators.

shreder - March 14, 2023, 4:24 pm

(Mar 14, 2023 04:16 PM)Focus Broken Wrote: [\[CITE\]](#) No, it's "Ethereum, the power of a central bank in the custody of a data center".

Ethereum, the power of a data center run by anyone for everyone.