

**COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION**

In the Matter of:

ELECTRONIC TARIFF FILING OF)	
KENTUCKY POWER COMPANY FOR)	CASE NO. 2022-00424
APPROVAL OF A SPECIAL CONTRACT)	
UNDER ITS ECONOMIC DEVELOPMENT)	
RIDER AND DEMAND RESPONSE)	
SERVICE TARIFFS WITH CYBER)	
INNOVATION GROUP, LLC)	

**JOINT INTERVENORS MOUNTAIN ASSOCIATION, KENTUCKIANS FOR THE
COMMONWEALTH, APPALACHIAN CITIZENS' LAW CENTER, SIERRA CLUB,
AND KENTUCKY RESOURCES COUNCIL RESPONSE TO DATA REQUESTS FROM
COMMISSION'S STAFF [CORRECTED]**

STAFF DR JI 1. Refer to the Direct Testimony of Stacy L. Sherwood, page 10. Explain how the increased demand from cryptocurrency mining operations in Plattsburgh, New York “increased the monthly bills for all ratepayers.”

STAFF DR JI 1 RESPONSE: In the case of the cryptomining facility in Plattsburgh, New York, a Bitcoin mining facility located to Plattsburgh for the cheap cost of power (1.9 cents per kilowatt). However, the city had a monthly energy quota of 120 MW, which had been working for residents since 1950. During the winter months energy uses increase in order for residents to heat their homes, but this also coincided with a boom in Bitcoin. The city almost reached the limit if its energy quota and had to purchase more power, which lead to increases to local residents’ energy bills.

See more here: Matteo Benetton et al., When Cryptocurrency Comes to Town: High Electricity-Use Spillovers to the Local Economy, SSRN, at 3 (Aug. 2022), https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3779720), pg. 16; <https://www.cnbc.com/2021/06/24/bitcoin-miners-flocked-to-upstate-new-york-for-cheap-energy-then-it-got-complicated.html>

Witness: Stacy L. Sherwood

Respectfully submitted,

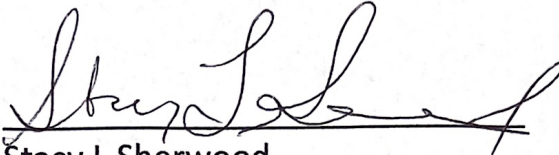
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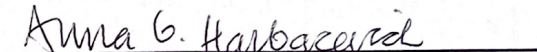
*Counsel for Joint Intervenors Mountain
Association, Kentuckians for the
Commonwealth, Appalachian Citizens' Law
Center, Sierra Club, and Kentucky Resources
Council*

VERIFICATION

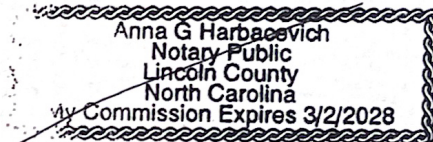
The undersigned, Stacy L Sherwood, being first duly sworn, deposes and says that she has personal knowledge of the matters set forth in the foregoing responses and that the information contained therein is true and correct to the best of her information, knowledge, and belief, after reasonable inquiry.


Stacy L Sherwood

Subscribed and sworn to before me by Stacy L Sherwood this 30 day of March, 2023.


Notary Public

My commission expires: 03/02/2028

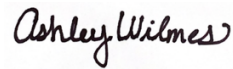


AGH
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CERTIFICATE OF SERVICE

In accordance with the Commission's July 22, 2021 Order in Case No. 2020-00085, *Electronic Emergency Docket Related to the Novel Coronavirus COVID-19*, this is to certify that the electronic filing was submitted to the Commission on April 1, 2023; that the documents in this electronic filing are a true representations of the materials prepared for the filing; and that the Commission has not excused any party from electronic filing procedures for this case at this time.



Ashley Wilmes