

OFFICIAL
EXHIBITS.

STATE OF INDIANA

INDIANA UTILITY REGULATORY COMMISSION

VERIFIED PETITION OF INDIANAPOLIS POWER & LIGHT)
COMPANY D/B/A AES INDIANA FOR COMMISSION)
APPROVAL OF AN ELECTRIC VEHICLE PORTFOLIO,)
INCLUDING: (1) A PUBLIC USE ELECTRIC VEHICLE)
PILOT PROGRAM PURSUANT TO IND. CODE CH. 8-1-43;)
AND (2) TIME-VARYING AND OTHER ALTERNATIVE)
PRICING STRUCTURES AND TARIFFS PURSUANT TO IND.)
CODE §8-1-2.5-6(3); AND FOR APPROVAL OF ASSOCIATED)
ACCOUNTING AND RATE MAKING)

CAUSE NO. 45843

INDIANA OFFICE OF UTILITY CONSUMER COUNSELOR

PUBLIC'S EXHIBIT NO. 4

OUCC CUSTOMER COMMENTS

JUNE 23, 2023

IURC
PUBLIC'S
EXHIBIT NO. 4
7-6-23 AT
DATE REPORTER

Respectfully submitted,



T. Jason Haas

Attorney No. 34983-29

Deputy Consumer Counselor

From: Larry Calloway
To: UCC Consumer Info
Subject: Cause No. 45843 AES Electric Vehicle Portfolio
Date: Tuesday, February 28, 2023 7:14:22 PM
Attachments: Electric Car HOAX Explained in Under 1 Minute.mp4

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This is another foolhardy attempt to prop up an industry and encourage more malinvestment by government entities and related parties who would pick the one bad idea out of a bucket of good ideas. Their ability to screw up (not to mention outright corruption) know no end. Of course, their program would subsidize the stupidity of electric vehicles by requiring other ratepayers, (who neither want or can afford such useless and expensive vehicles, to pay for this mini-boondoggle. Just as they are admitting that hardly anyone has an electric vehicle (3,000 in their service area), Elliot indicates that "Electric Transportation is Accelerating, which is laughable. The only thing accelerating is the rate that idiocy is being pushed down our throats. So, we want to go back to late 19th Century technology when long-distance travel was difficult and rare and use vehicles that cannot cut the mustard.

Also, at the same time Elliot admits that they supported Blue Indy "predicted public, 13 economic development, and market transformation benefits of the introduction and 14 accelerated deployment of EV technology and infrastructure," he doesn't acknowledge that none of that came true because it could not come true. It was nothing but fairy tales and make-believe. Anyone with common sense knew that subsidized "business" would fail. It was illogical, nonsensical, with no chance for profitability. Yet, the ratepayers had to swallow that loss and now AES wants to double down and do more of the same. These proposals will do nothing but encourage more theft from the many (ratepayers) to the few (government and institutions who get lauded for spending other people's money). And just as with Blue Indy, when they put chargers in the ghetto (laughably within a half-mile of my house), AES wants to install more useless chargers where no electric cars exist (or will exist) as no one is going to buy this used electric cars that need a \$20,000 replacement battery.

I would also note that the Federal Government incentives that encourage more central planning instead of real market forces is predesigned to fail. That failure is never admitted, instead more subsidies that encourage more malinvestment are offered. Government rarely if ever will cut their losses and admit defeat. They would rather subsidize more failure until the failure is so entrenched (meaning some people profit from the failure) that no one will stop the bleeding.

The selections I've highlighted below from the article below illustrate other major long-term problems with this strategy, which is intended and designed to fail. We don't need pilot programs to understand what should be common sense for anyone who deals in reality.

<https://www.fayobserver.com/story/opinion/columns/guest/2020/11/30/bidens-electric-vehicle-plan-collide-policies-mining-coal/6434506002/>

“The financial firm UBS found that replacing global sales of conventional vehicles would require a 2,898% increase in lithium; a 1,928% increase in cobalt; a 524% increase in graphite; a 105% increase in nickel; and a 655% increase in rare earths minerals.”

“Although lithium can be mined in Australia, much of the world’s supply comes from Chile where it causes “ecosystem degradation” and “landscape damage,” according to a United Nations report. Cobalt primarily comes from the Congo and, the CEI reports, “its mining and processing is the stuff of environmentalist and human rights group crusades.””

<https://www.counterpunch.org/2022/08/23/is-there-enough-metal-to-replace-oil/>

The above article goes further into the folly of the not-so-green agenda and includes the following:

“The entire renewable build-out requires 36,000 terawatt hours to operate, meaning 586,000 new non-fossil fuel power stations of average size. The current fleet of power stations is only 46,000, meaning it’ll take 10 times the current number of power stations, yet to be built.” – For the EU.

“The total metals required for one generation of technology to phase out fossil fuels is listed by *Required Production* followed by *Known Reserves* for all metals based upon tonnes, as follows:

Copper 4,575,523,674 vs. 880,000,000 – a serious shortfall -reserves only cover 20% of requirements.

Zinc 35,704,918 vs. 250,000,000 – adequate reserves.

Manganese 227,889,504 vs 1,500,000,000 – adequate reserves

Nickel 940,578,114 vs. 95,000,000 – huge shortfall – reserves 10% of requirements.

Lithium 944,150,293 vs. 95,000,000 = huge shortfall – reserves 10% of requirements.

Cobalt 218,396,990 vs. 7,600,000 – huge shortfall – reserves 3.48% of requirements.

Graphite 8,973,640,257 vs. 320,000,000 = huge shortfall – 3.57% reserves of requirements.

Silicon (metallurgical) 49,571,460 – adequate reserves

Silver 145,579 vs. 530,000 – adequate reserves

Vanadium 681,865,986 vs. 24,000,000= huge shortfall -3.52% reserves of requirement

Zirconium 2,614,126 vs. 70,000,000 – adequate reserves.

Prior to 2020- the global system mined 700 million tons of copper throughout all history. Looking forward, the same 700 million tons will need to be mined over the next 22 years, which is based upon current economic growth rates without giving consideration to what's needed for one generation of renewables.

Current reserves of copper are 880 million tons. But 4.5 billion tons of copper are required just to manufacture one generation of renewable technology.

Hmm.

Moreover, each renewable technology has a life cycle of 8 to 25 years.

Thereafter, they need to be decommissioned and replaced. Also, whether renewables are strong enough, and sustainably enough to power the next industrial era is a question that hangs in the air.”

Finally, the attached one-minute video deals with the same issues, the folly of electric vehicles. All we are doing is outsourcing the pollution (while also not being able to replace existing vehicles – which of course is the unsaid goal) which again impacts the poor (transferring wealth from the many to the few) and subsidizes the rich and/or governments that steal from everyone.

I would also indicate that this whole process is patently unfair in that it expects the ratepayers to rebut 60 page documents crafted by people who are paid well to do such and who spend weeks and months preparing them (and stay abreast of these constant filings to steal more money from many to benefit the few. About the only worthwhile thing said in the 60 pages from Elliot is that the current campaign to promote EV use would impact AES. But what they should be doing is working to reveal the insanity behind these measures (and along with other utilities, etc.) push to decelerate, eliminate and destroy the propaganda campaign that seeks to impoverish us all.

Larry W. Calloway
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Sent from [Mail](#) for Windows

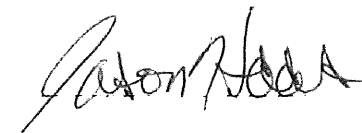
CERTIFICATE OF SERVICE

This is to certify that a copy of the *OUCC's Public's Exhibit No. 4, OUCC Customer Comments* has been served upon the following parties of record in the captioned proceeding by electronic service on June 23, 2023.

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