# Watt's History Got to Do with It: Exploring the Shocking Connection between Associates Degrees in History and Electricity Generation in Vietnam

Colton Hamilton, Ava Thompson, Gabriel P Tompkins The Journal of Historical Energy Studies The Society for Historical Exploration and Electrical Innovations Evanston, Illinois

#### Abstract

In this paper, we delve into the uncharted waters of the relationship between associates degrees awarded in History and electricity generation in Vietnam. While some might say, "What's the connection?" we were sparked with curiosity to uncover any potential link between these seemingly unrelated fields. Using data from the National Center for Education Statistics and the Energy Information Administration, we humorously embarked on an electrifying exploration. Analyzing a decade of data from 2011 to 2021, we found a positively shocking correlation coefficient of 0.9954361 and a jaw-dropping p-value of less than 0.01. As we dug deeper into the data, we were truly amped to find that the number of associates degrees awarded in History mirrored the trends in electricity generation, leaving us positively charged with excitement. So, what's the wattage of this unusual connection, you ask? Well, it seems that the surge in associates degrees in History is positively correlated with a surge in electricity generation in Vietnam. This unexpected finding left us electrified and sparked numerous discussions among our research team. And as the saying goes, "Ohm my goodness, who would have thought!" In conclusion, our findings may seem current-affair, but they illuminate a dynamic relationship that goes beyond the textbook. We hope this research sparks further exploration into seemingly unrelated fields, reminding us all to stay amped about unexpected connections. After all, as our dad joke quota must show, a little positive charge can really light up a room!

#### 1. Introduction

As we flick the switch on this research endeavor, we are met with the electrifying task of exploring the potential connection between associates degrees awarded in History and electricity generation in Vietnam. This unexpected coupling might seem like a real "shock" to some, but we are fully charged and ready to illuminate any potential links.

When it comes to investigating a rather shocking correlation like this, one simply cannot resist a good dad joke to lighten the mood. Why did the historian go to check out the electricity plant? Because he heard they had a "powerful" connection to the past!

Our quest for knowledge led us to harness data from the National Center for Education Statistics and the Energy Information Administration – conducting a shockingly thorough analysis from 2011 to 2021. With electric enthusiasm, we uncovered a positively "electrifying" correlation coefficient of 0.9954361 and a p-value that left us feeling amped with excitement.

It's truly shocking how often we've been joule'd into thinking that seemingly unrelated fields couldn't possibly be linked. But as researchers, we know that watt's history got to do with it – a question that sparked our curiosity and led us to some truly illuminating findings. Like a light bulb moment, the number of associates degrees awarded in History and the trends in electricity generation were positively aligned, leaving us buzzing with anticipation.

Ah, the thrill of discovering unexpected connections in the world of research! It's like finding a hidden treasure trove of statistical gems among the sea of data. One can't help but think, "Ohm my goodness, the current of creativity truly flows through this work!"

In conclusion, our study undoubtedly sheds light on an unexplored relationship between two seemingly disparate domains. This "current" affair may astonish some, but it ignites a spark of curiosity, reminding us all to stay amped about unexpected connections. Just remember, in the world of research, a little positive charge can really light up a room!

## 2. Literature Review

The connection between associates degrees in History and electricity generation in Vietnam is a shocking topic that has attracted remarkably little attention in academic research. While one might expect these two areas to have about as much in common as a fish and a bicycle, our literary sleuthing uncovered a fascinating array of studies and literature that shed light on this unexpected relationship.

In "Smith and Doe's Meta-Analysis of Educational Trends in Southeast Asia," the authors find lorem and ipsum. This comprehensive review of educational data from the region provides a foundational understanding of the educational landscape, but unfortunately, does not delve into the specific correlation between history degrees and electricity generation. Jones' seminal work, "Energy Economics and Environmental Policy," underscores the importance of understanding the factors influencing electricity generation in developing nations. While the book doesn't specifically address the potential influence of historical education on the energy sector, it certainly provides valuable context for our own investigation.

Turning to the world of non-fiction literature, "The History of Electricity" by Park Benjamin offers a comprehensive look at the development of electrical power. However, no mention is made of the impact of historical education on the generation of electricity – leaving us to ponder whether this omission is a metaphorical blackout in the literature.

Likewise, "Vietnam: A New History" by Christopher E. Goscha presents a detailed account of Vietnam's historical trajectory, but it fails to provide any shocking insights related to the interplay between historical education and electricity generation in the country.

With an audacious leap into the fictional realm, Dan Brown's "The Da Vinci Code" momentarily tempts us with the prospect of uncovering clandestine connections between historical knowledge and electrifying secrets. Alas, our hopes for a serendipitous discovery in a work of fiction are quashed as the story unfolds in realms far removed from the scholarly pursuit of knowledge.

As our investigation delves deeper, we must admit to unorthodox sources of insight. In conducting our literature review, we found ourselves perusing the backs of shampoo bottles in a desperate search for any tidbits of wisdom on the unexpected connections between history and electricity generation. Unfortunately, we can confirm that these sources, while informative on the pH levels of cleansing products, offered no illumination on our research question.

In the end, our journey through the literature has been both enlightening and comically confounding – much like the April Fools' Day when the historian met the electrician. It is a reminder that the pursuit of knowledge can lead us to unexpected places and keep us grounded in a circuitous exploration of the world.

# 3. Research Approach

To unravel the electrifying mystery behind the connection between associates degrees awarded in History and electricity generation in Vietnam, our research team employed a methodological approach that was both rigorously scientific and playfully curious. Much like a scientist unraveling the mysteries of the universe while also wearing a clown nose – you know, for levity.

First and foremost, we embarked on an arduous yet highly charged journey through the virtual realm, sifted through endless repositories of data, and prayed to the statistical gods

for a eureka moment. We scoured the National Center for Education Statistics and the Energy Information Administration websites, navigating the treacherous waters of data collection with the agility of a gazelle and the endurance of a marathon runner. And, like all intrepid explorers, we also consumed copious amounts of caffeinated beverages for sustenance and sanity. Because you can't analyze correlation coefficients without a good cup of joe, right?

Having gathered the pertinent data from 2011 to 2021, we then engaged in a dance with the numbers so intricate it would make Fred Astaire and Ginger Rogers blush. Our statistical analysis involved not just crunching numbers, but giving them a pep talk, a pat on the back, and maybe even a hug when they needed it. We calculated correlation coefficients, conducted regression analyses, and wrangled with p-values – all while trying not to let the power go to our heads, or should I say, watts?

The serious business of hypothesis testing and model building was interspersed with moments of levity, as we liberally sprinkled jokes and puns throughout our research process. After all, a good laugh can be the spark that ignites the most fantastical of breakthroughs in the realms of science and academia. So, why did the statistician break up with the doctor? They just couldn't agree on the significance level!

In addition to our quantitative analysis, we also delved into the qualitative aspects of the data, seeking to understand the stories behind the numbers and the narratives that might shed light on this surprising connection. We interviewed professors, industry experts, and even a few history buffs with a penchant for electric insights. It was quite the shock to find that these seemingly unrelated fields held a current of commonality that we couldn't resist exploring.

Ultimately, our methodological approach was a fusion of scientific rigor and lighthearted curiosity – a dynamic mix that allowed us to unravel the mysteries of this unlikely connection while enjoying the occasional dad joke or two. In the words of Thomas Edison, "I haven't failed. I've just found 10,000 ways that won't work – and also told some really bad science puns along the way."

And with that, we charged ahead into the heart of our research, armed with data, dedication, and a delightfully silly sense of humor. After all, when it comes to conducting groundbreaking research, one must always be willing to see the funny side of statistics – lest one becomes shockingly numb to the electrifying joy of discovery.

# 4. Findings

The results of our research into the unexpected connection between associates degrees awarded in History and electricity generation in Vietnam left us positively charged with excitement. The correlation coefficient of 0.9954361 suggests a shockingly strong positive relationship between these two variables. One might say this finding is truly hair-raising!

Moreover, the r-squared value of 0.9908930 indicates that a staggering 99.08% of the variability in electricity generation can be explained by the number of associates degrees awarded in History. It's safe to say we were buzzing with amazement at these results - the connection between these two seemingly incongruent fields was truly a bright idea!

To visually illustrate this revelatory correlation, we provide Figure 1, a scatterplot showcasing the tight clustering of data points around a clear upward trend. It's like witnessing a symphony of statistical harmony, with each point creating a melodic narrative of the relationship between history and electricity generation. You could say it's quite a shocking sight!



Figure 1. Scatterplot of the variables by year

In addition, the p-value of less than 0.01 left us feeling electrified, as it signifies robust evidence against the null hypothesis that there is no association between the two variables. It seems that this unusual pairing has sparked a wave of excitement among the research community - a real jolt of inspiration for future explorations into unexpected correlations.

As the saying goes, "Ohm is where the art is!" Our findings reflect a current of discovery in the world of research, highlighting the dynamic interplay between fields that may, at first glance, appear poles apart. This research truly shines a light on the power of unexpected connections, affirming that in the world of academia, a little positive charge can go a long way!

## 5. Discussion on findings

The results of our study have shed light on the striking connection between associates degrees awarded in History and electricity generation in Vietnam. Our findings not only corroborate prior research but also offer a compelling and electrifying insight into the interplay between seemingly unrelated domains. As electrifying as these results are, they may leave us pondering one thing – did we just witness the birth of a shocking new interdisciplinary field? The answer may well lie in the ohms and volts of this captivating connection.

Our results align with Smith and Doe's meta-analysis, providing empirical support for the unexpected correlation between historical education and electricity generation. It's as if our study provided the missing piece to complete the puzzle - the historian and the electrician finally found common ground. Our statistical analysis largely mirrors their findings, sparking a resonance that amplifies the significance of this surprising relationship.

And speaking of amplification, our study extends Jones' work in "Energy Economics and Environmental Policy" by illuminating the overlooked influence of historical education on the energy sector. The surge in associates degrees in History seems to generate a current that powers the trajectory of electricity generation, akin to the synergistic dance of positive and negative charges. The findings not only volt into the discourse on educational trends but also watt into the realm of energy economics, offering a bolt of inspiration for future investigations.

While the non-fiction literature review left us in the dark, our study uncovered a luminous connection that presents a significant advancement in understanding the educational and energy landscapes in Vietnam. This unexpected link between the past and the power of the future confirms the adage that knowledge truly empowers us. It's as if the sparks from history have ignited a fuse that illuminates the pathway to sustainable electricity generation.

In a current affairs context, our findings carry weight and wattage, signaling a transformative potential for interdisciplinary research. The symphony of statistical harmony revealed in our scatterplot not only provides visual evidence of the association but also composes a narrative that transcends traditional disciplinary boundaries, much like a sonnet composed by a historian and an electrician.

This bold exploration of unexpected connections underscores the playful, yet profound, nature of academic pursuit, reminding us that the pursuit of knowledge can lead to serendipitous discoveries. Our findings offer a charged addition to the scholarly discourse, serving as a beacon that reminds us to remain amped about the innumerable connections waiting to be uncovered. As our findings reverberate through the academic community, we hope they spark a surge of curiosity and inspiration, energizing new paths of inquiry and affirming that in the world of research, a little positive charge can truly light up the room.

## 6. Conclusion

In conclusion, our research has uncovered a shockingly strong positive relationship between the number of associates degrees awarded in History and electricity generation in Vietnam. It's as if history has been quietly electrifying the generation of power all along - talk about a "watt" a discovery!

Our findings have illuminated a previously unseen connection that challenges traditional perceptions and sparks new avenues of inquiry. It's like stumbling upon a bright idea in a dark room - quite a light bulb moment, wouldn't you say? Why did the history book and the power plant suddenly become best friends? Because they finally realized they had a truly "electrifying" connection!

It's clear that the association between these seemingly unrelated fields goes beyond mere coincidence. Our research has provided compelling evidence that demonstrates the powerful interplay between the study of history and the generation of electricity. Perhaps we should reconsider the textbooks and replace "shocking" discoveries with "electrifying" ones!

Now, as for future research, we can confidently say that no more investigation is needed in this area. Our work has shed light on this surprising phenomenon, and it's time for other researchers to "charge" into new frontiers of discovery. After all, in the world of academia, a little positive charge can really light up a room!

And with that, we power down our investigation, knowing that history and electricity have a connection that's truly electrifying! Thank you for "current"-ly reading our electrifying findings!

Keep on "watt-ing" for the next enlightening study!