



Planet Pulse

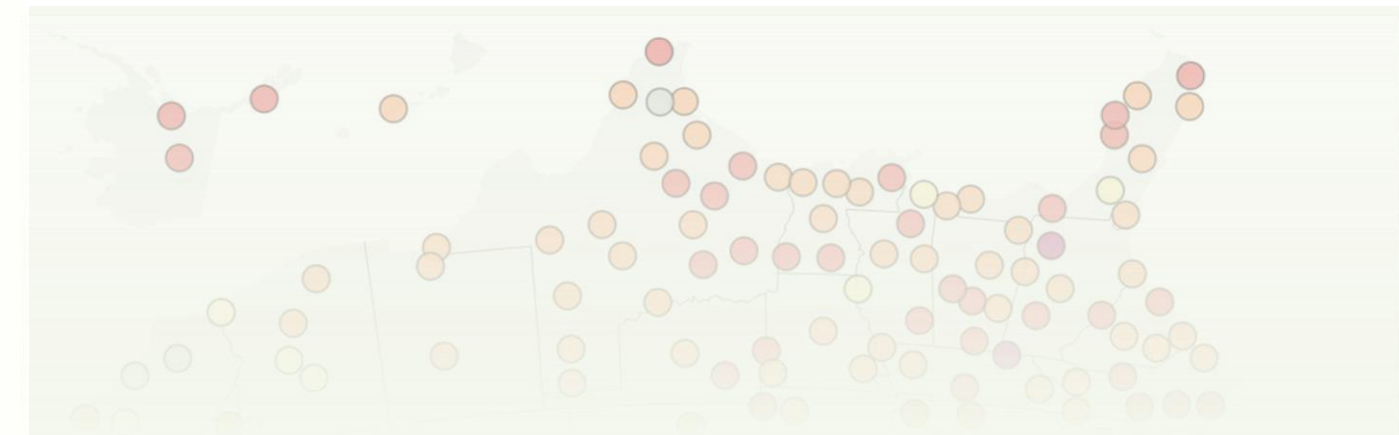
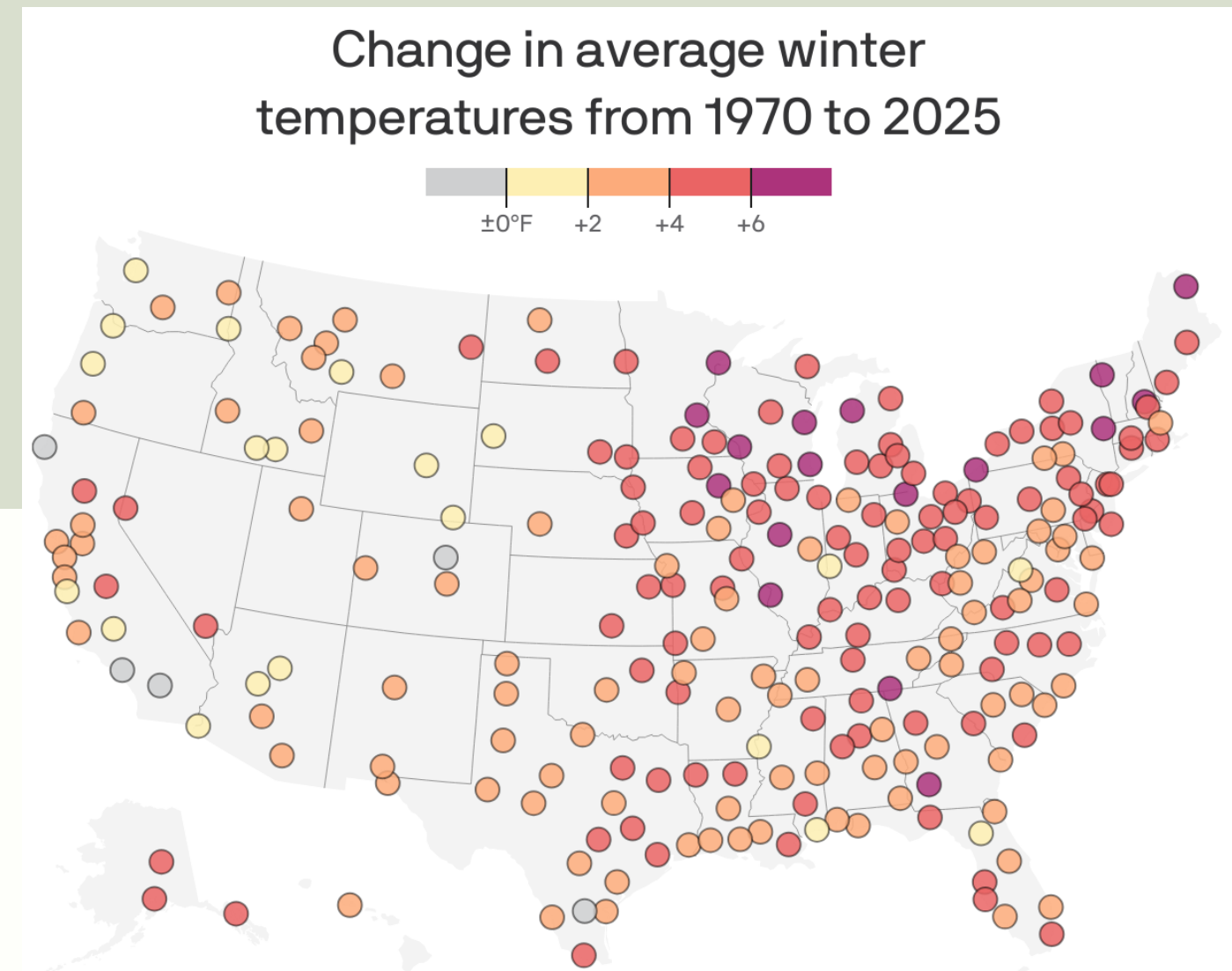
**A rhythmic check-in on
climate issues**





So long to a white Christmas?

- A Climate Central analysis has concluded that from 1970 to 2025 average winter temperatures have risen in 98% of the 244 cities reviewed.
- On average, winter temperatures rose almost 4°F in the cities that experienced an increase.
- New England - where I reside - is one of the fastest warming regions in the entire world.
- The region has experienced more than 4.5°F (2.5°C) warming between 1900 and 2024.
- With average temperatures up 8°F, my home state Connecticut has experienced the largest increase in winter warming.



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Net-zero needs zero tolerance

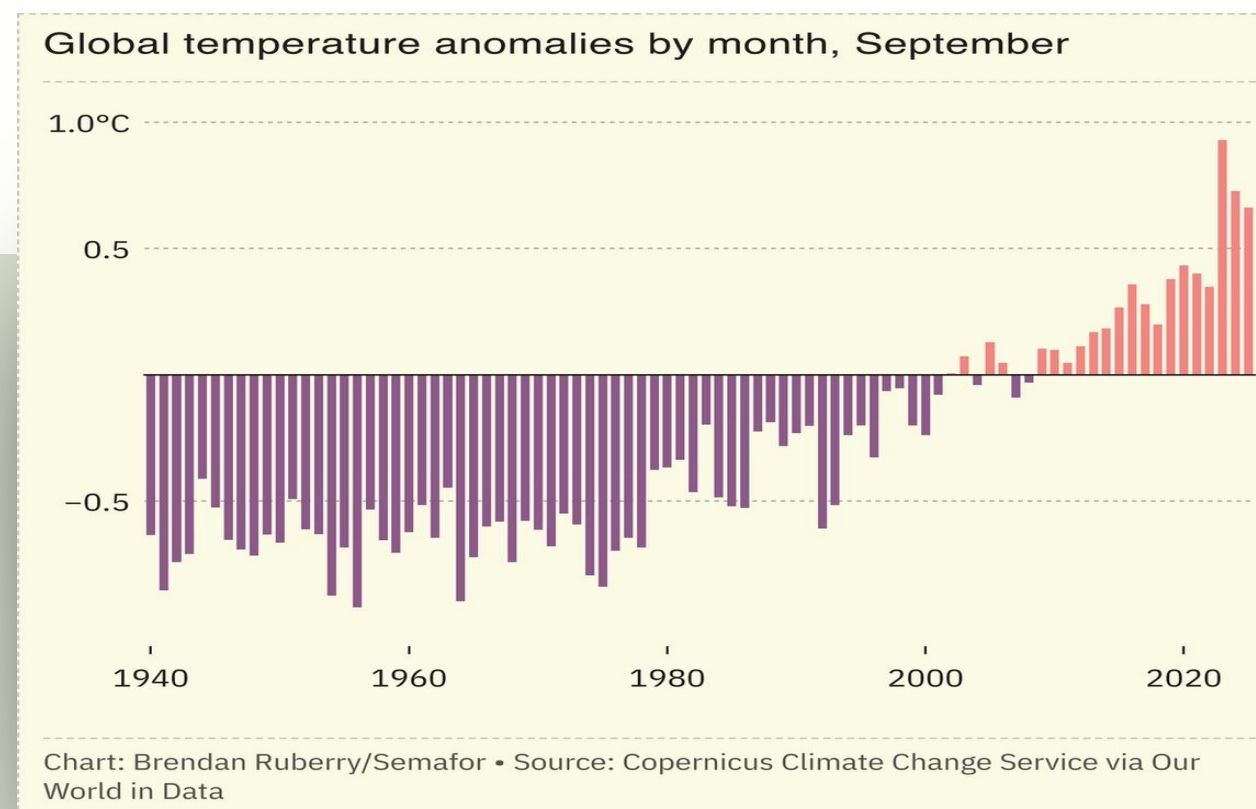
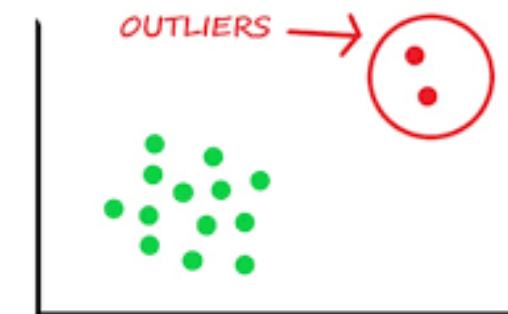
- The climate movement simply can't allow things like this to happen.
- A major study published in the April 17, 2024 edition of the journal *Nature*, has been retracted.

Why?

- Because it greatly exaggerated the impact of climate change.
- It projected that under the most extreme carbon emissions scenario, by 2100, worldwide economic output would decline 62%.
- Except that by eliminating outlier data from a single country - Uzbekistan - changed the result from 62% to a still concerning, but much lower 23%.

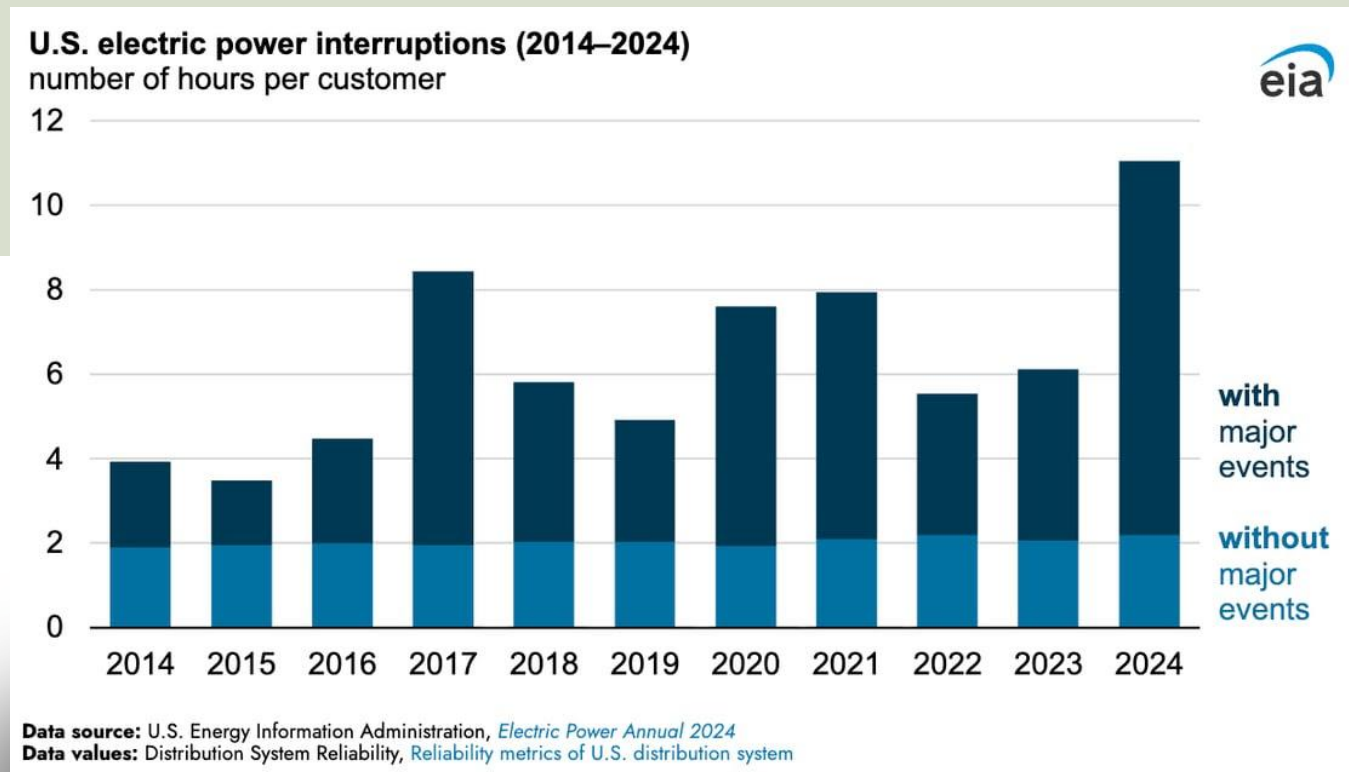
How did the author's miss this?

- My guess is that they didn't. They knew exactly what they were doing.
- It's called finding data that achieves a pre-determined conclusion, but doing so does far more harm than good.



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Lights out

- Talking about outliers, extreme weather caused 2024 to be the worst year in a decade for blackouts, with the average American spending 11 hours without power.
- The average from 2014 and 2023 is around 4 hours.

The outlier:

- Major hurricanes accounted for 80% of the total hours without electricity last year.
- Like the climate study, hurricanes - which only effect certain regions - greatly impacted the overall results.
- The moral of the story: It's wise to peel the layers of the onion away when it comes to data.

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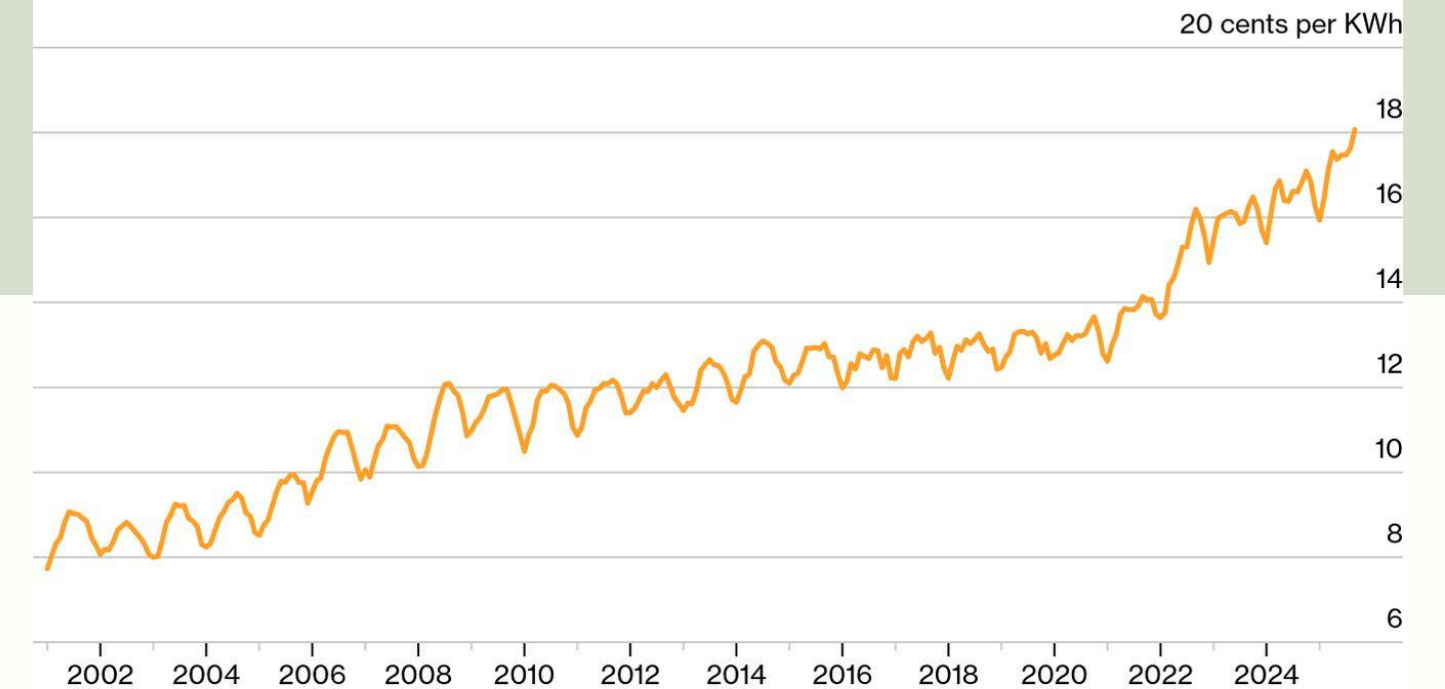
The upside to blackouts

- The most widely covered climate-related story these days is arguably the cost of power.
- Following a two-year price surge, Americans are paying more than ever for electricity.
- And according to Bloomberg, the trend will continue.
- Buffalo tops the list with wholesale electricity prices increasing a staggering 197% from 2020 to 2025.
- Baltimore, Columbus Ohio, and Tulsa have joined Buffalo with 100%+ cost increases since 2020.
- A correlation between AI and data centers continues to emerge.

US Households Are Paying Record Power Prices This Year

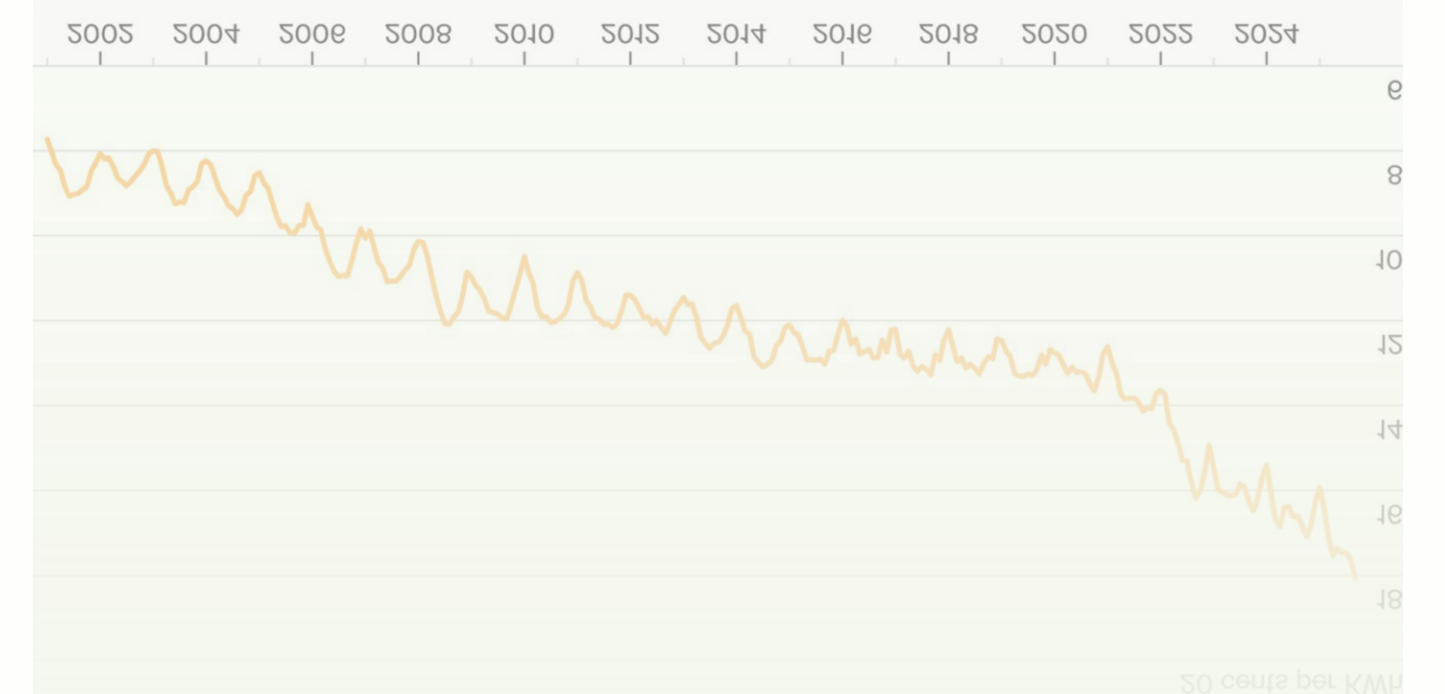
Electricity costs have been rising amid higher fossil fuel prices

— Average US residential electricity prices



Source: US Energy Information Administration

Bloomberg





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Unbiased and Unfiltered

An honest assessment of the cleantech industry and the effort to stem climate change.

