

# The Week That Was: 2025-10-04 (October 4, 2025)

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### The Science and Environmental Policy Project

**Quote of the Week:** *“New scientific ideas never spring from a communal body, however organized, but rather from the head of an individually inspired researcher who struggles with his problems in lonely thought and unites all his thought on one single point which is his whole world for the moment.”*— Max Planck

**Number of the Week:** 1% or 0.5Hz in UK; as small as 0.06% in US.

#### **THIS WEEK:**

*By Ken Haapala, President, Science and Environmental Policy Project (SEPP)*

**Scope:** This TWTW begins with comments on how Solar activity changes high energy cosmic rays hitting Earth’s atmosphere and how these rays change cloudiness on Earth. TWTW briefly discusses the importance of the water cycle, then discusses the difficult balancing act in maintaining grid stability. TWTW presents a video by Kathryn Porter on how the UK government is covering up the enormous expense of going Net Zero. TWTW concludes with the vague plans of New York State to provide electricity in the future and the false health claims supporting this expensive transition.

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**The Sun and Cosmic Rays:** Hannes Sarv of Freedom Research.org. produced an understandable interview of Danish astrophysicist Henrick Svensmark, the primary advocated of the hypothesis that solar activity such as changing solar wind influence the intensity of high energy cosmic rays hitting Earth’s atmosphere. The changing intensity of cosmic rays in turn change the cloudiness of Earth. The changing cloudiness in Earth’s atmosphere has a far greater influence on climate fluctuations than changing carbon dioxide. The hypothesis has stood experimental testing by CERN, the European Organization for Nuclear Research which has the world’s largest particle accelerator, the Large Hadron Collider (LHC). Ron Clutz provides a lightly edited transcript of the interview. Below are some of the key parts. Clutz’s emphasis and illustrations are removed here. FR stands for the questions asked by Sarv, HS for replies by Svensmark. The temperature changes are in Celsius, or 9/5 °F (1.8°F)

#### **How Sun and Cosmic Rays Make Our Climate Change**

In the introduction Sarv states he is not scientifically knowledgeable and asks about the claimed “climate crisis.” Svensmark responds that claiming that the modest warming experienced over the last 100 years is a crisis is foolish. Cold is a greater foe of humanity than heat. Then, Svensmark starts his explanation of his hypothesis.

*“FR: Okay. And so, if there are more clouds and reflect the sunlight back to space, I’m just gonna ask, I’m a lay person, not a scientist. Maybe I’m not, you know, a bit stupid question in that sense. But if it reflects more sunlight out, then well, logically, we get the cooler climate, right?”*

*HS: Yes, exactly. Observations are one of the ways we can verify that it works. So, on relatively rare occasions, there are some explosions at the sun. They're called coronal mass ejections. It's when the magnetic field lines sort of open up and the sun is throwing out a large magnetic plasma. And this magnetic plasma works more or less like an umbrella or a shield against the cosmic rays. So, within a week, the cosmic rays are dropping, and they can drop maybe up to 30% or something like that. And that is like a natural experiment with the whole Earth.*

*And so, you can actually then see if anything is happening with the Earth's cloud cover. And this is something that we have investigated. So, for instance, we can also look at the aerosols that are produced after these events, and we can see that there is a big drop in the aerosols. And then we see a drop in the clouds following these events. And it's not just the cloud fraction, it's also the optical properties of clouds. So, we can actually see changes in the cloud's microphysics under these events.*

*So, in some sense, we see the whole chain from the explosive events and the sun to changes in the cosmic rays to changes in the aerosols and then changes in the clouds. And there is a slight delay on a few days in the reaction. That's simply because it takes about five days for the small aerosols to grow to become cloud condensation nuclei. So, everything seems to be fitting very beautifully with respect to this idea.*

*FR: Okay. But, well, how frequently does it happen, what's the correlation here? I mean, how frequently it happens to change the climate in that sense?*

*HS: I talked about this event with the explosions at the sun, which is something that happens during a week. So, it's too much too short to affect climate. But the solar activity modulates the cosmic rays. And that's simply because the solar activity translates into changes in the solar wind. And the solar wind is covering the whole solar system and all the planets. That works like it's a magnetic shield that screens against the cosmic rays.*

*So, when the solar activity is high, you can say that it's screening better against the cosmic rays. That means you get fewer cosmic rays into the atmosphere. So solar activity can regulate the amount of cosmic rays that comes into the atmosphere. So that regulates in the cloud cover. And we can then estimate, I mean, how much it changes the cloud cover during an 11-year cycle.*

TWTW Comment: Here Svensmark appears to give false precision to his general hypothesis. Detecting the 11-year cycles by solar activity is the holy grail of sun-climate connections. It has not been done. The 2021 paper by Ronan Connolly *et al.*, in *Research in Astronomy and Astrophysics* demonstrates that the IPCC has chosen the weakest link between changes in solar activity and Earth's temperatures among 16 separate studies.

From here on, except when discussing physical evidence, it appears much of the argument is conjecture. It provides an alternative explanation to carbon dioxide for the recent warming. But given an understanding of molecular spectroscopy and radiative transfer that is not needed. However, Nir Shaviv has made a case that over the long haul, the temperature of the planet depends on the cosmic ray flux, which is affected by the motion of the solar system into and out

of the arms of the Milky Way. As stated below, Roland Connolly, *et al.* have asserted that solar output does vary. Could its magnetic field and/or the solar wind also vary with the same periodicity?

*FR: Okay. But how does it fit this idea? How does it fit the historical records?*

*HS: Well, if you look at solar activity going back in time, we talked about the Little Ice Age, which is from around 1300 to 1850. And then you had the medieval warm period for 900 until maybe 1200. That these changes, they fit very beautifully with changes in cosmic rays. So, when it's cold, you have more cosmic rays coming in. And when it's warm, you have less cosmic rays entering into the atmosphere. And we know these changes in cosmic rays because when cosmic rays enter the atmosphere, they are actually producing new elements like carbon-14, which is a radioactive form of carbon. It's slightly heavier than carbon-12.*

*I guess many people know that you can use carbon-14 for dating things. But this carbon becomes CO<sub>2</sub>, the heavy form from carbon, and it goes into trees. And then you can look at the annual rings of the tree rings and measure how much carbon-14 you have relative to carbon-12. And you can then measure that for all the tree rings going back in time and you can actually reproduce solar activity almost 20,000 years back in time. And if you look at these changes and you compare with how climate has been changing over that period, there is beautiful correlations again.*

*So, it is near certain that there is a connection between solar activity and climate. And you can also quantify some of these changes and they are relatively big, and it seems as if that, you know, changes in clouds are a very good candidate for explaining this. And when we look about the last 10,000 years, then the modulation of the cosmic rays, it's caused by solar activity."*

TWTW Comment: SEPP founder Fred Singer was very impressed by the extremely tight correlation between solar activity (Carbon 14) and climate (Oxygen 18) as seen in stalagmites from Oman and elsewhere. The climate of Oman is influenced by both the Intertropical Convergence Zone and Southwest/Northeast Monsoon Drift.

*"FR: Okay. Let me just ask you about those cosmic rays again. You did say, but again, I'm not that bright in your field. You did say it comes from Milky Way. Okay. Why does it come from there? Or what is it? What sends it here?*

*HS: Cosmic rays are very energetic particles. It's mainly atomic nuclei, 90% is protons. So that's the core of the hydrogen atom. So, the energetic particles that we are interested in are mainly produced in what we call supernova. And a supernova, the case that we are interested in, is when you have a massive star that is maybe eight times or more massive than the sun. It only lives a relatively short period of time, you know, from maybe three million years to 40 million years.*

*So, it's a large star and it's very heavy, and then in the process of burning, it burns so fast, and it ends its life in a very, very violent explosion, which is called a supernova. And this supernova, when it explodes, it produces a shock front that is moving out from where the star was located. And this shock front, it works as, you can call it, a cosmic accelerator.*

*So, it accelerates particles that move back and forth over this shock front and move them to extremely high energies. And the energies that you can obtain by this process is much higher than we can produce in any accelerator here on Earth artificially. And these particles, they are then moving in the interstellar space in the Milky Way.*

*And they are moving in the magnetic fields that are in between stars. So, they are sort of moving like what we call diffusion. They are sort of randomly moving around, being bent by the magnetic fields. And then some of them will be outside, you know, arrive outside our solar system.*

*We have the heliosphere and then they move in, and they feel the magnetic field from the sun. And some of them will then enter into the top of the atmosphere. And then you have maybe one proton that comes in with extremely high energy. And then it works a little bit like billiard ball where you have one particle hitting the molecules or the atoms in the atmosphere and it makes a shower, sort of a cascade of particles that goes down through the atmosphere. And these particles are called secondary particles. And so, you can have one particle coming in that becomes millions and even billions of particles that move down through the atmosphere.*

*These particles are completely invisible to our naked eye. While we are sitting here, we are penetrated by these secondary particles that go through my body and your body all the time. And so, every 24 hours, maybe 20 million particles will go through your body, and you don't really experience this. This is something that has happened since the formation of our galaxy. And of course, here on Earth, we have been showered with these particles for four and a half billion years.*

*FR: Well, since you can explain past events with solar activity and how many cosmic rays are coming towards Earth, probably you can basically model what will happen as well, right? So, I mean, the question is, where are we now in terms of changing climate? Because I've also talked, for example, to Professor Zharkova. She said to me that we are entering another ice age soon.*

*HS: There's no doubt that we will get an ice age. We have had a number of ice ages back in time. I don't know if you're talking about a real ice age or you're talking about a little ice age, which is just a colder period.*

The discussion brings up the Little Ice Age and the failure to understand brief warming and cooling periods. Then goes into the failure of global climate models, such as ignoring changes in cloudiness, then adjusting the parameters of the models to fit the data. Such actions demonstrate that the models are useless for prediction of future climate. The discussion covers the unwillingness of scientists to go against the prevailing political interpretation and ugly demonstrations against Svensmark speaking in Germany. Svensmark then discusses long term climate changes and how traveling through the cosmic rays produced by supernovas may have caused Earth's extreme ice ages (snowball Earth during the Precambrian period (720 to 635 million years ago)).

The discussion continues with how traveling through supernovas may have changed the composition of life on Earth and concludes with asserting that the correlation between CO2 and temperatures is poor.

See link under Science: Is the Sun Rising?, for the Connolly paper see link under Commentary: Is the Sun Rising?, and for the discussion on the cave in Oman see NIPCC 2008 (pp, 11-13) under Challenging the Orthodoxy – NIPCC.

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**The Water Cycle:** Meteorologist Anthony Sadar has a short essay exposing the failure of the models used by the IPCC and the uncertainties involved in Earth's hydraulic (water) cycle. Water vapor and clouds account for most of the greenhouse effect. He does not discuss the importance of Radiation Transfer, which is not part of traditional meteorology. See link under Challenging the Orthodoxy.

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**The Balancing Act:** Paul Homewood links to an informative 18-minute video by energy consultant Kathryn Porter discussing the difficulty that electricity grid authorities have in continuously matching electricity generated (supply) with use (demand) across the grid. Porter discusses it using the UK as an example, which has alternating current at 50 cycles per second, Hertz (Hz). The US has alternating current at 60 cycles per second, Hz. But the issues are the same. On the traditional grid, generation was largely stable but major problems could occur with sudden increases or drops in demand.

Today, politicians have interceded and demanded unreliable, unstable, generation from wind and solar be added. So, we have a second major source of instability. What could possibly go wrong? See link under Challenging the Orthodoxy.

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**The Big Crunch, UK?** Paul Homewood links to another, long video by energy consultant Kathryn Porter discussing the high energy prices in the UK, and that the pursuit of Net Zero CO2 emissions will lead to ever higher prices in the UK. There will be no net savings in energy prices from Net Zero. The lack of clarity for government-mandated pricing is stunning. See link under Challenging the Orthodoxy.

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**The Big Crunch, New York?** The New York State Energy Planning Board just issued a draft plan and encouraged New Yorkers to review the Draft Plan and to provide their input by October 6, 2025, through written comments or at public hearings.

In his blog, Manhattan Contrarian, Francis Menton writes:

*“[T]he so-called ‘Energy Plan’ is not an energy plan at all. It would more accurately be described as random musings and wishful thinking by some completely incompetent people who have no idea what they are doing. The so-called ‘Plan’ envisions a future of a fully transformed energy system within the next 15-25 years. Yet it contains no meaningful feasibility analysis, nor any meaningful cost analysis. . . . It’s time to start over, with some people in charge who know what they are doing.”*

In Watts Up With That, energy commentator Roger Caiazza writes:

*“The New York Draft State Energy Plan prepared by the New York State Energy Research & Development Authority (NYSERDA) is currently out for comments. There is absolutely no indication the New York State is treating the stakeholder comment period as anything but an obligation so I had no plans to invest time and effort developing technical comments that would be ignored. Then I read the Health Impacts Analysis chapter. It is so bad that I had to document this embarrassing scientific travesty for the record.*

*Alberto Brandolini has stated that: ‘The amount of energy necessary to refute BS is an order of magnitude bigger than to produce it.’ To fully document the problems would require an overly large post so this will reference articles at my blog addressing the different components. Nonetheless I show that the NYSERDA analysis chose its health impact goals and then contrived an analysis to support those claims.*

### *Health Benefits Claims*

*In a recent article Doreen M. Harris who serves as President and CEO of the New York State Energy Research and Development Authority and Chair of the New York State Energy Planning Board summarized the health benefit message in the Draft Energy Plan. She said: ‘Additional analysis shows that continued implementation of the State’s energy policies would provide substantial public health benefits throughout the State in all communities, with the greatest benefits realized in disadvantaged community areas.’ She made some specific claims: ‘This includes reduced emissions and cleaner air resulting in avoided hospitalizations, work loss days and emergency room visits due to asthma.’*

*The relationship between inhalable particulate matter and emergency room visits due to asthma is frequently cited as proof of air quality impacts. In my analysis I only looked at those parameters because of the frequent references and because I found historical data for both parameters.*

*Before continuing I should note that asthma health impact claims related to air quality is a shaky proposition from the get-go. I used Perplexity AI to generate a summary of the confounding factors affecting asthma related emergency room visits. There are environmental, socio-economic, healthcare access, clinical, comorbidity, behavioral, clinical management and psychosocial confounder factors affecting asthma. Claiming that any one of the factors affecting emergency room visits is agenda-driven science.”*

The EPA’s invalidated Linear No Threshold (LNT) model infects energy planning in New York. See links under Energy Issues – US.

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**Number of the Week: 1% or 0.5Hz in UK; as small as 0.06% in US:** Kathryn Porter states that in the UK, electricity balancing authorities must keep supply and demand balanced within 1% of 50 Hz. Deviations beyond 1% may lead to significant equipment damage and blackouts. In the US, deviations a little as 0.036 Hz can trigger automatic response. “

“Equal to or more negative than its Frequency Response Obligation when Frequency varies from 60 Hz by more than +/- 0.036 Hz.”

<https://www.nerc.com/pa/stand/reliability%20standards/bal-003-2.pdf>

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## NEWS YOU CAN USE:

### ***Science: Is the Sun Rising?***

#### **How Sun and Cosmic Rays Make Our Climate Change**

Interview of Professor Henrik Svensmark by Hannes Sarv of Freedom Research, transcript and illustrations by Clutz, His Blog, Sep 30, 2025

<https://rclutz.com/2025/09/30/how-sun-and-cosmic-rays-make-our-climate-change/>

### ***Commentary: Is the Sun Rising?***

#### **How much has the Sun influenced Northern Hemisphere temperature trends? An ongoing debate**

By Ronan Connolly, et al., Research in Astronomy and Astrophysics, 2021

<https://iopscience.iop.org/article/10.1088/1674-4527/21/6/131>

### ***Censorship***

#### **Aussie Human Rights Commission Demands Climate Censorship**

By Eric Worrall, WUWT, Sep 28, 2025

<https://wattsupwiththat.com/2025/09/28/aussie-human-rights-commission-demands-climate-censorship/>

*[SEPP Comment: If you disagree with the Greens, human rights don't apply to you?]*

### ***Challenging the Orthodoxy -- NIPCC***

#### **Climate Change Reconsidered II: Physical Science**

Idso, Carter, and Singer, Lead Authors/Editors, Nongovernmental International Panel on Climate Change (NIPCC), 2013

<https://www.heartland.org/media-library/pdfs/CCR-II/CCR-II-Full.pdf>

*Summary:* <https://www.heartland.org/template-assets/documents/CCR/CCR-II/Summary-for-Policymakers.pdf>

#### **Climate Change Reconsidered II: Biological Impacts**

Idso, Idso, Carter, and Singer, Lead Authors/Editors, Nongovernmental International Panel on Climate Change (NIPCC), 2014

<http://climatechangereconsidered.org/climate-change-reconsidered-ii-biological-impacts/>

#### **Climate Change Reconsidered II: Fossil Fuels**

By Multiple Authors, Bezdek, Idso, Legates, and Singer eds., Nongovernmental International Panel on Climate Change, April 2019

<http://climatechangereconsidered.org/climate-change-reconsidered-ii-fossil-fuels/>

#### **Why Scientists Disagree About Global Warming**

The NIPCC Report on the Scientific Consensus

By Craig D. Idso, Robert M. Carter, and S. Fred Singer, Nongovernmental International Panel on Climate Change (NIPCC), Nov 23, 2015

<http://climatechangereconsidered.org/why-scientists-disagree-about-global-warming/>

### **Nature, Not Human Activity, Rules the Climate**

S. Fred Singer, Editor, NIPCC, 2008

[http://www.sepp.org/publications/nipcc\\_final.pdf](http://www.sepp.org/publications/nipcc_final.pdf)

### ***Challenging the Orthodoxy – Radiation Transfer***

#### **The Role of Greenhouse Gases in Energy Transfer in the Earth's Atmosphere**

By W.A. van Wijngaarden and W. Happer, Preprint, Mar 3, 2023

<https://co2coalition.org/wp-content/uploads/2023/11/The-Role-of-Greenhouse-Gases-in-Energy-Transfer-in-the-Earths-Atmosphere.pdf>

#### **Dependence of Earth's Thermal Radiation on Five Most Abundant Greenhouse Gases**

By W.A. van Wijngaarden and W. Happer, Preprint, December 22, 2020

<https://wvanwijngaarden.info.yorku.ca/files/2020/12/WThermal-Radiationf.pdf?x45936>

#### **Net Zero Averted Temperature Increase**

By Richard Lindzen, William Happer, and William A. van Wijngaarden, CO2 Coalition, June 2024

<https://co2coalition.org/publications/net-zero-averted-temperature-increase/>

#### **Radiation Transport in Clouds**

By W.A. van Wijngaarden and W. Happer, *Klimarealistene*, Science of Climate Change, January 2025

<https://scienceofclimatechange.org/wp-content/uploads/SCC-2025-vWijngaarden-Happer.pdf>

### ***Challenging the Orthodoxy***

#### **The depth of climate knowledge**

By Anthony J. Sadar, American Thinker, Sep 30, 2025

[https://www.americanthinker.com/blog/2025/09/the\\_depth\\_of\\_climate\\_knowledge.html](https://www.americanthinker.com/blog/2025/09/the_depth_of_climate_knowledge.html)

#### **In The Dark: Senegal As A Case Study In Energy Poverty**

By John Robson, Climate Discussion Nexus, Sep 29, 2025

<https://climatediscussionnexus.com/videos/in-the-dark-senegal-as-a-case-study-in-energy-poverty/>

One hour 38 Minute video

#### **What is balancing and why does it matter**

By Paul Homewood, Not a Lot of People Know That, Sep 30, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/09/30/what-is-balancing-and-why-does-it-matter/>

Another informative 18-minute video from Kathryn Porter:

#### **This Isn't Science, It's Ideology – Kathryn Porter**

By Paul Homewood, Not a Lot of People Know That, Sep 28, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/09/28/this-isnt-science-its-ideology-kathryn-porter/>

One hour, 27-minute video

### **A Below-Normal Wildfire Year**

By Cliff Mass, Weather Blog, Sep 27, 2025

<https://cliffmass.blogspot.com/2025/09/a-below-normal-wildfire-year.html>

The fact that we had a modest wildfire year, even with a drier than normal summer, shows that the controls of wildfire are more complex than the trends in one or two meteorological parameters. For example, wind is as important as temperature and moisture.

In a future blog, I will discuss this important point in more depth, noting we have experienced a wildfire DEFICIT over the region compared to historical norms.

The Northwest is a place where wildfire is a normal part of the environment...and has been for thousands of years.

### **I'm a Meteorologist. The Met Office Has Serious Questions to Answer Over the Accuracy of its Temperature Measurements**

By Andrew Sibley, The Daily Sceptic, Oct 1, 2025 [H/t Bernie Kepshire]

<https://dailysceptic.org/2025/10/01/im-a-meteorologist-the-met-office-has-serious-questions-to-answer-over-the-accuracy-of-its-temperature-measurements/>

However, as far as I am aware no equivalent long-term studies have been conducted or published to assess the impact of the change to PRTs [platinum resistance thermometers] and higher frequency readings collected by data-loggers. Jennifer Marohasy has struggled to find information related to this question for an automatic weather station at Brisbane Airport.

### ***Defending the Orthodoxy***

#### **No, Reuters, Climate Change is Not Threatening Europe's Resources**

By Anthony Watts, Climate Realism, Oct 2, 2025

<https://climaterealism.com/2025/10/no-reuters-climate-change-is-not-threatening-europes-resources/>

Link to article: **Climate change and pollution threaten Europe's resources, EU warns**

By Reuters, Sep 29, 2025

<https://www.reuters.com/sustainability/climate-energy/climate-change-pollution-threaten-europes-resources-eu-warns-2025-09-29/>

Link to report: **Europe's environment 2025**

By Staff, European Environment Agency (EEA), Sep 28, 2025

<https://www.eea.europa.eu/en/europe-environment-2025>

From Reuters: "The window for meaningful action is narrowing, and the consequences of delay are becoming more tangible," executive director Leena Yla-Mononen [EEA] said.

"We are approaching tipping points - not only in ecosystems, but also in the social and economic systems that underpin our societies."

### **The Doughnut of Prosperity and Comrade Guterres' War on Capitalism**

By David Middleton, WUWT, Oct 3, 2025

<https://wattsupwiththat.com/2025/10/03/the-doughnut-of-prosperity-and-comrade-guterres-war-on-capitalism/>

Link to: **GDP at 70: why genuinely sustainable development means settling a debate at the heart of economics**

Researchers advocating reform of the world's main measure of growth have an opportunity to participate in the process that sets the rules.

Editorial, Nature, Aug 9, 2023

<https://www.nature.com/articles/d41586-023-02509-5>

Beyond GDP is now being championed by UN secretary-general António Guterres, who has made it one of his priorities for his second term. And in May, the European Parliament hosted a major conference at which researchers and policymakers discussed how the European Union can move beyond growth by integrating social and climate justice, equality and planetary boundaries into economic policymaking.

Link to: **Doughnut of social and planetary boundaries monitors a world out of balance**

By Andrew L. Fanning & Kate Raworth, Nature, Oct 1, 2025

<https://www.nature.com/articles/s41586-025-09385-1>

From the abstract: These trends and inequalities reaffirm the case for overcoming the dependence of nations on perpetual GDP growth and reorienting towards regenerative and distributive economic activity—within and between nations—that assigns priority to human needs and **planetary integrity**. [Boldface added]

**The Useless May Wags Her Finger**

By Paul Homewood, Not a Lot of People Know That, Oct 3, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/10/03/the-useless-may-wags-her-finger/#more-88793>

*Questioning the Orthodoxy*

**Emerging hemispheric asymmetry of Earth's radiation**

By Norman G. Loeb, et al, PNAS, Sep 29, 2025 [H/t Bernie Kepshire]

<https://www.pnas.org/doi/10.1073/pnas.2511595122>

From abstract: The emerging darkening of the NH relative to the SH is associated with changes in hemispheric differences in aerosol–radiation interactions, surface albedo, and water vapor changes. Cloud changes also contribute to a greater ASR hemispheric contrast, but the magnitude is small due to opposing trend differences in the tropics and extratropics. The break in hemispheric symmetry in ASR challenges the notion that clouds naturally compensate for forced hemispheric asymmetries in noncloud properties.

**UN, EU, ICJ, Climate Cabal want to keep world's poor impoverished**

By Paul Driessen, WUWT, Oct 3, 2025

<https://wattsupwiththat.com/2025/10/03/un-eu-icj-climate-cabal-want-to-keep-worlds-poor-impoverished/>

They proclaim a 'human right' to 'clean environment' but not to reliable energy or better health.

**Deniers are everywhere. The race is on to be a skeptic now — Kemi Badenoch vows to repeal Climate Change Act**

By Jo Nova, Her Blog, Oct 3, 2025

<https://joannenova.com.au/2025/10/deniers-are-everywhere-the-race-is-on-to-be-a-skeptic-kemi-badenoch-vows-to-repeal-climate-change-act/>

Sir Kier Starmer was a star at the last COP meeting in Azerbaijan, but this year he doesn't even want to go to the next COP meeting in Brazil. Apparently his aides "are worried about being criticized by the Reform UK party." Only two years ago Starmer was criticizing Rishi Sunak for missing COP27, now he's too scared to go himself lest he look crazy-green.

### **Flood Myths on Thin Ice: What Greenland Just Told the Modelers**

By Charles Rotter, WUWT, Sep 29, 2025

<https://wattsupwiththat.com/2025/09/29/flood-myths-on-thin-ice-what-greenland-just-told-the-modelers/>

Link to paper: Greenland ice sheet runoff reduced by meltwater refreezing in bare ice

By Matthew G. Cooper, et al., Nature Communications, Sep 12, 2025

<https://www.nature.com/articles/s41467-025-62281-0>

From abstract: There is growing evidence, however, that climate models overestimate runoff from this critical area of the ice sheet. Climate models traditionally assume that all bare-ice runoff enters the ocean, unlike porous firm, in which some meltwater is retained and/or refrozen. We used field measurements and numerical modeling to reveal that extensive retention and refreezing also occurs in bare glacier ice. We found that, from 2009 to 2018, meltwater refreezing in bare, porous glacier ice reduced runoff by an estimated 11–17 Gt a<sup>-1</sup> in southwest Greenland alone, equivalent to 9–15% of this sector's annual meltwater runoff simulated by climate models.

*[SEPP Comment: Not all the run-off runs off?]*

### **Fact Checking Trump's Climate Claims**

I & I Editorial Board, Sep 30, 2025

<https://issuesinsights.com/2025/09/30/fact-checking-trumps-climate-claims/>

### **Energy & Environmental Review: September 29, 2025**

By John Droz, Jr., Master Resource, Sep 29, 2025

<https://www.masterresource.org/alliance-for-wise-energy-decisions/energy-environmental-09-29-2025/>

### ***Social Benefits of Carbon Dioxide***

#### **The Amazon's "CO<sub>2</sub> Problem"? Turns Out the Trees Love It – So Does the Media**

By Anthony Watts, WUWT, Oct 1, 2025

<https://wattsupwiththat.com/2025/10/01/the-amazons-co2-problem-turns-out-the-trees-love-it-so-does-the-media/>

Link to paper: **Increasing tree size across Amazonia**

By Adriane Esquivel-Muelbert, et. al., Nature Plants, Sep 25, 2025

<https://www.nature.com/articles/s41477-025-02097-4>

#### **The effect of additional CO<sub>2</sub> on Eucalyptus saligna**

By John Robson, Climate Discussion Nexus, Oct 1, 2025

<https://climatediscussionnexus.com/2025/10/01/the-effect-of-additional-co2-on-eucalyptus-saligna/>

From the CO2Science archive: Our featured plant this week is a tree locally known in its native Australia as Sydney Blue Gum.

### ***Problems in the Orthodoxy***

#### **New Tactics, But Climate Crusaders Running Out of Options**

By Gary Abernathy, Real Clear Energy, Sep 29, 2025

[https://www.realclearenergy.org/articles/2025/09/29/new\\_tactics\\_but\\_climate\\_crusaders\\_running\\_out\\_of\\_options\\_1137850.html](https://www.realclearenergy.org/articles/2025/09/29/new_tactics_but_climate_crusaders_running_out_of_options_1137850.html)

#### **“Climate Pragmatism”: The New Retreat**

By Robert Bradley Jr., Master Resource, Sep 26, 2025

<https://www.masterresource.org/climate-politics-retreat/climate-pragmatism-new-retreat/>

### ***Seeking a Common Ground***

#### **Bunk from the Brink**

When the science police don't understand the science they are policing

By Roger Pielke, Jr., His Blog, Oct 2, 2025

[https://rogerpielkejr.substack.com/p/bunk-from-the-brink?utm\\_source=post-email-title&publication\\_id=119454&post\\_id=175131383&utm\\_campaign=email-post-title&isFreemail=true&r=f7h7&triedRedirect=true&utm\\_medium=email](https://rogerpielkejr.substack.com/p/bunk-from-the-brink?utm_source=post-email-title&publication_id=119454&post_id=175131383&utm_campaign=email-post-title&isFreemail=true&r=f7h7&triedRedirect=true&utm_medium=email)

Today, Dessler posted a further critique of the DOE CWG — “Is this the most embarrassing error in the DOE Climate Working Group Report?” Dessler’s post is remarkable for the simple fact that he reveals in great detail that he does not understand the science he is policing.

### ***Measurement Issues -- Atmosphere***

#### **UAH v6.1 Global Temperature Update for September 2025: +0.53 deg. C**

By Roy Spencer, His Blog, Oct 2, 2025

<https://www.drroyspencer.com/2025/10/uah-v6-1-global-temperature-update-for-september-2025-0-53-deg-c/>

The Version 6.1 global area-averaged linear temperature trend (January 1979 through September 2025) remains at +0.16 deg/ C/decade (+0.22 C/decade over land, +0.13 C/decade over oceans).

#### **Global Temperature Report**

By Staff, Earth System Science Center, UAH, **August 2025**

Map: [https://www.nsstc.uah.edu/climate/2025/Aug2025/202508\\_Map.png](https://www.nsstc.uah.edu/climate/2025/Aug2025/202508_Map.png)

Graph: [https://www.nsstc.uah.edu/climate/2025/Aug2025/202508\\_Bar.png](https://www.nsstc.uah.edu/climate/2025/Aug2025/202508_Bar.png)

Text: Sep 27, 2025:

[https://www.nsstc.uah.edu/climate/2025/Aug2025/GTR\\_202508AUG\\_v1.pdf](https://www.nsstc.uah.edu/climate/2025/Aug2025/GTR_202508AUG_v1.pdf)

We estimate the error range of this trend over 46+ years at  $\pm 0.03$  C/decade which renders the third decimal inconsequential.

### ***Changing Weather***

#### **Extreme Precipitation Contrasts**

By Cliff Mass, Weather Blog, Oct 1, 2025

<https://cliffmass.blogspot.com/2025/10/extreme-precipitation-contrasts.html>

Can you imagine a region in which rainfall can vary by a factor of 100, within 50 miles or less?

No need to imagine if you are living in Western Washington!

### **So far, NOAA's 'above normal' hurricane season prediction is a bust**

By Anthony Watts, WUWT, Sep 27, 2025

<https://wattsupwiththat.com/2025/09/27/so-far-noaas-above-normal-hurricane-season-is-a-bust/>

### ***Changing Seas***

#### **#HaveItBothWays: Saltiness of the North Atlantic**

By John Robson, Climate Discussion Nexus, Oct 1, 2025

<https://climatediscussionnexus.com/2025/10/01/haveitbothways-saltiness-of-the-north-atlantic/>

Link to paper: Changes in freshwater content in the North Atlantic Ocean 1955–2006

By Tim Boyer, et al., Geophysical Research Letters, Aug 21, 2007

<https://agupubs.onlinelibrary.wiley.com/doi/10.1029/2007GL030126>

### **Mid-Holocene South China Sea Level 2-3 Meters Higher Than Today Due To 1-2°C Warmer Temps**

By Kenneth Richard, No Tricks Zone, Sep 30, 2025

<https://notrickszone.com/2025/09/30/mid-holocene-south-china-sea-level-2-3-meters-higher-than-today-due-to-1-2c-warmer-temps/>

Link to paper: **An Overview of the Holocene High Sea Level Around the South China Sea: Age, Height, and Mechanisms**

By Lei Zhang, et al., Atmosphere, Aug 21, 2025

<https://www.mdpi.com/2073-4433/16/8/993>

From the abstract: Regionally averaged formation times suggest a broadly synchronous mid-Holocene high-sea-level event across the SCS, potentially reflecting a global background. The observed variability is attributed to the interplay of multiple factors: global processes like glacial meltwater input and seawater thermal expansion, particularly during the Holocene warm period, and regional neotectonic movements (uplift/subsidence), which are the primary cause of spatial differences in reconstructed elevations. Significant debate persists regarding precise timing, height, and dominant mechanisms due to limitations in data coverage, dating precision, and challenges in quantifying tectonic influences.

### ***Changing Cryosphere – Land / Sea Ice***

#### **New Study Attributes Arctic Sea Ice Decline – And 'Slowdown' Since 2012 -To Internal Variability**

By Kenneth Richard, No Tricks Zone, Oct 2, 2025

<https://notrickszone.com/2025/10/02/new-study-attributes-arctic-sea-ice-decline-and-slowdown-since-2012-to-internal-variability/>

Link to paper: **Recent slowing of Arctic sea ice melt tied to multidecadal NAO variability**

By Cen Wang, et al., Nature Communications, Sep 26, 2025

<https://www.nature.com/articles/s41467-025-63520-0>

### **September 2025 Arctic Ice Beats Expectations**

By Ron Clutz, His Blog, Sep 1, 2025

<https://rclutz.com/2025/10/01/september-2025-arctic-ice-beats-expectations/>

*[SEPP Comment: Clutz shows that the Multisensor Analyzed Sea Ice Extent - Northern Hemisphere (MASIE-NH) continues to produce “high-resolution, accurate charts of ice conditions” for the Arctic.]*

### **Arctic Ice Aplenty at Annual Dip September 2025**

By Ron Clutz, His Blog, Sep 28, 2025

<https://rclutz.com/2025/09/28/arctic-ice-aplenty-at-annual-dip-september-2025/>

After a sub-par March maximum, by end of May 2025 Arctic ice closed the gap with the 19-year average. In mid-August MASIE showed the Arctic ice extent matching the 19-year average. Mid month Arctic ice went above average and remained in surplus, ranging from a high of +231k km<sup>2</sup> to +160k km<sup>2</sup> at end of August. Now during the annual minimum month of September 2025 there is Arctic ice aplenty.

### **Never mind that silly old ice Part 37**

By John Robson, Climate Discussion Nexus, Oct 1, 2025

<https://climatediscussionnexus.com/2025/10/01/never-mind-that-silly-old-ice-part-37/>

Now do you see? Even though the ice is not melting, it is. QED. And we're melting it though it's not melting. Even if we have to admit natural fluctuations that the CO<sub>2</sub> theory cannot explain in order to salvage the CO<sub>2</sub> theory for polemical purposes. As in:

“Moreover, the slowdown can't last forever. Natural variability has offered a temporary reprieve, England said, but the research team's models showed that the pauses in September sea ice loss have only a one in four chance of persisting for another decade. Higher carbon emission scenarios presented even lower odds of sustaining a muted pace of future ice loss. Concerningly, when the slowdown does end, the anomalously high amounts of sea ice remaining could more rapidly melt away.”

### **2025 Arctic Sea Ice Minimum Nearly Half A Million Square Kilometers More Than 2007**

By P Gosselin, No Tricks Zone, Sep 27, 2025

<https://notrickszone.com/2025/09/27/2025-arctic-sea-ice-minimum-nearly-half-a-million-square-kilometers-more-than-2007/>

### **Arctic Ice Rebound**

By Jim Wallace, ICECAP, Sep 28, 2025

[http://icecap.us/index.php/go/new-and-cool/arctic\\_ice\\_rebound/](http://icecap.us/index.php/go/new-and-cool/arctic_ice_rebound/)

### ***Changing Earth***

#### **New USGS Map Offers an Interactive Look at the Rocks Beneath Our Feet**

The Cooperative National Geologic Map is an interactive tool that builds on both cutting-edge technology and decades of mapping by geoscientists.

By Nathaniel Scharping, EOS, Sep 26, 2025

<https://eos.org/articles/new-usgs-map-offers-an-interactive-look-at-the-rocks-beneath-our-feet>

### ***Agriculture Issues & Fear of Famine***

#### **A bumper crop of bad science**

By John Robson, Climate Discussion Nexus, Oct 1, 2025

<https://climatediscussionnexus.com/2025/10/01/a-bumper-crop-of-bad-science/>

Link to paper: **Impacts of climate change on global agriculture accounting for adaptation**  
By Andrew Hultgren, et al., Nature, June 18, 2025  
<https://www.nature.com/articles/s41586-025-09085-w>

***Communicating Better to the Public – Use Yellow (Green) Journalism?***

**DOE’s “Forbidden Words” Fake Scandal: Politics by Semantics**

By Anthony Watts, WUWT, Oct 1, 2025

<https://wattsupwiththat.com/2025/10/01/does-forbidden-words-fake-scandal-politics-by-semantics/>

The supposed controversy? Staff were told to avoid buzzwords like “climate change,” “green,” “sustainable,” “emissions,” “decarbonization,” “clean energy,” and “energy transition” in official documents.

**An Energy Trojan Horse**

By Kevin Kilty, WUWT, Oct 1, 2025

<https://wattsupwiththat.com/2025/10/01/an-energy-trojan-horse/>

***Communicating Better to the Public – Make things up.***

**CLAIM: Climate change is supercharging Europe’s biggest hail**

By Anthony Watts, WUWT, Sep 27, 2025

<https://wattsupwiththat.com/2025/09/27/claim-climate-change-is-supercharging-europes-biggest-hail/>

Link to paper: **Future changes in severe hail across Europe, including regional emergence of warm-type thunderstorms**

By Abdullah Kahraman, et al., Nature Communications, Sep 26, 2025

<https://www.nature.com/articles/s41467-025-62780-0>

***Communicating Better to the Public – Use Propaganda***

**Overheated down under**

By John Robson, Climate Discussion Nexus, Oct 1, 2025

<https://climatediscussionnexus.com/2025/10/01/overheated-down-under/>

Is seen as. And if you’re looking for data confirming an increase in extreme weather in Australia, well, don’t ask a climate zealot. They’ve been hallucinating them for so long they’ve forgotten that any fools still want data. Thus:

“On Monday, a report into the impact of climate change – the first of its kind in the country – found Australia had already reached warming of above 1.5C and that no community would be immune from ‘cascading, compounding and concurrent’ climate risks.”

***Questioning European Green***

**The end of the Net Zero consensus**

By Maurice Cousins, Net Zero Watch, Oct 2, 2025

<https://www.netzerowatch.com/all-news/a5152jq2p4gbw7j5p4hw86yuqgojk6>

[UK Leader of the Conservative Party] Kemi Badenoch’s call to scrap the Climate Change Act matters far more than the headlines suggest.

The Westminster consensus on energy and climate policy - which has been unchallenged for 17 years - is finally dead. That consensus acted as the praetorian guard for an aggressive and disproportionate form of national decarbonisation to meet a global target. It insulated policy from proper scrutiny, locked in subsidies by stealth, and kept important public debate off-limits.

### **“The Country Is Being Destroyed For Nothing,” Says German Professor Fritz Vahrenholt**

By P Gosselin, No Tricks Zone, Oct 1, 2025

<https://notrickszone.com/2025/10/01/the-country-is-being-destroyed-for-nothing-says-german-professor-fritz-vahrenholt/>

### **The Case Against Net Zero – a Twelfth Update,**

By Robin Guenie, Climate Scepticism, UK, Oct 2, 2025 [H/t Bernie Kepshire]

<http://mail.haapala.com/interface/root#/email>

### ***Non-Green Jobs***

#### **European automotive supply chain on BRINK of collapse**

By Paul Homewood, Not a Lot of People Know That, Sep 27, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/09/27/european-automotive-supply-chain-on-brink-of-collapse/>

Six-minute video

### ***Funding Issues***

#### **Net-Zero Banking Alliance to Stop Operations After Member Exodus**

By Eric Worrall, WUWT, Oct 3, 2025

<https://wattsupwiththat.com/2025/10/03/net-zero-banking-alliance-to-stop-operations-after-member-exodus/>

#### **Net Zero Hobbits Encounter Realities Outside Middle-earth**

By Vijay Jayaraj, CO2 Coalition, Sep 30, 2025

<https://co2coalition.org/2025/09/30/https-www-theblaze-com-columns-opinion-airlines-and-banks-admit-net-zero-promises-were-pure-fantasy/>

The Net-Zero Banking Alliance, once a beacon of green aspirations, has lost some of its largest members, including HSBC and UBS, and all the largest U.S. banks, among them JP Morgan, Wells Fargo and Citigroup.

The climate industrial complex, through its organs at the United Nations, sought to impose anti-fossil fuel goals on the global shipping industry via the International Maritime Organization (IMO). But in 2025, the United States took a bold stand by formally opposing the IMO's position.

#### **Trump claws back nearly \$8B for green projects**

By Rachel Frazin, The Hill, Oct 3, 2025

<https://thehill.com/newsletters/energy-environment/5538209-trump-claws-back-nearly-8b-for-green-projects/>

### ***The Political Games Continue***

#### **Badenoch vows to scrap ‘failed’ climate change law**

By Paul Homewood, Not a Lot of People Know That, Oct 2, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/10/02/badenoch-vows-to-scrap-failed-climate-change-law/>

Given the green blob well established in the Tory Party and Kemi's own conflation of a "cleaner environment" with carbon dioxide and her reluctance to dismiss out of hand climate alarmism, my concern is that Net Zero will still be smuggled in via the back door, Climate Act or no Climate Act.

### **GWPF welcomes Badenoch's pledge to scrap the Climate Change Act**

Press Release, Global Warming Policy Foundation, Oct 3, 2025

<https://thegwpf.org/gwpf-welcomes-badenochs-pledge-to-scrap-the-climate-change-act/>

### ***Litigation Issues***

#### **Revolution Wind Is Barking Up the Wrong Tree**

By Collister Johnson, Real Clear Energy, Sep 26, 2025

[https://www.realclearenergy.org/articles/2025/09/26/revolution\\_wind\\_is\\_barking\\_up\\_the\\_wrong\\_tree\\_1137185.html](https://www.realclearenergy.org/articles/2025/09/26/revolution_wind_is_barking_up_the_wrong_tree_1137185.html)

*[SEPP Comment: A "court of proper jurisdiction" has the authority to hear and decide a case, which requires both personal jurisdiction (over the people involved) and subject matter jurisdiction (over the type of case).]*

### ***Cap-and-Trade and Carbon Taxes***

#### **Tidbits**

By John Robson, Climate Discussion Nexus, Oct 1, 2025

<https://climatediscussionnexus.com/2025/10/01/tidbits-128/>

Stop the presses: a *Euronews.green* headline shouts "Former world leaders call for fossil fuel taxes to fund global climate action". Yeah? Why didn't you say it while in office or even (gasp) do it? Too economically and politically disastrous? Or because no one cared what you said when in office, in which case why would anyone care now?

### ***EPA and other Regulators on the March***

#### **Nearly 90 percent of EPA set for furlough as government shuts down**

By Rachel Frazin, The Hill, Oct 1, 2025

<https://thehill.com/policy/energy-environment/5531546-government-shutdown-epa-furloughs/>

### ***Energy Issues – Non-US***

#### **Energy bills latest: the Westminster penalty**

By Maurice Cousins, Net Zero Watch, Sep 30, 2025

<https://www.netzerowatch.com/all-news/tpow6erlmtk5qz0kaeh4xess19xezf>

[UK Department for Energy Security and Net Zero] DESNZ tries disguise all of this by lumping policy costs under the heading of wholesale prices. What DESNZ calls the wholesale price includes:

- Subsidies like ROs, FiTs and CfDs loaded into the market price.
- Balancing and constraint payments when intermittent wind and solar can't deliver.
- Billions in new transmission lines and grid upgrades.
- Payments to keep backup fossil plants on standby.

### **Energy price rises prompt call for more help with bills [UK]**

By Paul Homewood, Not a Lot of People Know That, Oct 1, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/10/01/energy-price-rises-prompt-call-for-more-help-with-bills/>

### **Ireland Forced To Pay Massively More For Wind Power**

By Paul Homewood, Not a Lot of People Know That, Sep 30, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/09/30/ireland-forced-to-pay-massively-more-for-wind-power/>

### ***Energy Issues – Australia***

#### **Claim: Renewable Australia will Have No Problem with Zero Generation Days**

By Eric Worrall, WUWT, Oct 1, 2025

<https://wattsupwiththat.com/2025/10/01/claim-renewable-australia-will-have-no-problem-with-zero-generation-days/>

Link to paper: **Quantifying the risk of renewable energy droughts in Australia's National Electricity Market (NEM) using MERRA-2 weather data**

By Joel Gilmore, Tim Nelson, and Tahlia Nolan, Economic Analysis and Policy, June 20225

<https://www.sciencedirect.com/science/article/pii/S0313592625001134>

*[SEPP Comment: A realistic study or just speculation?]*

Pielke Jnr — “No country has ever achieved the rate of decarbonisation Australia is aiming for”

By Jo Nova, Her Blog, Sep 30, 2025

<https://joannenova.com.au/2025/09/pielke-jnr-no-country-has-ever-achieved-the-rate-of-decarbonisation-australia-is-aiming-for/>

### **Aussie AI Industry Demands Subsidies for Unspecified Reasons**

By Eric Worrall, WUWT, Sep 28, 2025

<https://wattsupwiththat.com/2025/09/28/aussie-ai-industry-demands-subsidies-for-unspecified-reasons/>

*[SEPP Comment: To make us feel good?]*

### ***Energy Issues -- US***

#### **New York Draft Energy Plan Health Impacts Analysis Scientific Travesty**

By Roger Caiazza, WUWT, Oct 2, 2025

<https://wattsupwiththat.com/2025/10/02/new-york-draft-energy-plan-health-impacts-analysis-scientific-travesty/>

Link to: **Draft 2025 Energy Plan**

By Staff, New York State Energy Planning Board, Accessed Oct 2, 2025

<https://energyplan.ny.gov/Plans/Draft-2025-Energy-Plan>

### **Two Takes On The Progress Of New York's Energy Transformation**

By Francis Menton, Manhattan Contrarian, Sep 27, 2025

<https://www.manhattancontrarian.com/blog/2025-9-27-two-takes-on-the-progress-of-new-yorks-energy-plans>

## **PG&E Will Upgrade Infrastructure as Part of 5-Year, \$73-Billion Investment Plan**

By Darrell Proctor, Power Mag, Sep 29, 2025

[https://www.powermag.com/pge-will-upgrade-infrastructure-as-part-of-5-year-73-billion-investment-plan/?utm\\_source=omeda&utm\\_medium=email&utm\\_campaign=pwrnews+eletter&oly\\_enc\\_id=7809H6412578J0B](https://www.powermag.com/pge-will-upgrade-infrastructure-as-part-of-5-year-73-billion-investment-plan/?utm_source=omeda&utm_medium=email&utm_campaign=pwrnews+eletter&oly_enc_id=7809H6412578J0B)

## **Duke Energy Plan Includes New Gas-Fired Plants, Nuclear Additions, Delayed Coal Retirements**

By Darrell Proctor, Power Mag, Oct 2, 2025

[https://www.powermag.com/duke-energy-plan-includes-new-gas-fired-plants-nuclear-additions-delayed-coal-retirements/?utm\\_source=omeda&utm\\_medium=email&utm\\_campaign=pwrnews+eletter&oly\\_enc\\_id=7809H6412578J0B](https://www.powermag.com/duke-energy-plan-includes-new-gas-fired-plants-nuclear-additions-delayed-coal-retirements/?utm_source=omeda&utm_medium=email&utm_campaign=pwrnews+eletter&oly_enc_id=7809H6412578J0B)

Link to: **Carolinas Resource Plan**

Powering the Carolinas in a Dynamic Energy Landscape

By Staff, Duke Energy, 2025

<https://www.duke-energy.com/our-company/about-us/irp-carolinas>

## **EXCLUSIVE: Big Tech’s ‘Misleading’ Green Energy Claims May Plunge Nation Into Blackouts, AGs Warn**

By Audrey Streb, Daily Caller, Sep 24, 2025 [H/t Bernie Kepshire]

<https://dailycaller.com/2025/09/24/exclusive-big-techs-misleading-green-energy-claims-may-plunge-nation-into-blackouts-ags-warn/>

## **All of the Above Energy or Best of the Above: Conservatives’ Way Forward**

By Stephen Perkins, Real Clear Energy, Sep 29, 2025

[https://www.realclearenergy.org/articles/2025/09/29/all\\_of\\_the\\_above\\_energy\\_or\\_best\\_of\\_the\\_above\\_conservatives\\_way\\_forward\\_1137846.html](https://www.realclearenergy.org/articles/2025/09/29/all_of_the_above_energy_or_best_of_the_above_conservatives_way_forward_1137846.html)

*[SEPP Comment: In developed countries, there is no justification for unreliable energy on the grid.]*

## ***Washington’s Control of Energy***

### **To Permanently Unleash our Federal Lands, Congress Must Reform the Antiquities Act**

By William Rampe, Real Clear Energy, Sep 30, 2025

[https://www.realclearenergy.org/articles/2025/09/30/to\\_permanently\\_unleash\\_our\\_federal\\_land\\_congress\\_must\\_reform\\_the\\_antiquities\\_act\\_1138134.html](https://www.realclearenergy.org/articles/2025/09/30/to_permanently_unleash_our_federal_land_congress_must_reform_the_antiquities_act_1138134.html)

The [1906] Antiquities Act was established with the intention of closing off small areas of historic or scientific interest in the West from desecration and looting; however, presidents have continuously gone beyond its “**smallest area compatible** with proper care and management of the objects to be protected” requirement to close off federal lands with the intention of foreclosing commercial activity. [Boldface added]

*[SEPP Comment: Under Clinton, Obama, and Biden, the “smallest area compatible” were over a million acres.]*

## **Trump Admin Moves To Demolish Biden-Era Coal Crackdown**

By Audrey Streb, Daily Caller, Sep 29, 2025

<https://dailycaller.com/2025/09/29/trump-admin-moves-to-demolish-biden-era-coal-crackdown/>

## ***Nuclear Energy and Fears***

### **Bill Gates: ‘The Future of Energy Is Subatomic’**

By Bill Gates, Power Mag, Oct 2, 2025

[https://www.powermag.com/blog/bill-gates-the-future-of-energy-is-subatomic/?utm\\_source=omeda&utm\\_medium=email&utm\\_campaign=pwrnews+eletter&oly\\_e\\_nc\\_id=7809H6412578JOB](https://www.powermag.com/blog/bill-gates-the-future-of-energy-is-subatomic/?utm_source=omeda&utm_medium=email&utm_campaign=pwrnews+eletter&oly_e_nc_id=7809H6412578JOB)

Both fission and fusion are fundamental technologies for humanity to power everything we do. We’re on the cusp of massive breakthroughs, and it’s clearer now than even before: The future of energy is subatomic.

## ***Alternative, Green (“Clean”) Solar and Wind***

### **Place Your Bet On The Future Of Energy: U.S. Or China**

By Francis Menton, Manhattan Contrarian, Sep 28, 2025

<https://www.manhattancontrarian.com/blog/2025-9-28-place-your-bet-on-the-future-of-energy-us-or-china>

It’s mind-boggling! The [Wall Street] Journal provides the following chart (sourced to Bloomberg/NEF) of market shares of various green energy components to illustrate how completely dominant China has become:

Wow! There’s not one of those critical components where China’s 2024 market share was less than about 65%. And for some of them, like solar wafers and battery anodes, the market share was more like 95%.

## **China doesn't hit us, honest**

By John Robson, Climate Discussion Nexus, Oct 1, 2025

<https://climatediscussionnexus.com/2025/10/01/china-doesnt-hit-us-honest/>

Oh darn. Evidently the Chinese companies:

“were engaged in such ruthless price competition that (in producing more and more cheaper and cheaper solar panels, for instance) few of them were able to profit. In the United States, we’ve tended to refer to this phenomenon as overcapacity.”

## **Whale shmale**

By John Robson, Climate Discussion Nexus, Oct 1, 2025

<https://climatediscussionnexus.com/2025/10/01/whale-shmale/>

Once upon a time liberals wanted to “Save the whales” to the point of cliché. Now we’d say their attitude appears to be “If you’ve seen one whale, you’ve seen them all.” But Clare Fieseler appears not to have seen any, heard any or spoken of any. And thanks to wind power, it may soon literally be true that the critically endangered North Atlantic Right Whale will be down to its last member, while offshore wind towers swarm from Maine to Florida.

## **The Cost Of Davey**

By Paul Homewood, Not a Lot of People Know That, Sep 26, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/09/26/the-cost-of-davey/>

Offshore wind facility

### **Feds deaf to eagle-kill warning**

By David Wojick, CFACT, Sep 29, 2025

<https://www.cfact.org/2025/09/29/feds-deaf-to-eagle-kill-warning/>

Land-based wind turbines kill golden eagles, so every turbine requires an Eagle Protection Act permit from the U.S. Fish and Wildlife Service (FWS) to kill them.

### ***Alternative, Green (“Clean”) Energy -- Storage***

#### **Australia’s Big Battery Snowy 2 Pumped-Hydro Scheme Suffers Another Cost Blowout**

By Eric Worrall, WUWT, Oct 3, 2025

<https://wattsupwiththat.com/2025/10/03/australias-big-battery-snowy-2-pumped-hydro-scheme-suffers-another-cost-blowout/>

*[SEPP Comment: The 27 km (17 mi) link of two existing reservoirs plus addition of turbines to generate electricity was first budgeted at \$2 billion and is now approaching \$13 billion. The source of the electricity to fill the upper reservoir is not clear but will presumably be by wind and solar power.]*

### ***Alternative, Green (“Clean”) Vehicles***

#### **Major incident declared after [EV] car transporter fire**

By Paul Homewood, Not a Lot of People Know That, Oct 1, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/10/01/major-incident-declared-after-car-transporter-fire/>

### ***Carbon Schemes***

#### **Billions Spent, Atmosphere Doesn’t Notice**

By Willis Eschenbach, WUWT, Sep 27, 2025

<https://wattsupwiththat.com/2025/09/27/billions-spent-atmosphere-doesnt-notice/>

Picture this: The UK government throws £21.7 billion with a B (which happens to be nearly \$29.3 billion Yankee bucks) into two grand, green steel-and-concrete machines in Teesside and Merseyside. These beauties, when (if) they fire up in 2028, will snatch up to 8.5 million tonnes of CO<sub>2</sub> out of the slipstream every year. This is called “CCS”, for Carbon Capture and Storage. Oh, and did I mention that they’re pumping the CO<sub>2</sub> offshore and injecting it underground? The CO<sub>2</sub> will be injected into the Endurance saline aquifer, a geological formation under the North Sea around 1,300–1,500 meters below the seabed ... and they say there’s a “99.9% chance” that this method will actually work. And they know that because their whiz-bang computer models say so, so shut up and go along with the plan.

### ***California Dreaming***

#### **Newsom’s Concessions to Oil Industry Will Not Save It**

By Edward Ring, What’s Current, Accessed, Oct 2, 2025

<https://mailchi.mp/calpolicycenter/whats-current-issue-7860810?e=cd9fa89d1e>

Governor Newsom and the state legislature need to seriously confront the problems their governance has sown before these problems explode into an energy crisis that will make 1973 look like a picnic. SB 237 is a very, very small step in the right direction at most. More likely, it is merely a gesture.

## **California: “Carbon-Free” by 2045**

By David Middleton, WUWT, Oct 1, 2025

<https://wattsupwiththat.com/2025/10/01/california-carbon-free-by-2045/>

## ***Health, Energy, and Climate***

### **Heavy Metals Are Poisons, Right? Not Necessarily**

By Josh Bloom, ACSH, Sep 29, 2025

<https://www.acsh.org/news/2025/09/29/heavy-metals-are-poisons-right-not-necessarily-49744>

## ***Environmental Industry***

### **Funding for green groups soared after 2009 endangerment finding, nonprofit finds**

Fed grants to organizations increased from \$350 million in 2009 to nearly \$1.4 billion in 2023, analysis finds.

By Brett Rowland, Just the News, Sep 14, 2025 [H/t Bernie Kepshire]

<https://justthenews.com/nation/states/center-square/exclusive-funding-green-groups-soared-after-2009-endangerment-finding>

### **NRDC in Climate Denial (forced smiles at ‘Climate Week’)**

By Robert Bradley Jr., Master Resource, Oct 2, 2025

<https://www.masterresource.org/epstein-alex/nrdc-in-denial/>

But the narrative and jobs of the Climate Industrial Complex, thousands of rent-seekers and grifters strong, must keep their Deep Ecology faith. Manish Bapna, President and CEO of the Natural Resources Defense Council (NRDC), wrote on social media:

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## **BELOW THE BOTTOM LINE**

### **Hypocrite of the Week**

By John Robson, Climate Discussion Nexus, Oct 1, 2025

<https://climatediscussionnexus.com/2025/10/01/hypocrite-of-the-week/>

Today’s hypocrite of the week is “Carbon Carney”, Canada’s net-zero-fanatic PM who has flown across the Atlantic and to and fro above the Earth repeatedly since assuming office back in March. Almost his first act was to zoom off to France and Britain and he’s since been to Europe at least three times. He was also just in New York, with barely time to unpack from a jaunt to Mexico, and then blasted off to the UK to say all the same stuff again to essentially the same people. Of course it’s always accompanied by high-flown gooblahoy like “Prime Minister Carney to strengthen partnerships and build new opportunities for Canadian workers on visit to the United Kingdom” or, if you like that sort of thing, from New York “Prime Minister Carney meets with President of Kenya William Ruto” or “President of the Transitional Presidential Council of Haiti Laurent Saint-Cyr”.

### **Study finds wildfire smoke reduces sperm quality**

By Aimee Plante, The Hill, Oct 2, 2025

<https://thehill.com/policy/energy-environment/5534713-wildfire-smoke-sperm-study/>

Link to press release: **Wildfire smoke linked to declines in sperm quality**

Wildfires don't just cloud the skies, they may also affect fertility, a new study suggests.

University of Washington, Medicine, Oct 1, 2025

<https://newsroom.uw.edu/news-releases/wildfire-smoke-linked-to-declines-in-sperm-quality>

Link to paper: **Wildfire smoke exposure is associated with decreased sperm concentration and total motile sperm count**

By Lillian X. Lindell, MD, et al., Fertility and Sterility, Oct 1, 2025

<https://www.sciencedirect.com/science/article/abs/pii/S0015028225018552?dgcid=author>

[SEPP Comment: *Stay away from campfires, boys.*]

**Starmer Blames Illegal Migration On Climate Change**

By Paul Homewood, Not a Lot of People Know That, Oct 1, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/10/01/starmer-blames-illegal-migration-on-climate-change/>

[SEPP Comment: *One of a collection of claimed causes.*]

**Ratmageddon!**

By Paul Homewood, Not a Lot of People Know That, Sep 28, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/09/27/ratmageddon/>

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## ARTICLES

### 1. Why Your Electric Bill Keeps Rising

Don't blame AI or Trump. The real problem is rules that make it difficult to keep up with demand.

By Mario Loyola, WSJ, Sept. 29, 2025

[https://www.wsj.com/opinion/why-your-electric-bill-keeps-rising-91661789?mod=opinion\\_lead\\_pos5](https://www.wsj.com/opinion/why-your-electric-bill-keeps-rising-91661789?mod=opinion_lead_pos5)

TWTW Summary: The energy analyst, now a professor at Florida International University, writes:

*“Electricity rates are climbing across the U.S. Many blame the boom in artificial-intelligence data centers for driving electricity demand, which could increase 25% by 2030. Soaring demand ought to be good news—it signals a flourishing economy. In an efficient market, it would trigger a construction boom in reliable and affordable power sources. But it hasn't because of artificial constraints on generation capacity.*

*The green-energy lobby points to the massive deployment of subsidized solar capacity in recent years, arguing that renewables have been able to handle rising data-center demand in places like Texas.*

*But that model isn't scalable. Grid operators must back up intermittent wind and solar with dispatchable sources that they can dial up and down. Utility batteries also have limitations: Most last only a few hours before they have to be recharged. To meet demand, the U.S. would need*

*massive new dispatchable power generation—coal, natural gas and nuclear—that could run as long as needed. But the U.S. retired almost 10 gigawatts worth of such plants in 2024, enough to power up to 7.5 million homes.*

*The vast deployment of subsidized solar and wind in America's power sector today imposes hidden costs and undermines investment in reliable power sources.*

*The Inflation Reduction Act's subsidies force dispatchable power sources offline intermittently, making it nearly impossible for them to recoup costs. As a result, most new energy project proposals in the U.S. are now solar, even though grid operators are already struggling with the solar they have. The One Big Beautiful Bill Act trims green-energy subsidies after 2028, but until then they will remain, entrenching a powerful renewables lobby. The Obama-Biden war on fossil-fuel power, especially coal plants, has combined with renewable subsidies to poison the investment horizon for the power sources we most urgently need.*

*State renewable-portfolio standards, which require utilities to get a certain minimum percentage of their electricity from renewables by a specific date, are another self-inflicted wound. Electricity costs nearly three times as much in states with the strictest renewable-portfolio standards as in those with none.*

*Subsidies and mandates on renewables are especially harmful to multistate grid operators, which generally have to buy power in bulk from the lowest bidder regardless of reliability. Subsidies allow solar and wind to undercut competitors, leading to a massive misallocation of investment capital. The result is a grid with mounting reliability and cost pressures.*

*Another obstacle is America's stifling system of permitting and environmental review. U.S. infrastructure generally takes longer and costs more to build than in other industrial economies. Red tape means years of delay, billions in added costs, and a grid that takes longer to respond to new demand compared with other countries.*

*In the long run, nuclear power is the clear solution to meet increasing demand. Nuclear plants are expensive to build but cheap to operate and could be the backbone of a grid that offers low-cost electricity with low carbon emissions. But nuclear plants are virtually impossible to permit because of regulations that seek to reduce risk well past the point of diminishing returns.*

*Some argue that what is holding back construction of new natural-gas plants is a market failure: a backlog in the manufacturing of natural-gas-fired turbines, with wait times now extending for three or more years. But that, too, is largely the result of bad regulations, such as President Biden's power-plant rule, which targeted natural-gas plants. A more favorable environment for fossil-fuel power under President Trump is already alleviating the bottleneck. Mitsubishi recently announced plans to double turbine production in the next two years.*

*Ominously, PJM, the largest power grid operator in the U.S., recently proposed to meet surging demand by rationing electricity supply. Large data centers seeking connection to the grid would have to pay premium capacity prices or agree to shut down during peak demand hours, while priority would be given to those that build their own power plants. These measures would*

*privilege companies that can afford to build their own plants over smaller cloud providers. This kind of energy rationing will aggravate shortages. The proposal was withdrawn amid fierce opposition. That it was proposed at all shows what dire straits PJM is in.*

*Demand from AI isn't the problem—artificially constrained supply is. It's a problem that China, America's great AI competitor, doesn't have. China is also experiencing an AI data-center boom, but its electricity is getting cheaper. While overregulation shuts down badly needed coal plants in the U.S., China is building them as fast it can. Last year it broke ground on almost 100 gigawatts of coal capacity, enough to power more than half the homes in America.”*

Mr. Loyola concludes that freeing the US electricity market from subsidies, undue regulations, and red tape will result in the cheapest and most reliable electricity in the world.

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