

Episode 57DHL May 11 2025 Focus on Energy Heat Pump Rebates Program threatened by Trump

In Episode 57DHL 1 RAWSEP View 2A Wisconsin Public Radio WPR and the Public Broadcasting Service PBS in Wisconsin sustain Wisconsin democracy 2B Wisconsin The president is a menace Why did so many of us forget that? 3 Headlines 31A What is the Cost to Society of Pollution? Trump Says Zero 31B As the Trump Administration Seeks to Shut Down the Energy Star Program Industry Groups Call to Save It 31C New York is home to four of the largest bitcoin mines in the country which consume huge quantities of electric power and water to cool their server farms emit loud humming noises around the clock and flood the atmosphere with copious greenhouse gases and pollutants In many cases they are also driving nearby residents crazy 32B World Researchers Say They Will Resist Attacks on Science and Support Beleaguered U S Colleagues 32C Trump health cuts create real danger around disease outbreaks workers warn 34A Massachusetts Factorial Energy and Germany Mercedes Benz A Decade Long Search for a Battery That Can End the Gasoline Era 4 Headlines Main Content

1 RAWSEP View This episode begins with Wisconsin since the editor of RAWSEP lives in Madison Wisconsin and what happens in Wisconsin is happening instigated by the whims of Trump in all states across the United States in the era of Trump two point zero The editor of RAWSEP also collects PurpleAir PM two point five data monthly for the approximately one hundred ten PurpleAir PM two point five monitors in Wisconsin and publishes that monthly average PM two point five data around the first of the month every month as a template that other states could follow to inform the general public of where there is indoor residential wood burning emissions that enter the yards of near neighbors and sicken them or where there are other solid fuel burning emissions such as emissions from wood burning power plants or other PM two point five emissions that have the potential to sicken near neighbors The main purpose of these videos are to stop air pollution from indoor residential wood burning one indoor residential wood burning appliance at a time if necessary using the air pollution standard of the World Health Organization of 5 micrograms per cubic meter of PM two point five as an indication of the level of pollution that begins to sicken near neighbors of an indoor residential wood burner The most recent PM two point five monitors in Wisconsin may be the Love My Air PurpleAir monitors installed in the Milwaukee Area near or at public schools These monitors because they are at or near public schools are probably not very relevantly hyper localized to residential areas where indoor residential wood burning is taking place so like traditional Environmental Protection Agency PM two point five monitors which cost tens of thousands of dollars these equally informative low cost under three hundred dollar PurpleAir PM two point five monitors may not catch the air pollution emission levels that in reality are sickening near neighbors of indoor residential wood burners in predominantly residential areas in Wisconsin

What is happening instigated by the whims of Trump in Wisconsin? Trump is threatening to directly cut ten percent of funds to all state public television and state public radio and by directing the Corporation for Public Broadcasting CPB to cease federal funding for National Public Radio NPR and the Public Broadcasting Service PBS to the maximum extent allowed by law The Trump administration has also threatened the Governor Tony Evers with arrest Last week Tom Homan The Trump thuggish border czar threatened to arrest Gov Tony Evers after he instructed state employees confronted by federal immigration officials to consult with lawyers before turning over documents or other information I am not afraid said a defiant Evers with a characteristic lack of bombast I have never once been discouraged from doing the right thing and I will not start today



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To all who sent prayers, love, and hope as I begin this sacred journey — thank you.  
I accept this role not as a throne, but as a vow:  
To serve the forgotten,  
To uplift the broken,  
To speak plainly where others stay silent.  
To be called “woke” in a world that sleeps through suffering is no insult — it is Gospel.  
Woke means awakened by compassion.  
Guided by truth.  
Humbled by grace.  
Committed to justice — not just for some, but for all.  
So let them mock.  
Let them sneer.  
We will still build the Kingdom — not with walls, but with love.  
Be awake. Be loving. Be woke.

— Pope Leo XIV

Progressive Christian Alliance  
May 9 at 9:07 AM · 🌐

Pope Leo XIV

Most relevant to the aims of RAWSEP to fight for clean air generally As Trump Seeks to Shut Down the Energy Star Program Industry Groups Call to Save It This story about the Energy Star Program comes from Inside Climate News Heat Pump Rebates among many other services to the consumer in Wisconsin are threatened by this whim of Trump Heat Pumps are the most relevant clean energy alternative to using wood burning for home heating in Wisconsin and the many other United States that offer Heat Pump Rebates because these Rebates make Heat Pump Technology available to low and middle income people at the lowest possible cost Monthly electric bills are lowered immediately after installation of energy efficient Heat Pumps which run on electricity not air polluting solid fuels nor air polluting liquid fuels nor air polluting natural gas Wood burning emits 2 point 8 times the PM two point five and Carbon Dioxide CO2 as coal burning and Wood burning emits 450 times the PM two point five as natural gas burning

What topics would not be problems without the whims of Trump two point zero? 1 Extreme unchecked air pollution threatened as a new problem under Trump two point zero Look at the headlines today 1A Trump Air Pollution Threat What is the Cost to Society of Pollution Trump Says Zero The New York Times 1B Air Pollution Mitigation Heat Pump Rebates Threatened As Trump Administration Seeks to Shut Down Energy Star Program Industry Groups Call to Save It Inside Climate News 1C New York Bitcoin Miners Are Buying Up Power Plants—and Communities Are Fighting Back Inside Climate News 1D Denmark Want to know how the world really ends Look to TV show Families Like Ours John Harris The Guardian 2 The Trump threat of COVID 19 Measles Whooping Cough and other diseases preventable with vaccines coming back as pandemics because of anti vaccine policies of Kennedy Junior under the direction of Trump and more generally the cuts to funding of science and medicine Look at the headlines 2A COVID 19 vaccine and mask mandates The Class Is a Poignant Docuseries About Covid and College The New York Times 2B World Researchers Say They Will Resist Attacks on Science and Support Beleaguered U S Colleagues Inside Climate News 2C COVID 19 threat Trump health cuts create real danger around disease outbreaks workers warn The Guardian 2D Virginia Governor Youngkin Vetoes Clean Energy Bills That Garnered Support From Dominion Environmental Groups Inside Climate News

3 The Trump threat of mass firing and MAGA hirings to the livelihoods and health and safety of average Americans Look at the headlines today 3A United States Trump Firings Judge orders White House to temporarily halt sweeping government layoffs Trump administration The Guardian 3B Trump Hires latest Fox News hire looks even worse than Pete Hegseth Margaret Sullivan The Guardian The hire is Jeanne Pirro

4 Some headlines are more positive and explain that science technology and medicine are producing some solutions to slow climate change and or mitigate air pollution Look at the headlines today 4A Air Pollution Mitigation A Decade Long Search for a Battery That Can End the Gasoline Era The New York Times 4B World Researchers Say They Will Resist Attacks on Science and Support Beleaguered U S Colleagues Inside Climate News

5 European Leaders meet in Ukraine to support Zelensky and try to find a peaceful fair end to the Russian aggression in Ukraine while Trump administration meets with China over Trump Tariffs Look at the headlines today 5A European Leaders Visit Ukraine and Press Russia for a 30 Day Cease Fire The New



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York Times 5B Europe and Ukraine Four European Leaders Arrive in Ukraine in First Joint Visit The New York Times  
5C China U S and China Will Meet for Second Day of Trade Talks The New York Times

6 United States Citizens who fled to the United Kingdom are profiled today 6A United Kingdom and United States Emigres We are in the Hamptons of England Trump sends wealthy Americans fleeing to the Cotswold area Real estate The Guardian

7 Hopefully Trump Tariffs will be cut off by a sane Senate vote in the near future before they inflict their full negative effect on the United States economy Look at the headlines today 7A Trump Tariffs Attacking The Trump Tariffs Democrats Focus on Small Business Struggles The New York Times 7B Trump Tariffs U S Starts Investigation Into Imported Planes and Parts The New York Times 7C United Kingdom and Trump Tariffs How Singalong Starmer got his deal ... and a bit part in Trump the Musical Marina Hyde The Guardian 7D Trump Miscellaneous The art of dealing with Trump Do not fight him alone Jonathan Freedland The Guardian

8 Because the new Pope Leo the fourteenth appears to share some democratic liberal ideals that the Democratic Party holds although he has a history of voting in Republican primaries Look at the headline 8A Italy This American pope the Leo XIV bloodline reflects the US melting pot US news The Guardian

2A Wisconsin Public Radio WPR and the Public Broadcasting Service PBS in Wisconsin sustain Wisconsin democracy RAWSEP View Things have come to a terrible pass when it is necessary to defend public television and radio against funding cuts but this fact of what Trump is trying to do needs to be publicized RAWSEP View The public media shows on science and medicine alone justify continued public funding of these educational programs which reach all income groups Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization The Capital Times May 7 2025 Wisconsin Public Radio existed for more than 100 years PBS Wisconsin Television has been essential for 70 years Now they face the threat of devastating cuts in federal support for public media Trump and his allies in Congress are angling to defund the Corporation for Public Broadcasting CPB which currently provides roughly 10% of the budget for WPR and PBS Wisconsin The Trump executive order last week directing the CPB to cease federal funding for NPR and PBS to the maximum extent allowed by law represents a direct assault on the free flow of information and robust debate about ideas that serve as a bulwark for democracy If the president and his allies succeed in defunding WPR and PBS Wisconsin they will move the country another step toward the lockstep oligarchy that privileges economic and political elites while disempowering the great mass of working class Wisconsinites The Heritage Foundation Project 2025 outline for how a Republican White House would deliver politically for the right and its corporate donors declared last year that all Republican Presidents have recognized that public funding of domestic broadcasts is a mistake The Republican Project 2025 agenda explains that stopping public funding is good politics The reason is simple President Lyndon Johnson may have pledged in 1967 that public broadcasting would become a vital public resource to enrich our homes educate our families and to provide assistance to our classrooms but public broadcasting immediately became a liberal forum for public affairs and journalism It is vital that even in this divided moment bipartisan support from the Wisconsin congressional delegation for public media and for democracy continues



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**SPECIAL AIR QUALITY STATEMENT**

The Weather Centre of Manitoba  
May 8 at 10:10 AM · 🌐

**\*\*NEW\*\***

SPECIAL AIR QUALITY STATEMENT IN EFFECT FOR:  
Flin Flon - Cranberry Portage - and Grass River Prov. Park  
The Pas - Cormorant - Westray and Wanless

--Smoke is causing or expected to cause poor air quality and reduced visibility.--

Poor air quality will occur at times due to the smoke plume from a wildfire burning west-northwest of The Pas.

As smoke levels increase, health risks increase. Limit time outdoors. Consider reducing or rescheduling outdoor sports, activities and events.

2B Wisconsin The president is a menace Why did so many of us forget that? [RAWSEP View](#) Last week Tony Evers the Wisconsin Governor was threatened with arrest by the Trump administration [Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization](#) Capital Times Opinion Editor For a lot of us it is no big secret that Trump is not well and not normal But the barrage of outrages coming out of the White House and the resulting global upheaval have distracted us from the unnerving fact that our president is a nut case Americans are used to Trump bragging his cruel and disrespectful remarks and his passion for vengeance against those who have opposed him His paranoid fixation on how he thinks that he has been wronged his projection of his own faults onto others and his focus on getting even with those he thinks have opposed him should make all of us pause and come to grips with what we are witnessing in Trump Before he conned voters into letting him loose on the world in 2024 even after witnessing his first miserable term there was an ad in the New York Times featuring a letter from 233 mental health professionals about the abnormal mental health of Trump Now we are stuck with a president who seems to think it is patriotic to plunder America in the service of himself and the tight group of powerful billionaires who have kissed his ring That coterie of unscrupulous sycophants does not include public media an invaluable and highly respected institution that Trump wants to kill If the president and his allies succeed in defunding WPR and PBS Wisconsin they will move the country another step toward the lockstep oligarchy that privileges economic and political elites while disempowering the great mass of working class Wisconsinites At least in Wisconsin we have a governor who is standing up to the insanity Can you imagine the mayhem we would be living through if former Wisconsin Governor Scott Walker were there to team up with the Republican mental midgets who run the Wisconsin Legislature to inflict the Trump agenda on Wisconsin? Last week Tom Homan the Trump thuggish border czar threatened to arrest Wisconsin Democratic Governor Tony Evers after Evers instructed state employees confronted by federal immigration officials to consult with lawyers before turning over documents I am not afraid said a defiant Evers with a characteristic lack of bombast I have never once been discouraged from doing the right thing and I will not start today

31A Index [Trump Air Pollution Threat What is the Cost to Society of Pollution Trump Says Zero The New York Times](#) [31B Air Pollution Mitigation Heat Pump Rebates Threatened As Trump Administration Seeks to Shut Down Energy Star Program Industry Groups Call to Save It Inside Climate News](#) [31C New York Bitcoin Miners Are Buying Up Power Plants—and Communities Are Fighting Back Inside Climate News](#) [31D Denmark Want to know how the world really ends Look to TV show Families Like Ours John Harris The Guardian](#)

31A What is the Cost to Society of Pollution? Trump Says Zero The Trump administration has directed agencies to stop estimating the economic impact of climate change when developing policies and regulations [Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization](#) The New York Times May 10 2025 The White House has ordered federal agencies to stop considering the economic damage caused by climate change when writing regulations except in cases where it is plainly required by law The directive effectively shelves a powerful tool that has been used for more than two decades by the federal government to weigh the costs and benefits of a particular policy or regulation The Biden administration had used the tool to strengthen limits on greenhouse gas emissions from cars power plants factories and



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<https://medium.com/.../a-comment-from-a-wood-burning...>

## Has wood burning pollution really reduced in the UK?

MEDIUM.COM  
Has wood burning pollution really reduced in the UK?  
A comment from a wood burning stove installer on twitter.

oil refineries Known as the social cost of carbon the metric reflects the estimated damage from global warming including wildfires floods and droughts It affixes a cost to the economy from one ton of carbon dioxide pollution the main greenhouse gas that is heating the planet It remains unclear whether environmental groups will sue the administration for not considering the social cost of carbon But analysts said the approval of projects like pipelines or power plants would most likely face legal challenges on the grounds that the administration was failing to take climate change into account

31B As the Trump Administration Seeks to Shut Down the Energy Star Program Industry Groups Call to Save It Despite having industry support and saving consumers half a trillion dollars over the decades the program could be eliminated imminently Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization Inside Climate News May 8 2025 It is a voluntary program launched during a Republican administration endorsed by manufacturers and well recognized by U S consumers who have saved an estimated \$500 billion over the past 33 years guided by its familiar blue label But Trump has decided the Energy Star program has got to go CNN and The Washington Post first reported the plan to eliminate the program that certifies the most energy efficient appliances and buildings with the Energy Star label Knowledgeable sources have confirmed that Environmental Protection Agency staffers learned the details at an internal meeting this week The engine of the Energy Star program is the willing participation of businesses to participate in it Consumers taxpayers and businesses are what make the Energy Star program real by using the information it provides It is doubtful that a non government efficiency labeling program would have the consumer trust Energy Star has built A 2022 survey showed the Energy Star brand is recognized and understood in 90 percent of U S households

31C New York is home to four of the largest bitcoin mines in the country which consume huge quantities of electric power and water to cool their server farms emit loud humming noises around the clock and flood the atmosphere with copious greenhouse gases and pollutants Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization Inside Climate News May 2025 In many cases they are also driving nearby residents crazy I am probably within a mile and a half of the facility and I can hear it said a sociology professor at Canisius University in Buffalo who lives close to a bitcoin mine near the New York border with Canada It is a low hum Bitcoin the largest and best known cryptocurrency is managed by a decentralized network of bitcoin users A network algorithm assigns each transaction a unique random identifying code which bitcoin mines derive by operating powerful computers day and night running an endless series of random numbers to break those codes Once a correct code is reached confirming a transaction which happens on average across the network every 10 minutes a bitcoin miner receives 3 point 125 newly minted bitcoins each worth around \$95000 which is the fee for helping maintain the network and keep it secure The energy use for these operations is very high which means the price of electricity governs where these mines are located Some bitcoin miners are attracted to New York for its cheap electricity Many Northern New York towns that border Canada have low rates due to abundant hydropower But others are enticed by the New York decommissioned or low use power plants which they buy and connect to their computers often running those power plants all day every day Two different bitcoin mines have set up their operations in small Northwestern New York towns and bought local Peaker gas plants power plants that only operate during times of peak demand When miners



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Beaver County Marcellus Awareness Community - BCMAC  
May 7 at 6:01 AM · 🌐  
Dr. Lau has spent decades tracking pollution—and now he's passing that knowledge on. Through Project SPOTlight, our #EyesonPollution team is learning how to monitor air quality from one of the best. Want to join the next generation of watchdogs? Get involved: <https://docs.google.com/.../1FAIpQLSfuWPHUu10JM.../viewform>

bought these plants they drastically increased operations at the gas plants ultimately increasing greenhouse gas emissions. These mines are made up of hundreds of computers and they all run hot. Numerous large fans are used to cool down the servers which are often very loud for local residents. Cold freshwater is also used to cool the computers. The water consumption of bitcoin mines is understudied but concerning to many experts. In these small New York communities the resistance to these bitcoin mines has been stark and wide ranging employing multiple different levers in local and state governance. Crypto mines exploit all of the distributed impacts in a way that has made it really hard to regulate and hard for communities to understand said a deputy managing attorney with Earthjustice that has fought the sale of these power plants to bitcoin miners in court. An Energy Intensive Operation. The amount of energy that bitcoin mines or more broadly cryptocurrency mines use is relatively obscured. In early 2024 under former President Biden the Energy Information Administration EIA was directed to collect data from 130 identified commercial cryptocurrency miners operating in the U.S. but the survey is still ongoing. As of last year the EIA puts the cryptocurrency energy usage at anywhere between 0 point 6 percent to 2 point 3 percent of U.S. electricity consumption. In New York the energy for bitcoin mining usually comes from either the electric grid operated by the New York Independent System Operator or a power plant that the miners own. Greenidge Generation a power plant off the coast of Seneca Lake near Dresden New York was initially a coal fired plant but had been operating as a gas Peaker plant since 2017 after it was acquired by Atlas Holdings LLC in 2014. In March 2020 a bitcoin mine adjacent to the power plant began operations. The Greenidge facility actually became the test case for how 49 other underutilized or decommissioned power plants across the state could turn to bitcoin or cryptocurrency mining and be resurrected said a woman who lives next to Seneca Lake and is the vice president of Seneca Lake Guardian an organization that works to preserve the Finger Lakes. Today the mines in North Tonawanda and Dresden are still operating and so are their polluting power plants. The burden of proof still comes down to the people we are still in charge of proving that there is not a risk said the Canisius professor. Agencies assume that it is safe until they see an accident or see devastation in terms of our power grid or wastewater or noise violations.

32A Index [COVID 19 vaccine and mask mandates](#). [The Class Is a Poignant Docuseries About Covid and College](#). [The New York Times](#). [32B World Researchers Say They Will Resist Attacks on Science and Support Beleaguered U.S. Colleagues](#). [Inside Climate News](#). [32C COVID 19 threat Trump health cuts create real danger around disease outbreaks outbreaks workers warn](#). [Trump administration](#). [The Guardian](#). [32D Virginia Governor Youngkin Vetoes Clean Energy Bills That Garnered Support From Dominion Environmental Groups](#). [Inside Climate News](#).

32B In Austria World Researchers Say They Will Resist Attacks on Science and Support Beleaguered U.S. Colleagues. More than 800 American scientists attended the European Geosciences Union EGU conference in Austria to present new research on climate change pollution and other urgent environmental topics. [Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization](#). [Inside Climate News](#). May 6 2025. The global science community promised late last Friday that it would rally around American researchers and rise to meet a well documented wave of anti science propaganda and disinformation that is swamping global media and misguiding decision making around topics like global warming plastic pollution agriculture and pandemics. Leaders of the largest Earth science organizations



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And I thought farmers were supposed to be the stewards of nature, not the destroyers of it 🙄🙄



Stefan Dreher ▸ Fire & Biodiversity Western Australia (FaBWA)

May 9 at 3:38 AM · 🌐

Not Dbca, but a farmer burning off his last few trees 🙄

in the U S and Europe voiced those concerns at a Great Debate event during the European Geosciences Union EGU 25 annual conference which was attended by 18000 scientists from more than 130 countries The session was added in response to recent political shifts including the U S election organizers said Generally in the geosciences when we have a late breaking Great Debate it is because there has been a disaster somewhere like an earthquake or a tsunami EGU president Peter van der Beek said opening the session I think we can say that we are also organizing this great debate because of a disaster going on in this case the suppression of science Efforts to resist the many well known and potentially illegal cuts to science programs and to aid affected researchers in the U S are already underway several subsequent panelists said That starts with community solidarity personal and emotional support and potentially even financial help like a 500 million euro package of incentives to draw American scientists to Europe as reported by France 24 If you love freedom come and do research here French President Emanuel Macron said at a press conference in Paris Monday announcing the incentives The bustling EGU conference in Austria included a strong showing by more than 800 American scientists who presented cutting edge research in dozens of panels on how human caused warming is melting Worldwide ice and damaging the oceans atmosphere forests and fields Critically for the U S he added the AGU has partnered with the American Meteorological Society to maintain important climate research The two organizations will create a special collection for climate science studies related to the federal government national climate assessment which faces an uncertain future despite its congressional mandate We are stepping in to ensure that science continues certainly around this important topic of climate he said and making sure that the enterprise can be bolstered and remains as strong as necessary

32C South Carolina Trump health cuts create real danger around disease outbreaks workers warn Key programs are gutted leaving global populations vulnerable Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization The Guardian May 11 2025 Mass terminations and billions of dollars of cuts at the Department of Health and Human Services HHS have gutted key programs and created a real danger that disease outbreaks will be missed according to former workers Some Workers at the HHS now led by Kennedy Junior and in public health warned in interviews that chaotic flawed and sweeping reductions would have broad negative effects across the US and beyond While Trump is cutting the HHS workforce from 82000 to 62000 through firings and buyouts grant cuts by the so called department of government efficiency Doge of Musk have also had a stark impact on state governments and resulted in firings at state public health agencies At the South Carolina department of public health for example more than 70 staff were laid off in March due to funding cuts Disease surveillance is how we know when something unusual is happening with the health of people like when there are more food poisoning cases than usual or a virus starts spreading in a community an epidemiologist at the department whose role was eliminated said It is the system that lets us spot patterns find outbreaks early and respond before more people get sick When you lose public health staff you lose time you lose accuracy you lose responsiveness and ultimately that affects the health of people Without us outbreaks can fly under the radar and the response can be delayed or disorganized That is the real danger when these roles get cut It is invisible work until it is not You may not think about it day to day but it is protecting your drinking water your food the schools of your kids and your community A spokesperson for the South Carolina public health department declined to comment on specifics but noted employees hired through grants are temporary When funding for grants is no longer available their employment may end as happened



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## THE JOURNALS OF GERONTOLOGY® SERIES A

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Fine particulate matter is associated with lower executive functioning in middle-aged and older adults: Cardiometabolic disease as a mediator

with some temporary grant employees who were funded by these grants they said. In Washington the HHS has been cut harder by Doge than any other federal department. Hundreds of grants to state local and tribal governments as well as to research institutions have been eliminated worth over \$6 point 8 billion in unpaid obligations. The HHS receives about a quarter of all federal spending with the majority disbursed to states for health programs and services such as Medicare and Medicaid the insurance programs medical research and food and drug safety. The Trump budget proposal calls for cutting the HHS discretionary spending by 26 point 2% or \$33 point 3 billion. RFK Junior who has a history of promoting conspiracy theories and medical misinformation was nominated by Trump and approved by the Senate along party lines with Mitch McConnell the sole Republican dissenter. Following a reduction in force of 10000 employees on April 1 2025 Kennedy Jr claimed 20% of the firings were in error and that those workers would be reinstated though that has not happened. The National Treasury Employees Union has filed a grievance over how the firings were carried out including incorrect information on notices. They explained that on April 1 2025 they received a generic letter informing them of an intent of reduction in force. Hours later they were locked out of their government logins. We started emailing the management that was left trying to get clarification on what our status was. Nobody could give us an answer the worker said. On April 7 2025 they discovered through their paystub that they had been placed on administrative leave despite never receiving a notice. They did not receive an RIF notice until weeks later. This administration has gone out of their way to make it a living hell for all of its public servants.

33A Index [United States Trump Firings Judge orders White House to temporarily halt sweeping government layoffs Trump administration The Guardian](#) [33B Trump Hires latest Fox News hire looks even worse than Pete Hegseth Margaret Sullivan The Guardian](#) The hire is Jeanne Pirro

34A Index [Air Pollution Mitigation A Decade Long Search for a Battery That Can End the Gasoline Era The New York Times](#) [34B World Researchers Say They Will Resist Attacks on Science and Support Beleaguered U S Colleagues Inside Climate News](#)

34A Massachusetts Factorial Energy and Germany Mercedes Benz A Decade Long Search for a Battery That Can End the Gasoline Era Can a small Massachusetts start up perfect a battery that would make electric vehicles cheaper and more convenient than conventional cars? [Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization](#) The New York Times May 9 2025 On a frigid day in early January as she worked in her office in the Boston suburb of Billerica Mass Ms Siyu Huang received a two word text message Spinning wheels it said Attached was a short video clip showing a car on rollers in an indoor testing center To the untrained eye there was nothing remarkable in the video The car could have been getting its emissions tested at a Connecticut auto repair shop except it had no tailpipe But to Ms Huang the chief executive of Factorial Energy the video was a milestone in a quest that had already occupied a decade of her life Ms Huang her husband Alex Yu and their employees at Factorial had been working on a new kind of electric vehicle battery known as solid state that could turn the auto industry on its head in a few years if a daunting number of technical challenges could be overcome For Ms Huang and her company the battery had the potential to change the way consumers think about electric vehicles give the United States and Europe a leg up on China and help save the planet Factorial is one of dozens of companies trying to invent batteries that can charge faster go farther and make electric cars cheaper and more convenient than gasoline vehicles Transportation is the biggest source of man made greenhouse



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<https://physoc.onlinelibrary.wiley.com/.../10.../phy2.70368>

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Effects of chronic exposure to biomass pollutants on cardiorespiratory responses and the occurrence of exercise...

Exposure to charcoal biomass (CB) pollutants affects the cardiorespiratory system. We assessed cardiopulmonary responses (CPR) to exercise in charcoal producers (CPs) compared to farmers and evaluate...

gases and electric vehicles could be a potent weapon against climate change and urban air pollution. The video that landed in the phone of Ms Huang was from Uwe Keller the head of battery development at Mercedes Benz which had been supporting the Factorial research with money and expertise. The short clip of a Mercedes sedan at a research lab near Stuttgart Germany signaled that the company had installed the Factorial battery in a car and that it could actually make the wheels move. Many start ups have produced solid state battery prototypes. But no American or European carmaker has put one into a production vehicle and proved that the technology could survive the bumps vibrations and moisture of the streets. Or if any have they have kept it a secret. Mercedes employees escorted her to a garage in Sindelfingen Germany where the Mercedes automaker also has a large factory complex. Ms Huang had seen many photos of the car but she still felt a thrill when the garage doors opened. It felt like a long lost friend she said. Like Finally I see you! A Mercedes driver took her for a spin on the test track zooming down an asphalt straightaway then around a banked curve that Ms Huang said felt like a roller coaster. Inside the car there was no way to perceive the difference with the Factorial battery compared with a conventional one. But it is just so special because it is with our battery.

35A [European Leaders Visit Ukraine and Press Russia for a 30 Day Cease Fire](#) [The New York Times](#) 35B [Europe and Ukraine](#) [Four European Leaders Arrive in Ukraine in First Joint Visit](#) [The New York Times](#)

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37A [Trump Tariffs Attacking the Trump Tariffs Democrats Focus on Small Business Struggles](#) [The New York Times](#) [37B Trump Tariffs U.S. Starts Investigation Into Imported Planes and Parts](#) [The New York Times](#) [37C United Kingdom and Trump Tariffs](#) [How Singalong Starmer got his deal ... and a bit part in Trump the Musical](#) [Marina Hyde](#) [The Guardian](#) [37D Trump Miscellaneous](#) [The art of dealing with Trump](#) [Do not fight him alone](#) [Jonathan Freedland](#) [The Guardian](#)

4A [Headlines](#) [The New York Times](#) [May 11 2025](#) [COVID 19 vaccine and mask mandates](#) [The Class Is a Poignant Docuseries About Covid and College](#) [The New York Times](#) [COVID 19 vaccine and mask mandates](#) [As Trump and RFK Jr. Reach into the Lives of Parents Can Democrats Capitalize](#) [The New York Times](#) [United States](#) [25 Questions to Bring You Closer to Your Mom](#) [The New York Times](#) [Air Pollution Mitigation](#) [A Decade Long Search for a Battery That Can End the Gasoline Era](#) [The New York Times](#) [Trump Tariffs](#) [A Shipping Change Might Help Small Businesses if Not for The Trump Trade Wars](#) [The New York Times](#) [Trump Tariffs Attacking The Trump Tariffs Democrats Focus on Small Business Struggles](#) [The New York Times](#) [Trump Miscellaneous](#) [Can Trump Rename the Persian Gulf](#) [The New York Times](#) [New York](#) [Could Branding Herself as a Mom Governor Help Hochul Win Re election](#) [The New York Times](#) [European Leaders Visit Ukraine and Press Russia for a 30 Day Cease Fire](#) [The New York Times](#) [Europe and Ukraine](#) [Four European Leaders Arrive in Ukraine in First Joint Visit](#) [The New York Times](#) [Massachusetts and Trump threats to education](#) [How Dartmouth Has Avoided The Trump Retribution So Far](#) [The New York Times](#) [Italy](#) [How Front Pages Around the World Covered the Selection of Pope Leo XIV](#) [The New York Times](#) [Israel and Trump](#) [Once in Sync Trump and Netanyahu Now Show Signs of Division](#) [California Opinion](#) [Why Trump Is Fixated on Alcatraz](#) [The New York Times](#) [Italy Pope Leo the fourteenth](#) [The Mother Whose Catholic Faith Inspired the Future Pope](#) [The New York Times](#) [California](#) [The Tech Guys Are Fighting Literally](#) [The New York Times](#) [Trump Miscellaneous](#) [Greenland](#)



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His new living quarters will be in the Apostolic Palace. But Pope Leo XIV once lived in this modest house on the south side of Chicago. The price has now jumped. [Jamie Ketter Davis for The New York Times](#)

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