

Episode 57DGH April 8 2025 Senate could announce emergency and cancel Trump Tariffs by a vote

In Episode 57DGH 1 [RAWSEP View in brief](#) 2 United States [RAWSEP View](#) The Trump motivation for tariffs which raise costs and affect low income Americans more than the rich may be to get rid of income taxes which the rich wanted lowered if not eliminated [RAWSEP top excerpt](#) Seven Republican senators have now signed onto a bill that would limit The Trump ability to impose tariffs 3 United States [RAWSEP View](#) Senate could announce emergency and cancel Trump Tariffs by a vote This April 6 2025 article stated there had been a 5 trillion dollar loss in the stock market because of the Trump Tariffs [RAWSEP top excerpt](#) A second child has now died of measles in West Texas Both children were unvaccinated 4 California and Italy San Francisco Trane and Gradient Heat Pump manufacturers [RAWSEP View](#) Refrigerants that may leak are getting cleaner Heat Pumps may be seen with irony if Heat Pumps rely on greenhouse gases from refrigerants [that may leak accidentally](#) [RAWSEP interjection View](#) Highly polluting R 410A refrigerant is being replaced by R 32 or R454B and other less emitting refrigerants like propane possibly even including CO2 itself which is the cleanest refrigerant possibly available in 2025 This will have less air pollution impact [if there are leaks of any Heat Pump refrigerant during installation operation and disposal of Heat Pumps](#) [RAWSEP top Excerpt](#) [A common refrigerant called R 410A pumps inside Heat Pumps so they can warm and cool homes But that refrigerant is also liquid irony as it can escape as a greenhouse gas over 2000 times more powerful than carbon dioxide This is known as its global warming potential or how much energy a ton of the gas absorbs over a given amount of time compared to the same amount of CO2](#) 5 United States Heat Pump Rebates 6 California 7 Colorado 8 Montana 9 North Carolina 10 Pennsylvania 11 Canada 12A United Kingdom Calls to ban wood burning stoves based on false claims [RAWSEP View](#) The most relevant headline about indoor residential wood burning pollution in the United Kingdom should be that enforcement and shutting down of pollution after complaints is not happening It is true that the percentage of PM2.5 emitted by indoor residential wood burning in the United Kingdom is higher than the percentage of PM2.5 emitted by traffic in the United Kingdom This news article headline is untrue 12B United Kingdom Drax £10 Added To UK Energy Bills to Fund Wood Burning Giant Drax [RAWSEP View](#) The economic argument for stopping subsidies for Drax There is also an environmental reason to stop subsidizing Drax which is the air pollution from wood burning which is more than the air pollution from coal burning 12C United Kingdom Heat Pump Electric Bill Discount 13 Germany 14 China 15 Japan 16 PM2.5 and human health [17 Headlines New York Times April 8 2025](#) 18 United States and United Kingdom Comparison [RAWSEP View](#) Liz Truss was forced out of office in the UK for what Trump is doing now but the UK has a parliamentary government that is more flexible than the United States [RAWSEP Key Excerpt](#) The Trump tariffs had even less credibility among economists than those of Liz Truss and they seem disconnected from any strategy Trump has not articulated where we are going he said and it is hard to find anyone who is not a paid publicist for him who thinks this is a good idea From the article headline Is this the Liz Truss Moment for America? Ms Truss the prime minister of Britain for 44 days was forced out after her radical policies caused a market meltdown But there are some key differences with President Trump Liz Truss was forced out of office by her own Conservative Party in little more than six weeks the shortest tenure for a prime minister in British history [19 Headlines The Guardian April 8 2025](#) 20 Robert F Kennedy Jr RFK Jr stayed silent on vaccine says father of child who died from measles Pete Hildebrand says health secretary never said anything about the efficacy of the vaccine when he visited for funeral [RAWSEP View](#) The father of the girl who died unvaccinated from measles still said that the measles vaccine is ineffective because

relatives he knows got the measles vaccine eventually and anecdotally the father reports that these relatives became sick with measles although they did not die. The scoop here is not that a parent confessed that it was a mistake not to vaccinate his child but that the parent may have wanted to hear any relevant facts supportive of vaccination from the head of HHS RFK Junior which may have changed the parental mind and may have made him more likely to vaccinate his remaining children in the future to spare their lives. But RFK Junior never said anything to the parent about Measles vaccine efficacy although after the meeting a press announcement was released about the efficacy of the Measles vaccine. [RAWSEP Key Excerpt from the article](#) Medical professionals have long established that getting an illness one was vaccinated against does not mean the vaccination failed. Vaccines also work by reducing the severity of illness and in some cases can prevent death should people catch the sickness they were immunized against. 21 Mongolia Ulaanbataar Global development Everyone is breathing this how just trying to stay warm is killing thousands a year in the coldest capital in the world. In Ulaanbaatar coal fires heat almost every home. But as extreme weather drives families off the Mongolian steppes into the city the air is becoming more deadly. [RAWSEP View](#) Wood burning in an Ecodesign indoor residential wood burner the cleanest burning wood stove in the United Kingdom emits 2.8 times the PM2.5 as coal burning. [Main Content](#)

1 [RAWSEP View in brief](#) An April 7 2025 unfounded rumor that Trump would pause Tariffs for 90 days was a lie and refuted by Trump. Perhaps the United States can look to economy saving solutions such as how Liz Truss was led to resign in The United Kingdom. The Senate could alternatively announce an emergency and cancel Trump Tariffs by a vote. Seven Republican Senators have introduced a bill to limit Trump Tariff actions. Note when reading the Guardian article about domestic coal burning in Mongolia that indoor residential wood burning in an Ecodesign stove the cleanest burning stove in the UK emits 2.8 times the PM2.5 as coal burning.

2 United States [RAWSEP View](#) The Trump motivation for tariffs which raise costs and affect low income Americans more than the rich may be to get rid of income taxes which the rich wanted lowered if not eliminated. [RAWSEP top excerpt](#) Seven Republican senators have now signed onto a bill that would limit The Trump ability to impose tariffs. [Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization](#) Substack Letters from An American Heather Cox Richardson April 8 2025 Major indexes on the stock market began down more than 3% today when as Allison Morrow of CNN reported a rumor that Trump was considering delaying his tariffs by three months sent stocks surging upward by almost 8%. The rumor was unfounded it appeared to begin from a small account on X but it indicated how desperate traders are to see an end to the Trump trade war. As soon as the rumor was discredited the market began to fall again although the announcement of Treasury Secretary Scott Bessent that he is opening trade negotiations with Japan and looking forward to talks with other countries appeared to reassure some traders that The Trump tariffs will not last. The wild swings made the day one of the most volatile in stock market history. It ended with the Dow Jones Industrial Average down by 349 points and the S&P 500 and the Nasdaq Composite staying relatively flat. Futures for tomorrow are up slightly. Foreign markets fared badly today suggesting that the reality of The Trump tariffs is beginning to sink in. The Hong Kong Hang Seng took its biggest dive since the 1997 Asian financial crisis losing 13% and that other markets also fell today. US traders are deeply worried about losses but also anxious about missing a rebound if the administration changes its

policies Hence the extreme volatility of the market Generally values over 30 are considered indicators of increased risk and uncertainty in the Chicago Board Options Exchange CBOE Volatility Index the so called fear gauge Today it spiked to 60 Business leaders are speaking out publicly against The Trump tariffs Today Ken Langone the co founder of Home Depot and a major Republican donor told the Financial Times I do not understand the goddamn formula Senate Republicans are also starting to push back

**Seven Republican senators have now signed onto a bill that would limit The Trump ability to impose tariffs** The power to levy tariffs belongs to Congress but Congress has permitted a president to adjust tariffs on an emergency basis Trump declared an emergency and it is on that ground that he has upended more than 90 years of global economic policy Trump has threatened to veto any such legislation but he will not need to if Senate majority leader John Thune R SD and House speaker Mike Johnson R LA refuse to bring the measure to a vote While Republicans express concern about the tariffs in private leaders will stand with the president because they must have the votes of MAGA lawmakers to pass any of their legislative agenda through Congress and to get that they will need The Trump support Others are worried about incurring The Trump wrath and with it a primary challenger People are skittish They are all worried about it Senator Rand Paul R KY told Carney and Hill But they are putting on a stiff upper lip to act as though nothing is happening and hoping it goes away But so far it does not look as if it is going to go away Today the European Commission has announced 25% countertariffs in retaliation for The Trump tariffs The Trump response to the crisis has been to double down on his tariff plan This morning he wrote on his social media network that he will impose additional 50% tariffs on China effective on Wednesday unless it drops the retaliatory tariffs it has placed on US products Rather than backing down China said it would fight to the end Today in a press conference convened in the Oval Office Trump explained his thinking behind why he has begun a global tariff war You know our country was the strongest believe it or not from 1870 to 1913 You know why? It was all tariff based We had no income tax he said Then in 1913 some genius came up with the idea of let us charge the people of our country not foreign countries that are ripping off our country and the country was never relatively was never that kind of wealth We had so much wealth we did not know what to do with our money We had meetings we had committees and these committees worked tirelessly to study one subject we have so much money what are going to do with it who are we going to give it to? And I hope we are going to be in that position again Aside from this complete misreading of American history Civil War income taxes lasted until 1875 for example tariffs are paid by consumers the Panics of 1873 and 1893 devastated the economy few Americans at the time thought the Gilded Age was a golden age and I have no clue what he is referring to with the talk about committees

**The Trump larger motivation is clear he wants to get rid of income taxes** Congress passed the 1913 Revenue Act imposing income taxes to shift the cost of supporting the government from ordinary Americans especially the women who by then made up a significant portion of household consumers to men of wealth Tariffs were regressive because they fell disproportionately on working class Americans through their everyday purchases Income taxes spread costs more evenly according to the ability of a man to pay The switch from tariffs to income taxes helped to break the power of the so called robber barons the powerful industrialists who controlled the US economy and government in the late nineteenth century To get rid of income taxes Trump and his Republicans have backed the decimation of the government services that support ordinary Americans

3 United States **RAWSEP View** Senate could announce emergency and cancel Trump Tariffs by a vote This April 6 2025 article stated there had been a 5 trillion dollar loss in the stock market because of the

Trump Tariffs RAWSEP top excerpt A second child has now died of measles in West Texas Both children were unvaccinated Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization Substack Letters from an American Heather Cox Richardson April 7 2025 After the Trump tariff announcements on April 2 wiped \$5 trillion dollars from the stock market the Republican Party is scrambling Farmers who were a part of the Trump base are struck and shocked by the tariffs The president of the South Dakota Farmers Union said they will have a devastating effect Wall Street leaders who backed Trump are now criticizing him publicly with one calling for someone to stop him The size of the peaceful protests yesterday around the country less than 100 days into the Trump term demonstrated growing fury at Trump actions When Trump administration officials Treasury Secretary Scott Bessent Commerce Secretary Howard Lutnick and National Economic Council director Kevin Hassett appeared on the Sunday shows this morning shows their attempts to reassure Americans and deflect concerns sounded out of touch Bessent a billionaire told said the administration is creating a new more secure economic system and that Americans who have put away for years in their savings accounts I think do not look at the day to day fluctuations of what is happening He went on to suggest that the losses were likely not that significant and would turn out fine in the long term Lutnick insisted that the tariffs are about national security and bringing back manufacturing although the administration has frozen the Inflation Reduction Act funding for the manufacturing President Joe Biden brought to the US overwhelmingly in Republican dominated districts Lutnick kept hitting on the MAGA talking point that other countries are ripping the US off and insisted that the tariffs are here to stay Hassett took the opposite position that countries are already calling the White House to begin tariff negotiations Trump posted a video on his social media account claiming that he was crashing the market on purpose forcing Hassett to say that crashing the economy was not part of the Trump strategy The tariffs have brought into the open the rift between old MAGA Peter Navarro and billionaire Elon Musk A second child has now died of measles in West Texas and as of this morning Health and Human Services Secretary Robert F Kennedy Jr who has a history of opposing vaccines had continued to call vaccines a personal decision Although he is not a doctor he pushed the idea that ingesting Vitamin A helps patients recover from measles Since his suggestion a hospital in Texas says it is now treating children whose bodies have toxic levels of Vitamin A During the confirmation process for his post Kennedy seems to have promised Senator Bill Cassidy R LA chair of the Committee on Health Education Labor and Pensions and a medical doctor that he would not alter vaccine systems but since taking office he has made dramatic cuts Today Cassidy posted on X Everyone should be vaccinated! and added Top health officials should say so unequivocally before another child dies Evidently feeling the pressure as the measles outbreak spreads Kennedy this afternoon conceded on X that the most effective way to prevent the spread of measles is the M vaccine cuts to the Food and Drug Administration FDA have even Republican lawmakers and former Trump officials from his first term worried that the country is at risk of food related disease outbreaks like the 2022 contamination of infant formula The workers at the Social Security Administration say that cuts to staffing and services along with policy changes have created complete utter chaos at the agency that is threatening to cause a death spiral

Google Alert Headlines April 8 2025

4 California and Italy San Francisco Trane and Gradient Heat Pump manufacturers [RAWSEP View](#)  
Refrigerants that may leak are getting cleaner Heat Pumps may be seen with irony if Heat Pumps rely on  
greenhouse gases from refrigerants [that may leak accidentally](#) [RAWSEP interjection View](#) Highly  
polluting R 410A refrigerant is being replaced by R 32 or R454B and other less emitting refrigerants like  
propane possibly even including CO2 itself which is the cleanest refrigerant possibly available in 2025  
This will have less air pollution impact [if there are leaks of any Heat Pump refrigerant during installation](#)  
[operation and disposal of Heat Pumps](#) [RAWSEP top Excerpt](#) [A common refrigerant called R 410A pumps](#)  
[inside Heat Pumps so they can warm and cool homes](#) But that refrigerant is also liquid irony as it can  
[escape as a greenhouse gas over 2000 times more powerful than carbon dioxide](#) This is known as its  
[global warming potential or how much energy a ton of the gas absorbs over a given amount of time](#)  
[compared to the same amount of CO2](#) [Leaks of R 410A refrigerant can happen during the installation](#)  
[operation and disposal of heat pumps](#) From the article NEWS The quest to fix the irony at the heart of  
every heat pump Gristorg Heat pumps are essential to ditching fossil fuels but they rely on powerful  
greenhouse gases to work Here is how to tackle that problem [Excerpts edited by RAWSEP for brevity and](#)  
[clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit](#)  
[organization](#) Grist April 04 2025 Heat pumps are essential for ditching fossil fuels The appliances are  
many times more efficient than even the best gas furnaces and they run on electricity so [they can draw](#)  
[power from renewables like wind and solar](#) But the very thing that makes them such an amazing climate  
solution is also their biggest challenge [A common refrigerant called R 410A pumps](#) inside Heat Pumps so  
they can warm and cool homes [Leaks of R 410A refrigerant can happen during the installation operation](#)  
[and disposal of heat pumps](#) [But this year the industry is rolling out alternative refrigerant formulations](#)  
[like R 454B and R 32 which have around 75 percent less global warming potential](#) That is in response to  
Environmental Protection Agency rules mandating that starting this year [heat pump refrigerants have a](#)  
[global warming potential of no more than 700](#) Manufacturers are looking even farther ahead at the  
possibility of using [propane or even CO2](#) as the next generation of more atmospherically friendly  
refrigerants The whole industry is going to be transitioning away from R 410A so that is good said the  
refrigeration chief engineer for residential heating ventilation and air conditioning at Trane Technologies  
which makes heat pumps and gas furnaces We are getting lower global warming potential The problem is  
it still has some right? So there is concern about OK is that low enough to really help the environment? To  
be clear [heat pumps do not release greenhouse gases at anywhere near the scale of burning natural gas](#)  
[to heat homes](#) so their environmental impact is way smaller Even if we lost all the refrigerant it still  
actually has a much smaller effect just having a heat pump and not burning gas said the co founder and  
chief technology officer at California based Quilt which builds heat pump systems for homes I would  
actually want to make sure that does not hamper the rapid adoption of heat pumps But why does a heat  
pump need refrigerant? Well to transfer heat By changing the state of the liquid to a gas then compressing  
it the appliance absorbs heat from even very cold outdoor air and moves it indoors Then in the summer  
the process reverses to work like a traditional air conditioner The potential for refrigerant leaks is much  
smaller if the heat pump is properly manufactured installed and maintained When a manufacturer  
switches refrigerants the basic operation of the heat pump stays the same But some formulations  
operate at [different pressures](#) meaning they will need slightly different sized components and perhaps  
[stronger materials](#) It is all the same fundamental principles said the CEO of San Francisco based  
Gradient which makes heat pumps that slip over window sills But it does take a reengineering and a

recertification of all of these components While [Trane has transitioned to R 454B](#) [Gradient and other companies are adopting R 32 which has a global warming potential of 675](#) and brings it in line with the new regulations Gradient says that with engineering improvements like hermetic sealing that makes it harder for refrigerants to escape and by properly recycling its appliances it can reduce the climate footprint of heat pumps by 95 percent Our math shows R 32 plus good refrigerant management those two things combined solve almost all of the refrigerant problem Because of that data Gradient believes the industry should stay on R 32 until we are ready for [natural refrigerants](#) Those include [CO2 butane and propane](#) CO2 has a global warming potential of just 1 but it works at much higher pressures which requires thicker tubes and compressors It is also less efficient in hot weather meaning it is not the best option for a heat pump in cooling mode in the summer Propane on the other hand excels in different conditions and operates at a lower pressure than the refrigerants it would replace It also has a global warming potential of just 3 Propane is flammable of course but heat pumps can run it safely by separating sources of ignition like electrical components from the refrigerant compartments It is kind of perfect for heat pumps said a board member and technical advisor at Italy based Aermec another maker of heat pumps That is why Europe is already switching to propane and why the US may soon follow he said A typical heat pump will run about 10 pounds of propane less than what is found in a barbeque tank Gas furnaces and stoves by contrast are constantly fed with flammable natural gas that can leak potentially leading to explosions or carbon monoxide poisoning If you have got a comfort level with a gas stove in your house he said this is significantly less of a source Related article [North Carolina Charlotte and Virginia Richmond PERC Announces Winners of Energy for Everyone Innovation Award](#) [RAWSEP View](#) RAWSEP concedes that If propane is used as the necessary Heat Pump refrigerant it is cleaner than the R 410s currently mostly used [Richmond Va April 3 2025 The Propane Education & Research Council PERC announced the winners of its Energy for Everyone Innovation Award during its council meeting on April 3 2025 in Charlotte North Carolina Butane Propane News Heat Pump Helper Rebate Program the VPREF program sparked strong interest and awareness in propane fueled hydronic heating solutions providing](#)

5 United States Heat Pump Rebates The government will give homeowners \$1500 to ditch their old water heaters The Cool Down Heat pump water heaters can significantly reduce household utility bills — and there is a federal tax credit to help with installation costs Experts are urging homeowners to ditch their old HVACs The Cool Down The main factor that gives heat pumps an edge over old HVAC units is energy efficiency Home heating and cooling and water heating are the two main Homeowner seeks honest firsthand advice after receiving the baffling quote of the HVAC tech The Cool Down Homeowners who install heat pumps that qualify for the Inflation Reduction Act tax credits can earn up to 30% of the cost of their new heat pump HVAC expert shocked after testing futuristic home heating system in sub zero temperatures The Cool Down One DIY expert gave a stellar review of a Cool ducted heat pump split system he had recently installed [rebate for eligible homeowners upgrading Heat Pumps and repair](#) Homeowner seeks advice after noticing frustrating trend among HVAC techs What am I missing? The Cool Down According to a Reddit post technicians advised a homeowner that energy efficient heat pumps would not be worth the cost Heat pumps and efficiency New survey reveals surprising shift in the heating choices for homeowners The Cool Down Heat pump technology has advanced a lot since the 1980s but Mitsubishi That uber efficiency is because heat pumps move heat around United States \$1500 Rebates for Efficient Water Heaters Might Vanish Here is How to Lock It Now! NewsBreak heating

system with a more energy efficient heat pump water heater HPWH This rebate for water heaters is an excellent chance that will not be

6A California Davis University of California Davis PM2.5 and dementia Exposure to Wildfire Smoke Linked to Increased Risk of Dementia LWW smoke The study author urged neurologists in wildfire prone areas wood burning stove Kathryn Conlon PhD associate professor at the UC

6B California Los Angeles I am a disaster reporter But I was not prepared to watch my city burn The Washington Post wood shingled roof in the smoke obscured dark holding a garden hose That is California for you But something shifted in our consciousness when

7 Colorado Denver Heat Pumps Geothermal New Denver homes being built with geothermal heat pumps YouTube Over 1500 new homes in Denver will be built with geothermal heat pumps replacing standard HVAC and water heating systems Colorado Lennar will build 1500 new Colorado homes with geothermal heat pumps Canary Media That study also found ground source heat pumps could make a big dent in residential energy consumption and carbon emissions particularly in climates 1500 new Colorado homes will come with geothermal heat pumps Electrek Colorado is making this transition a lot more attractive through state tax credits and Xcel Energy rebate programs These incentives slash

8 Montana Missoula The why behind outdoor burning zones in Missoula County The Missoula Current News burning zones In the 1980s teepee burners residential wood stove use and other sources often impaired air quality to the point where

9 North Carolina Asheville LIVE UPDATES April 2 Statewide burn ban lifted Deep Woods fire containment increases WLOS 945 pm Black Cove Complex Fires update According to a Polk County Government press release Deep Woods Fire 3969 acres 79% contained Black

10 Pennsylvania Williamsport 2 recent fires ruled accidental while others remain under investigation Williamsport Sun Gazette on March 11 has been ruled accidental according to city Fire Chief Sam Augst Careless burning in a wood burner sparked the fire August said McCollum was in the garage at the time and ran out to

11A Canada Alberta Wood Buffalo Smoke to be visible during controlled burns across Municipality Regional Municipality of Wood Buffalo Expanded hazard reduction burning program will lessen wildfire risk for Wood Buffalo Controlled burns will begin as soon as Monday next week across

11B Canada British Columbia Vancouver Heat Pump Rebates and Electric Vehicle Rebates EV rebate could be on chopping block as carbon tax eliminated in BC Vancouver Sun rebates for heat pumps and home retrofits Article content Dix said Tuesday that there is no plan to get rid of the heat pump rebate and that he EV rebates under review as BC looks to offset cost of removing carbon tax CBC News However he said that support for heat pumps and window improvements is expected to continue Jeremy Valeriote interim leader of the Green Party

11C Canada Heat Pump Rebates The consumer carbon tax is gone How will that affect the emissions of Canada? CBC News heat pump WATCH The role of the Carbon tax in modest progress in Canada on the climate rebate allowed the government to increase price of fuel without Canada Heat Pump Rebates How much greener did homes in Canada get? Report takes a closer look at federal rebate program CBC

The federal government provided \$26 billion for heat pumps solar panels insulation and other green upgrades to Canadian homes through the

11D Canada Ontario Ottawa Major fire at wooden apartment building construction site CBC News Firefighters were busy with a large fire in a west Ottawa apartment building under construction Tuesday morning Major fire at wooden apartment building construction site Yahoo News Canada Firefighters were busy in Bells Corners Tuesday morning with an under construction five story apartment complex fully ablaze when crews arrived smoke could be seen rising from the rubble On its website calls it a 51 unit purpose built rental complex featuring wood frame construction

12A United Kingdom Calls to ban wood burning stoves based on false claims RAWSEP View The most relevant headline about indoor residential wood burning pollution in the United Kingdom should be that enforcement and shutting down of pollution after complaints is not happening It is true that the percentage of PM2.5 emitted by indoor residential wood burning in the United Kingdom is higher than the percentage of PM2.5 emitted by traffic in the United Kingdom This news article headline is untrue because wood burning does in fact produce more harmful emissions than traffic with a percentage of PM2.5 from domestic burning at 20 percent in 2023 and a percentage of PM2.5 from traffic at 17 percent in 2023 according from a UK government report cited below What the wood burning industry spokespeople are claiming is untrue RAWSEP View Wood Burning Stoves even Defra approved Ecodesign Wood Stoves are more polluting than coal burning The reactionaries in the indoor residential wood burning industry are trying to run out the clock on enforcement of air pollution from wood burning and exhaust all of us by making specious objections to enforcement of air pollution laws which are intended to protect the health of the vulnerable near neighbors of indoor residential wood burners From the article MSN Most major cities in England fall under a Defra Smoke Control Area in which some wood burners are permitted Calls to ban wood burning stoves are based on false information industry experts claim Daily Mail Calls for wood burning stoves to be banned are based on false claims they produce more harmful emissions than traffic industry experts said last MSN Most major cities in England fall under a Defra Smoke Control Area in which some wood burners are permitted Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization Calls to ban wood burning stoves based on false claims MSN April 6 2025 Calls for wood burning stoves to be banned are based on false claims they produce more harmful emissions than traffic industry experts said last night Clean air campaigners have been lobbying for the fashionable stoves to be banned from built up areas including London by citing claims by the Environment Department that they presented a bigger problem than car exhausts Most major cities in England fall under a Defra Smoke Control Area in which some wood burners are permitted Guidance from Defra acknowledges their rise in popularity adding Smoke from burning causes air pollution which harms the health of millions Only four fines were issued for illegal wood burning in Smoke Control Areas across England in the year to August 2024 despite 5600 complaints A spokesman for Home fire smokeless fuels said Legislation without proper enforcement is ineffective https wwwgovuk government statistics emissions of air pollutants emissions of air pollutants in the UK summary 6 Notable sources of emissions of air pollutants in 2023 Emissions of particulate matter originate from a wide range of activity sources with no single activity dominating Domestic combustion contributed 20 per cent of total PM2.5 emissions and 10 per cent of total PM10 emissions in 2023 Non exhaust emissions

from road transport that is road wear brake wear and tire wear represent 17 per cent of total PM2.5 emissions and 16 per cent of total PM10 emissions in 2023 Industrial combustion contributed 10 per cent of total PM2.5 emissions and 5 per cent of total PM10 emissions in 2023 This refers to the combustion of fuels on manufacturing and construction sites to generate energy for industrial use not to combustion in energy industries which contributed 3 per cent of total PM2.5 emissions and 2 per cent of total PM10 emissions in 2023 Emissions from construction activity represents 22 percent of total PM10 emissions and 4 per cent of total PM2.5 emissions in 2023 within which most emissions come from the construction of roads and non residential buildings Quarrying activity contributed 7 per cent of total PM10 and 1 per cent of total PM2.5 emissions in 2023

12B United Kingdom Drax £10 Added To UK Energy Bills to Fund Wood Burning Giant Drax [RAWSEP View](#)  
The economic argument for stopping subsidies for Drax There is also an environmental reason to stop subsidizing Drax which is the air pollution from wood burning which is more than the air pollution from coal burning YouTube wood burning power station Campaigners say Drax operator of the largest UK power station in North Yorkshire received £869 million in public £10 added to UK energy bills to support wood burning firm Drax The Times British households paid around £10 each on average on their energy bills last year to support a controversial wood burning power station Drax

12C United Kingdom Heat Pump Electric Bill Discount Heat pump users in line for electricity bill discount Utility Week Heat pump users are set for a discount on their electricity bills under reforms being lined up by government Utility Week can reveal that the

13 Germany Ludwigshafen Heat Pumps Industrial A heat pump as big as a soccer field BASF We are working on plans to build industrial scale heat pumps at our site in Ludwigshafen Germany which will play a key role in our climate

14 China PM2.5 and Flu like illness NEWS PM 2.5 constituents and risk of influenza like illness A nationwide analysis in 289 Chinese cities ScienceDirectcom Discrepancies in fine particulate matter PM2.5 related influenza-like illness ILI risk have been widely observed in different studies China PM2.5 and health hazards Spatiotemporal evolution and risk thresholds of PM 2.5 components in China from the ScienceDirectcom PM2.5 is a significant global public health hazard with its components closely linked to various fatal diseases thereby significantly increasing High concentrations of fine particulate matter PM2.5 severely affect public health and pose significant challenges for sustainable social China PM2.5 and oil in transport vehicles Health effects economic loss of PM 2.5 pollution from oil consumption by mobile source in China Frontiers Oil plays an important role in the energy consumption structure Oil consumption can release an amount of PM2.5 The transport sector accounts for China PM2.5 and preterm birth Exposure to low concentrations of PM2.5 and its constituents with preterm birth in Shenzhen China BMC Public Health BioMed Central The association between PM2.5 exposure and adverse pregnancy outcomes under improved air quality conditions remains unclear Emerging evidence

15 Japan Mitsubishi Heat Pumps Pumped for Heat Pumps ACHR News A recent survey done for Mitsubishi Electric Trane HVAC US found that homeowner awareness of heat pumps has jumped since 2023 Courtesy of Mitsubishi Electric debuts new residential air source heat pumps PV Magazine The manufacturer has expanded its Ecodan R290 heat pump series with three new products The systems use propane R290 as the refrigerant and can Courtesy of Mitsubishi Electric debuts new residential air

source heat pumps PV Magazine The manufacturer has expanded its Ecodan R290 heat pump series with three new products The systems use propane R290 as the refrigerant and can

16 PM2.5 and adolescent depression term exposure to PM2.5 and high pollution events on depressive symptoms among ScienceDirectcom Association between short term exposure to fine particulate matter PM2.5 and adolescent depressive symptoms is an under investigated area and is PM2.5 and language impairment Air Pollution May Impair Language Skills Brain Health Neuroscience News The research published in The Journals of Gerontology Series A found that exposure to nitrogen dioxide NO<sub>2</sub> and fine particulate matter PM2.5 is PM2.5 and rhinitis PM2.5 exacerbates nasal epithelial barrier dysfunction in allergic rhinitis by inducing NLRP3 ScienceDirectcom Targeting AhR or NLRP3 may mitigate PM2.5 induced epithelial damage in AR Abstract Fine particulate matter PM2.5 a major air pollutant plays PM2.5 and thyroid in children Association between long term exposure to PM2.5 and thyroid nodules in school aged Environmental Health BioMed Central Long term exposure to particulate matter with aerodynamic diameter less than or equal to 2.5 micrometer PM2.5 are linked to thyroid nodules in adults but epidemiological PM2.5 and Venous Thromboembolism Air Pollution Associated With Increased Risk of Venous Thromboembolism Hematology Advisor The researchers characterized air pollution based on 4 factors which included fine particulate matter of less than or equal to 2.5 micrometers in aerodynamic diameter PM

17 Headlines New York Times April 8 2025 United States Kentucky American Whiskey Distillers Brace for The Trump 2nd Trade War The New York Times United States New York Congestion Pricing Will Live On for Several Months After Court Agreement The New York Times United States and United Kingdom Comparison Is Trump Having a Liz Truss Moment The New York Times United States Judge Permanently Bars NIH From Limiting Medical Research Funding The New York Times United States Justice Department Lawyers Are Struggling to Defend The Trump Policies in Court The New York Times United States Opinion Why Did Wall Street Get Trump So Wrong The New York Times United States Some Calm Returns to Markets Even as Trade Tensions Escalate The New York Times United States Stock Market Chaos Over Tariffs Could Take Toll on Economy The New York Times United States Tech CEOs Spent Millions Courting Trump It Has Yet to Pay Off The New York Times United States New York They Work All Day and Go Home to Shelters The New York Times United States Trump Administration Fires Another Female US Military Leader The New York Times United States Why a Plane Size Machine Could Foil a Race to Build Gas Power Plants The New York Times Wait times for the hulking turbines needed to turn natural gas into electricity have doubled in the past year as companies scramble to build data centers for AI

18 United States and United Kingdom Comparison RAWSEP View Liz Truss was forced out of office in the UK for what Trump is doing now but the UK has a parliamentary government that is more flexible than the United States RAWSEP Key Excerpt The Trump tariffs had even less credibility among economists than those of Liz Truss and they seem disconnected from any strategy Trump has not articulated where we are going he said and it is hard to find anyone who is not a paid publicist for him who thinks this is a good idea From the article headline Is this the Liz Truss Moment in America? Ms Truss the prime minister of Britain for 44 days was forced out after her radical policies caused a market meltdown But there are some key differences with Trump Liz Truss was forced out of office by her own Conservative Party in little more than six weeks the shortest tenure for a prime minister in British history 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 April 8 2025 A major Western leader announces an unorthodox economic policy panicking the financial markets driving down American currency and fueling a blizzard of warnings about the dire long term consequences Trump did all this with his across the board tariffs announced last week but before him there was Liz Truss the former prime minister of Britain with her rollout of sweeping tax cuts over 44 turbulent days in the fall of 2022 The parallels between Trump and Ms Truss are striking but for one crucial difference She was forced to rescind the tax cuts within days and forced out of office by her own Conservative Party in little more than six weeks the shortest tenure for a prime minister in British history To some analysts that difference is a tribute to the flexibility of the parliamentary government of Britain and a salutary distinction between Britain and the United States So far Trump has vowed to stick with his tariffs no matter the carnage they wreak in the markets or whether they trigger a recession and there seems to be little anybody can do to force him to change course Truss could really only damage the United Kingdom said Jonathan Portes a professor of economics and public policy at Kings College London Ultimately UK institutions in particular Parliament and the media were enough to ensure that the system worked Whether that is the case in the US remains to be seen he added If it is not the whole world will pay the price Britain which Trump hit with a tariff of 10 percent is already acting like a country on the brink of crisis In a bid to shore up the British auto industry the current prime minister Keir Starmer announced he would relax rules for luxury carmakers like Aston Martin and McLaren requiring them to phase out gasoline and diesel powered cars by 2030 Yet when Starmer was asked on Monday whether he would stick to the fiscal rules of his government that put limits on public borrowing even in the wake of the Trump tariffs he invoked the misbegotten tax cuts of Ms Truss as a cautionary example Liz Truss tried an experiment with this country of putting aside fiscal rules and checks and balances Starmer said And that caused a massive impact on the lives of working people as inflation and interest rates went through the roof Like Trump and his fascination with tariffs Ms Truss was ideologically committed to trickle down tax policy And like him she was an outlier Her tax cuts which she had planned to fund by increasing borrowing were viewed skeptically by economists She was proposing an inflationary policy at a moment when Britain and other countries were battling rising energy prices and a cost of living crisis And she declined to submit her plans to scrutiny by the UK government fiscal watchdog the Office of Budget Responsibility The markets responded by torpedoing shares of British companies and pushing the pound down to near parity with the American dollar The International Monetary Fund warned of financial instability in Britain As a smaller economy Britain was more vulnerable to these gyrations than the United States Yields on government bonds spiked under Ms Truss stoking fears of a credit crisis and ultimately leading to her downfall Yields on Treasury bills declined even as the Trump tariffs were rolling out reflecting the traditional status of the United States as a haven for investors and protecting the president from some of the pressure faced by Ms Truss Though on Monday they too began to rise Within days Ms Truss withdrew the tax cuts and dismissed her chancellor of the Exchequer a key architect of the supply side policy The Bank of England intervened to prop up British bonds and the market turmoil subsided But the credibility of Ms Truss was shattered After senior members of her party told her she had lost their faith she handed in her resignation Like Truss the market reaction is not just driven by the actual policy changes damaging as they were in both cases but by their attempt to destroy the institutions that normally constrain policy For all of the missteps of Ms Truss some economists argue that her tax cuts could be considered less radical than the Trump tariffs In a different

fiscal environment her supply side agenda would have been relatively conventional for a right of center government But in the aftermath of the coronavirus pandemic and the invasion of Ukraine by Russia which stoked inflation and led the central bank to raise borrowing costs rapidly the tax cuts were badly timed and poorly communicated The Trump tariffs had even less credibility among economists not least because they seem disconnected from any strategy Trump has not articulated where we are going he said and it is hard to find anyone who is not a paid publicist for him who thinks this is a good idea

19 **Headlines The Guardian April 8 2025** United States They are killing you US poultry workers fear faster lines will lead to more injury Trump administration The Guardian United States and Europe European markets open higher after global sell off driven by Trump tariffs Stock markets The Guardian United States and Measles Vaccine Skeptic Robert F Kennedy Junior **RFK Jr stayed silent on vaccine says father of child who died from measles Robert F Kennedy Jr The Guardian** China vows to fight to the end against latest Trump tariff threat China The Guardian Nepal Leading the charge how a drive for electric vehicles is cleaning up Nepal Global development The Guardian **Mongolia capital Ulaanbataar Everyone is breathing this how just trying to stay warm is killing thousands a year in the coldest capital in the world Global development The Guardian**

20 Robert F Kennedy Jr RFK Jr stayed silent on vaccine says father of child who died from measles Pete Hildebrand says health secretary never said anything about the vaccine efficacy when he visited for funeral **RAWSEP View** The father of the girl who died unvaccinated from measles still said that the measles vaccine is ineffective because relatives he knows got the measles vaccine eventually and anecdotally the father reports that these relatives became sick with measles although they did not die The scoop here is not that a parent confessed that it was a mistake not to vaccinate his child but that the parent may have wanted to hear any relevant facts supportive of vaccination from the head of HHS RFK Junior which may have changed the parental mind and may have made him more likely to vaccinate his remaining children in the future to spare their lives But RFK Junior never said anything to the parent about Measles vaccine efficacy although after the meeting a press announcement was released about the efficacy of the Measles vaccine **RAWSEP Key Excerpt from the article** Medical professionals have long established that getting an illness one was vaccinated against does not mean the vaccination failed Vaccines also work by reducing the severity of illness and in some cases can prevent death should people catch the sickness they were immunized against **Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization** The Guardian April 8 2025 A Texas man who buried his eight year old daughter on Sunday after the unvaccinated child died with measles says Robert F Kennedy Jr never said anything about the vaccine against the illness or its proven efficacy while visiting the family of the girl and community for her funeral He did not say that the vaccine was effective The father of Daisy Hildebrand said in reference to Kennedy during a brief interview on Monday I had supper with the guy and he never said anything about that The remarks of the father came in response to a question about the publicized visit to the funeral of the second Texas girl by the national health secretary It was also after Kennedy issued a statement in which he accurately said The most effective way to prevent the spread of measles is the M vaccine which also provides protection against mumps and rubella Kennedy an avowed vaccine skeptic helming the Trump response to a measles outbreak that has been steadily growing across the US then undermined that conventional messaging by soon publishing another statement that lavished praise on a

pair of unconventional practitioners who have eschewed the two dose M shot in favor of vitamins and cod liver oil Robert F Kennedy Jr claims anti vax physicians healed some 300 measles stricken children The comments from the father of the girl provided a glimpse into how Kennedy simply demurred on vaccines rather than express a position on them during his first visit to the center of an outbreak that as of Monday had claimed three lives When asked for comment on Monday the Kennedy Department of Health and Human Services HHS did not dispute the claims of the father of the girl that the leader of the agency was silent on Sunday about vaccines Public health experts have repeatedly said the M vaccine is the best way to prevent deaths or serious illness from measles a highly contagious respiratory disease Yet during his brief interview on Monday Hildebrand made clear that he stood by his skepticism of vaccines I know it is not effective because some family members got the vaccine and they got the measles way worse than some of my kids said Hildebrand who is raising two other children with his wife Eva Medical professionals have long established that getting an illness one was vaccinated against does not mean the vaccination failed Vaccines also work by reducing the severity of illness – and in some cases can prevent death – should people catch the sickness they were immunized against Daisy Hildebrand died last week at University medical center in Lubbock Texas about 80 miles 129km away from her family home in the rural community of Seminole Her doctors attributed her death to what they described as measles pulmonary failure noting that she was not M vaccinated and had no reported underlying conditions She was the second young child from Seminole to die from measles in about five weeks Kayley Fehr who was also not given the M vaccine died aged six in February after contracting measles and being hospitalized in Lubbock Fehr was the first person in the US to die from measles since 2015

21 Mongolia Ulaanbaatar Global development Everyone is breathing this how just trying to stay warm is killing thousands a year in the coldest capital in the world In Ulaanbaatar coal fires heat almost every home But as extreme weather drives families off the Mongolian steppes into the city the air is becoming more deadly [RAWSEP View](#) Wood burning in an Ecodesign indoor residential wood burner the cleanest burning wood stove in the United Kingdom emits 2.8 times the PM2.5 as coal burning [Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization](#) The Guardian April 8 2025 coal is killing people far beyond the accidental carbon monoxide leaks as winter in Ulaanbaatar a valley city becomes ever more deadly A ger settlement on the outskirts of Ulaanbataar city Nomadic herders are being driven off the steppe into makeshift settlements in cities with half the Mongolian population now living in Ulaanbaatar An estimated 7000 citizens of this vast thinly populated country of 348 million have died this winter due to air pollution indoors and out Respiratory diseases liver and lung cancers asthma and recurrent flu bouts are rife while pneumonia is the leading cause of children being hospitalized and pollution is the second highest cause of death in under fives Women try to time pregnancies to avoid the coldest months when the rates of miscarriage and premature birth soar Pollution levels have been climbing in Mongolia for almost a decade No longer just an issue in the capital it affects every province every settlement Temperatures can dip to 28C 184F in the winter months and it is [coal](#) that keeps the fires burning round the clock in homes schools industries and power stations In January 2018 levels of [PM2.5](#) ultra fine carcinogenic particles reached 133 times the WHO safe limits in Ulaanbaatar leading to a [government ban on raw coal](#) within the city although [not elsewhere in the country](#) A government subsidized coal briquette was introduced but these have introduced different toxic particles and are behind the steep rise in carbon monoxide poisonings About [70% of Mongolian energy comes from coal](#) The climate crisis has

exacerbated the situation The extreme winter of 2024 killed more than 10 million of the 64 million animals in Mongolia Due to a lack of housing in Ulaanbaatar people build Gers which are circular white tents clad with felt around a thin latticed wood frame The structures have no running water and a central stove feeds out through a chimney pipe in the roof More than 50% of the Mongolian population live in Gers with about 800000 people in Ulaanbaatar alone about half the population of Ulaanbataar An estimated 196000 domestic chimneys puff coal fumes into the dry city air with each household burning an average of 23 kilograms of coal daily in winter A female Doctor in Ulaanbataar has some advice For those with kids getting sick non stop? Get out of town That is what we advise to the wealthiest In winter the hospital opens five intensive care units for children with pneumonia while asthma bronchitis and leukemia rates rise We are also quite used to seeing carbon monoxide poisonings Pneumonia survival rates remain good she says although the impact of repeated illnesses on the immune systems of children lasts for life and growing antibiotic resistance is a very big concern Globally air pollution is the second biggest killer of children under five after malnutrition according to UNICEF with east Asia especially affected It kills 7 million people a year and Ulaanbaatar is far from the worst polluted with cities such as Lahore Delhi and Chengdu jostling for top spot A male Doctor is a member of Parliament an MP oncologist and former director of the Mongolian cancer center He has just completed a study showing a link between pollution and liver cancer previously thought to be an illness mostly caused by alcohol abuse For cancers there is a very clear link with burning coal especially lung cancer but we had not expected to see liver cancer It is a new discovery Traffic causes about 29% of pollution compared with up to 55% from coal in Ulaanbaatar smoggy cityscape In the city the latest figures show 55 56% of pollution comes from the Ger districts traffic causes 28 to 29% and the rest is the power stations he says Generally not on a bad day the readings show pollution is 12 to 13 times higher than the safe standard so you can imagine the health impact Mid November to mid February is when pollution is at its worst so if you look at the data of the annual average Mongolia does not look so bad But it is You know that the colder it is the worse the air quality will be because of the burning of coal weather makes traditional herding life harder A proposal to move households into apartments has been suggested but insulating homes could drop air pollution by 40 to 60% That is the lowest hanging fruit it is really quite simple and the money is there He says Mongolia blessed with wide open spaces and few cloudy days then needs to look to green energies thermal solar and wind

In Episode 57DGH 1 [RAWSEP View in brief](#) 2 United States [RAWSEP View](#) The Trump motivation for tariffs which raise costs and affect low income Americans more than the rich may be to get rid of income taxes which the rich wanted lowered if not eliminated [RAWSEP top excerpt](#) Seven Republican senators have now signed onto a bill that would limit The Trump ability to impose tariffs 3 United States [RAWSEP View](#) Senate could announce emergency and cancel Trump Tariffs by a vote This April 6 2025 article stated there had been a 5 trillion dollar loss in the stock market because of the Trump Tariffs [RAWSEP top excerpt](#) A second child has now died of measles in West Texas Both children were unvaccinated 4 California and Italy San Francisco Trane and Gradient Heat Pump manufacturers [RAWSEP View](#) Refrigerants that may leak are getting cleaner Heat Pumps may be seen with irony if Heat Pumps rely on greenhouse gases from refrigerants [that may leak accidentally](#) [RAWSEP interjection View](#) Highly polluting R 410A refrigerant is being replaced by R 32 or R454B and other less emitting refrigerants like propane possibly even including CO2 itself which is the cleanest refrigerant possibly available in 2025 This will have less air pollution impact [if there are leaks of any Heat Pump refrigerant during installation](#)