

Episode 56ZF October 24, 2024. Massachusetts Federal Wood Heater Settlement. Drax Protest.

In Episode 56ZF 1 World 2 United States 3 Alaska 4 California 5 Colorado 6 Connecticut 7 Indiana 8 Massachusetts. AG Campbell Announces Settlement Over Federal Wood Heater Emission Standards. Mass.gov wood-burning stoves meet the requirements of the Federal Clean Air Act. Residential wood heaters emit particulate matter into the air and have contributed to air pollution in Massachusetts, particularly in rural areas. The settlement requires EPA to revisit its existing wood heaters standards in order to reduce levels of harmful pollution emitted in Massachusetts and across the country. EPA must reassess how it tests wood heaters and propose new standards within a reasonable timeframe. 8 Michigan. 'Please don't burn,' fire specialist says amid dry weather in Michigan. 9 New Jersey. N.J. orders fire restrictions in all 21 counties amid worsening drought, spike in forest fires. NJ.com wood-burning stoves. 10 New York 11 Ohio 12 Pennsylvania 13 Wisconsin 14 Canada. Is it time to nip the bud off the wood pellet industry? 15 Australia 16 United Kingdom. Stop burning trees, Drax! Campaigners take to parliament over rogue biomass industry. Canary. burning and to say no to new subsidies for wood-burning power stations. Pete Dean from Bio fuel watch said: The UK government has promised us Clean Air. 17 Europe 18 Belgium 19 Germany 20 India 21 Indonesia 22 South Asia 23 PM2.5 and human health. Main Content. 1 World. Climate change drives sharp rise in fire-related mortality worldwide. News-Medical. Fire smoke contains fine particulate matter with diameters less than 2.5 micrometers PM2.5, a significant environmental hazard contributing to. World. Natural Resources Defense Council NRDC. Impact Groups Address Insufficient Draft Environmental Impact Report for Dangerous Wood. NRDC. burned for electricity doesn't make any sense. The lifecycle greenhouse gas emissions from logging, processing, shipping, and burning wood. World. Wildfires and wildfire smoke more deadly globally as climate change continues. Wildfire Today. Of the 46,401 1960s to 98,748 2010s annual fire PM2.5 mortalities, 669 1.2%, 1960s to 12,566 12.8%, 2010s were attributed to climate change, 2 United States Heat Pumps. Decarbonization Technology Snapshot: Heat Pump Water Heaters. Department of Energy. Heat pump water heaters run on electricity instead of natural gas, reducing on site Scope 1 emissions and often resulting in reduced total. United States. DOE Efforts Send New and Improved Cold Climate Heat Pumps to the Market. Department of Energy. DOE announced today that all eight manufacturers in the Residential Cold Climate Heat Pump Challenge completed rigorous product field testing to. United States. Is the Heat Pump Industry in Peril? Introducer Today. Heat pumps, with all their various forms, are a novel technology that has grown over the past decade. Serving as a sustainable alternative to gas. United States. Millions of Americans can get paid to make this bill slashing home renovation: 'It's like magic' Yahoo. Heat pumps are growing in popularity across the U.S. as a cost saving, sustainable way to heat and cool homes with less pollution. Atlas Buildings Hub predicted that with federal heat pump rebate programs slated to be launched across all fifty states over the next year, it is. United States. This amazing smart home tech can slash your energy bills by \$600 a year. The Cool Down. Heat pump water heaters are quickly becoming the hottest new home rebate for installing a modern dual use heat pump for space heating and. United States. This high tech home improvement could shave a thousand dollars off your annual energy bill. The Cool Down. Households that install a heat pump may be eligible for up to a \$2,000 tax credit, while low income households could receive up to an \$8,000 rebate. A rising star on the heating and cooling scene, a heat pump, could help you save \$1000 on your annual energy bill. United States. 10 easy ways to purify indoor air to protect your family from poor air. Business Standard. smoking surfaces, smoke found on clothes, etc.. While heating systems may generate odorless gases like carbon monoxide, burning wood has a. The burning of biomass fuels also leads to an increase in concentration of PM2.5, 3 Alaska Kenai. Fish, snails among the survivors of Cooper Landing house fire. KDLL. He was watching football when a fire in the home's wood

burning stove got out of control. smoke detectors and make sure their chimneys are in good repair. 4 California Santa Barbara. Notice of Public Review and Request for Comments. Santa Barbara County Air Pollution Control District. PM2.5, 24-hour, 0.8, 9, 6.6%. PM2.5, Annual, 0.1, 4, 0.7%. PERMITTING ACTION. The proposed permitting action authorizes installation of a liquefied. 5 Colorado. Rocky Mountain National Park plans prescribed burns. Estes Park Trail-Gazette. For information on how smoke can affect your health, visit colorado.gov/pacific/cdphe/wood-smoke-and-health. For the safety of visitors. 6 Connecticut Berlin. Large brush fire burns in Berlin as dry weather conditions keep risk elevated in Connecticut. CT Insider. Smoke rises from a brush fire still burning on Lamentation Mountain in Berlin Tuesday. At right are homes at Silver Ridge. 7 Indiana. IDEM forecasts air quality action day for levels of fine particles. The Republic News. PM2.5 is composed of microscopic dust, soot, and liquid that settles deep into the lungs and cannot be easily exhaled. Those people at risk are. Indiana. IDEM forecasts overnight Air Quality Action Day for parts of Indiana. GIANT fm. Levels of fine particles PM2.5 in the air are expected to be in the Unhealthy for Sensitive Groups range Orange in the following areas overnight. WBIW. PM2.5, particularly in urban areas. PM2.5 comprises microscopic dust, soot, and liquid that settles deep into the lungs and cannot be quickly exhaled. Indiana Columbus. No injuries in Columbus fire at Bloomfield Apartments. Local News Digital. Smoke began to enter the apartment from the balcony patio door and the tenant called 9-1-1. Occupants were already outside when fire crews arrived. 8 Massachusetts. AG Campbell Announces Settlement Over Federal Wood Heater Emission Standards. Mass.gov wood-burning stoves meet the requirements of the Federal Clean Air Act. Residential wood heaters emit particulate matter into the air and have contributed to air pollution in Massachusetts, particularly in rural areas. The settlement requires EPA to revisit its existing wood heaters standards in order to reduce levels of harmful pollution emitted in Massachusetts and across the country. EPA must reassess how it tests wood heaters and propose new standards within a reasonable timeframe. Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. For immediate release: 10/23/2024. Office of the Attorney General. BOSTON — Attorney General Andrea Joy Campbell announced today that the United States District Court for the District of Columbia has entered a [settlement agreement](#) between the United States Environmental Protection Agency (EPA) and the attorneys general from 10 states, including Massachusetts, along with the Puget Sound Air Agency. This settlement resolves a [lawsuit](#) filed by the states alleging that EPA failed to review and revise regulations that ensure emission standards for certain residential wood-burning stoves meet the requirements of the Federal Clean Air Act. The settlement requires EPA to revisit its existing wood heaters standards in order to reduce levels of harmful pollution emitted in Massachusetts and across the country. EPA must reassess how it tests wood heaters and propose new standards within a reasonable timeframe. Residential wood heaters emit particulate matter into the air and have contributed to air pollution in Massachusetts, particularly in rural communities. Pollution from wood heaters can lead to significant harms including increased mortality, cardiovascular effects, and respiratory effects. EPA is required under the Clean Air Act to set performance standards for new or modified sources of air pollution that endanger the public health or welfare. The law requires that EPA periodically review established standards to ensure they are meeting the goals of the Clean Air Act. The states' complaint alleges that EPA did not timely review its existing standards, and that inaccuracies in the emissions test methods EPA authorized under those standards could be easily manipulated and thus conceal even higher emissions than the standards allowed. The Massachusetts Attorney General's Office (AGO) has long advocated to reduce pollution from wood heaters in the Commonwealth, including suing EPA in 2013 to update new source performance standards for wood heater pollution. In addition to advocating at the federal level, the AGO also has collaborated with community partners to fund an [air quality monitoring network in the Pioneer Valley](#), an area

with historically high levels of air pollution. The AGO also launched an [idling tip form](#) to help communities understand the impacts of and report illegal idling, which also contributes to particulate matter pollution in Massachusetts neighborhoods. AG Campbell is a co-plaintiff in this case alongside the attorneys general of New York, who led the coalition, and the Attorneys General of Alaska, Illinois, Maryland, Minnesota, New Jersey, Oregon, Vermont, and Washington, and the Puget Sound Clean Air Agency. This matter is being handled for Massachusetts by Deputy Chief Turner Smith of the AGO's Energy and Environment Bureau and Assistant Attorney General Emily Mitchell Field of the Environmental Protection Division.

8 Michigan. 'Please don't burn,' fire specialist says amid dry weather in Michigan. WOODTV.com GRAND RAPIDS, Michigan. WOOD As a wildfire burns in Michigan's Upper Peninsula, a fire specialist is warning people not to burn anything in the.

9 New Jersey. N.J. orders fire restrictions in all 21 counties amid worsening drought, spike in forest fires. NJ.com wood-burning stoves. He said it's also possible for gasoline-powered lawnmowers to ignite dry grass. We'd just like to remind everyone to be.

10 New York. Envisioning a Greener Future Syracuse University. Building America does more than fund heat pump demonstrations. It also will support the testing of heat pumps with the Center of Energy Excellence in.

11 Ohio Lexington. From the health department: Home heating safety Lifestyles perrytribune.com Perry County Tribune. But did you know that heating equipment is one of the leading causes of home fire deaths? Wood-burning Stove. Fireplace. Heating, Ventilation, And Air Conditioning. Fire Drill · Building Automation. Home.

12 Pennsylvania. Best and budget-friendly smoke and carbon monoxide alarms. 6abc Philadelphia. PHILADELPHIA WPVI. Three out of five fire deaths happen in homes with either no smoke wood,

13 Wisconsin Fond du Lac. Fond du Lac County barn fire caused by controlled burn reigniting. Fond du Lac Reporter. A Fond du Lac County fire that damaged a barn in the town of Ashford Oct. 22 originated from an adjacent wood pile.

14 Canada. Is it time to nip the bud off the wood pellet industry? The Environment Journal. A little known but fast-growing industry has been causing a disturbance in the Canadian environmental space recently, as the burning of wood. Canada. Modifying factors and temporal trends of adverse health effects of short-term exposure to. ScienceDirect.com Ambient PM2.5-related public health risks were estimated in Canada for 2001–2018. PM2.5 exposure was associated with cause-specific. Canada British Columbia Kootenay Wasa Transfer Station. Suspected arson at Wasa Transfer Station. My East Kootenay Now. The fire is surrounded by a fire break and is contained to the wood waste pile. We had intended to complete our annual burning of the wood waste. Canada British Columbia Vancouver. Metro Vancouver reminds residents to register wood-burning fireplaces. Indo-Canadian Voice. Wood smoke from residential indoor wood burning can harm community health and is the largest source of fine particulate matter PM2.5 emissions in, Canada Ontario Toronto. Fire reported under bridge at Bathurst and Fort York. CityNews Toronto. Toronto Fire were called to the area just after 11 p.m. for reports of smoke. They discovered some wood and other debris on fire. It has since.

15 Australia. I Promise Australia Offers Up to \$3000 Hot Water Rebate Under VIC Government Program openPR.com Our licensed plumbers and electricians will assess your existing system and install your new heat pump water heater. 4. We will handle the rebate.

16 United Kingdom Brighton. Elm disease problem prompts warning to Brighton's wood burners. Air Quality News. Brighton & Hove Council are addressing residents who burn solid fuel to be careful what fuel they use wood, with a campaign that ties together air. United Kingdom Brighton. Help us protect the city's historic elm collection and improve air quality. Brighton & Hove City Council. wood piles. The best way to avoid Elm logs being brought into the city is not to burn logs at all. Burning wood in fireplaces and burners is a big. Burning wood in fireplaces We have recently changed our approach to wood-burning, particularly in the city's 5 existing Smoke Control Areas. United Kingdom Lancashire. Whole Lancashire town could be declared a 'smoke control area' under new plans. Lancs Live. Burnley Council will review its smoke control area so it covers more recent housing estates where wood burning stoves are common. The council's. United Kingdom.

Stop burning trees, Drax! Campaigners take to parliament over rogue biomass industry. Canary. burning and to say no to new subsidies for wood-burning power stations. Pete Dean from Bio fuel watch said: The UK government has promised us Clean Air. Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. Stop burning trees, Drax! Campaigners take to parliament over rogue biomass industry. by The Canary. October 22, 2024. Climate justice campaigners in London joined groups around the world on Monday 21 October. It was for an International Day of Action on Big Biomass. Campaigners staged a 'Save Nature, Stop Burning Trees' demonstration beside Big Ben to call for an end to subsidies for tree-burning in UK power stations like Drax in Yorkshire and Lynemouth in Northumberland. Drax: stop burning trees. The International Day of Action on Big Biomass coincided with the start of the UN COP16 Biodiversity Conference in Cali, Colombia, and the activists drew particular attention to the devastating impact that logging forests to supply wood to burn in power stations like Drax is having on nature: Drax, which is the UK's single largest carbon emitter in the UK and the world's biggest tree burner, receives around £1.5 million per day in renewable subsidies from UK energy bills to burn trees. In London, campaigners held a 'Save Nature, Stop Burning Trees' banner protest and rally outside Parliament with signs saying "End biomass subsidies" to call on MPs to end renewable subsidies from UK energy bills for Drax's tree burning and to say no to new subsidies for wood-burning power stations. Pete Dean from Bio fuel watch said: The UK government has promised us "Clean power by 2030" and announced plans to plant millions of trees. However, this will be completely undone if it persists with its plans to continue the life of the single largest tree-burning enterprise in the whole world. Drax power station gets public subsidies of almost £1.5 million a day, for burning trees taken from some of the most biodiverse ecosystems on the planet. We're outside Westminster in London and across the UK calling on our MPs to stop new forest-destroying subsidies. Much of the wood that Drax burns comes from clear-felled, biodiverse forests in the Southeastern USA and Canada. These forests are home to many rare and endangered species, including black bears, Wood Storks, Rusty Blackbirds and caribou. Failing to act on the climate crisis. Robin Wells from Fossil Free London said in a speech at the rally: We know that the governments of the world are failing to act on the climate crisis, even though they're putting subsidies into things that appear to be green like carbon capture and storage or biomass. The truth of it is these are false solutions. The burning of trees in Drax Power Station can be as bad as burning coal, the worst fossil fuel available. We need governments at this Biodiversity COP and at the COP in Azerbaijan to stand against corporations using greenwash to take our future, our lives and our good and thriving existences from us. For that to happen, governments need to get these corporations in line and they need to invest in real green solutions. They need to stop burning trees and axe Drax. Merry Dickinson from the Stop Burning Trees Coalition said: With record temperatures and extreme weather around the world, it's never been more urgent for the government to protect our precious forests and stop funding tree-burning companies like Drax that are driving forest destruction, biodiversity loss, climate breakdown and injustice around the world. For the sake of our planet, it's vital for MPs to end renewable subsidies for Drax's planet-wrecking tree burning and instead invest in genuine climate solutions like home insulation and wind and solar power that can create new green jobs and ensure a livable future for everyone. Biomass is not the answer, Drax. The government is currently considering whether to extend renewable subsidies for tree-burning companies like Drax beyond 2027. Last week, 15 NGOs including RSPB, Greenpeace, WWF UK and Friends of the Earth, wrote to the Government urging Ministers not to extend subsidies for burning wood because of the disastrous impact of the biomass industry on nature, communities and the climate. Last week, an investigation by the Financial Times into Drax's internal emails revealed that the company was: "highly likely" to have burnt wood sourced from old-growth forest areas in Canada deemed to be environmentally important. In February, a BBC Panorama investigation found that Drax is continuing to

burn rare forest wood from British Columbia in Canada. United Kingdom. Turn up the heat pumps. The Ecologist. Heat pumps will be needed to replace outgoing gas boilers, and the UK is well placed to produce these products and capture a share of much needed. 17 Europe. Climate data based methodology for residential air source heat pump sizing PV Magazine. A European research team proposed a new air source heat pump sizing approach that utilizes long term climate data and adjusts system operation. 18 Belgium. Heat pump makers seek help from Brussels amid sales slump. Euro news. Heat pumps are set to play at least as important a role in Europe's energy transition as electric cars, but a drop in demand following record. 19 Germany. Germany to build world's largest heat pump with 500,000 metric tons steam capacity MSN. The German government is providing chemical producer Badische Anilin und Sodafabrik BASF with \$368 million. 20 India Mumbai. Air pollution worsens in Navi Mumbai, Thane, Badlapur and Ulhasnagar. Hindustan Times. An analysis of Particulate Matter PM2.5 data from 2019 to 2024, conducted using the Atlas AQ Platform, reveals that 10 out of 19 non-attainment. India Delhi. Delhi AQI slips further: How 'cocktail of pollutants' reach your lungs. Business Standard. Gufran Beig, Chair Professor at NIAS IISc and Founder Project Director of Safar, highlighted the health impacts of particulate matter PM2.5, India. Hidden ways that poor air is sneaking indoors and 10 tips to breathe clean air. Hindustan Times. But particulate matter PM is Use real-time air quality checking devices to check the presence of PM2.5, India. New Delhi air pollution: 22 pollution hotspots identified in the city, raising concerns. Times of India. In 2023, ITO reported a PM2.5 concentration of 100 micrograms per cubic meter, followed by Patparganj at 109, Sonia Vihar at 108, and Alipur and the, 21 Indonesia. Indonesia biomass drive threatens key forests: Report. Borneo Bulletin Online. JAKARTA AFP. Indonesia's push to add wood-burning to its energy mix Producing the wood pellets and chips used for co-fire coal. 22 South Asia. Bureaucrat incentives reduce crop burning and child mortality in South Asia. Nature. particulate matter less than or equal to 2.5 micrometer in diameter PM2.5, in an instrumental variables framework. With estimates of the impact of fires on mortality, we. 23A PM2.5 and antibiotic resistance. Antibiotic resistance and resistome risks of inhalable bioaerosols at aeration tank. ScienceDirect.com Herein, the antibiotic resistant pollution associated with fine particulate matter PM2.5 Especially, antibiotic resistance of fine particulate. 23B PM2.5 and cognitive decline. The hidden role of air pollution in cognitive decline - EurekaAlert! Fine particulate matter, known as PM2.5, is a complex mixture of many chemicals that can be inhaled deep into the lungs. While PM2.5 exposure has. 23C PM2.5 and cognitive impairment. Systemic inflammation may play a role in how air pollution contributes to cognitive impairment. Medical Xpress. particulate matter PM2.5 to cause cognitive impairment. PM2.5, particulate matter with a diameter of 2.5 µm and smaller. Two main hypotheses. 23D PM2.5 and kidney stones. Air pollutants, residential green space, and the risk of kidney stone disease. Nature. PM2.5 and NO2 reductions may be a key mechanism for the protective impact of residential greenspace on KSD P for indirect path less than 0.05. Impact. 23E PM2.5 and slower brain processing. Air pollution exposure slows down the brain's processing speed. Earth.com Fine particulate matter Systemic inflammation may act as a key intermediary, linking PM2.5 exposure to impaired cognitive function, explained Dr.