

Episode 56ix September 19, 2023. Patient Zero's indoor wood burner is replaced by a Heat Pump, via a grant written by a near neighbor.

The good news is that Patient Zero's indoor wood burner could be replaced by a Heat Pump, via a grant written by a near neighbor. A portion of that grant money could be set aside for PurpleAir PM2.5 monitors if part of the indoor residential wood burner's replacement Heat Pump could be paid back to the former indoor wood burner with a tax credit for the Heat Pump. Stay tuned to this website to find out how to write such a grant, if you are a near neighbor of a residential wood burner. What is the definition of "Patient Zero" in the world of indoor residential wood burners? To paraphrase the promotional copy for the 2018 exploitation film "Patient Zero" <https://www.imdb.com/title/tt3458254/> "After an unprecedented global pandemic turns the majority of humankind into "Infected," a human being gifted with the ability to speak the Infected's language leads the last survivors on a hunt for Patient Zero and a cure." In the Indoor Wood burning context, Patient Zero is the original person afflicted with antibiotic resistance, the person blithely sitting inertly closest to the source of the affliction, an indoor residential wood burner. The others afflicted are, at first, only the near neighbors of the indoor residential wood burner, the hyper-localized "canaries in a coal mine", afflicted with antibiotic resistance through proximity to "Patient Zero". Today we will examine the real world of Federal tax rebates for polluting indoor residential wood burners, as well as equal rebate opportunities for clean energy, non-polluting Heat Pumps at <https://www.energy.gov/save/homeowners> 1)In the real world, money talks. To put it simply, alongside United States Government subsidy limits for Heat Pumps there are equal limits for monetary subsidies for Indoor Residential Wood Burners. If this is discouraging for near neighbors, skip this paragraph and on go on to the next paragraph that discusses solutions. But in the real world, unjustly and against common sense, unfortunately, 1A)what the United States Government obsequiously terms "Biomass Wood Boiler buyers" can receive the incentive of a tax credit for the amount of 30% of the cost paid by the consumer, up to \$2,000/year. When who RAWSEP descriptively, plainly and accurately terms an "Indoor residential wood burner" 1A1)buys an indoor residential wood burner he or she can 1A2) submit [IRS Form 5695](#) and when filing the indoor residential wood burner buyers' taxes the indoor wood burner buyer 1A3)needs to meet the [requirements detailed on IRS.gov](#). 1A4)Avert your eyes, near neighbors, from the sorry spectacle if you realize that indoor wood burners are rewarded for polluting your neighborhood. 1A5)However, there is a limit to the largesse of the United States Government at this time. As the United States delicately terms them, "Biomass consumers" have a \$2,000 per year limit in total for biomass stoves/boilers as well as 3)heat pumps for home heating or heat pump water heaters. 1A6)For example, if a consumer claimed 1A4) \$1,000 for a biomass stove, and 1A5)\$1,000 for a heat pump water heater (or heat pump for home heat) you 1A6)could not also claim a 30% credit above \$1,000 for a biomass (wood) boiler or biomass (wood) stove in the same year. 1A7) However, you could claim up to \$1,200 for other incentives like windows, doors, electric panel, etc., for a total of up to \$3,200 in credits for the year. 1A8)So in a way, there is an incentive NOT to buy a biomass (indoor residential wood) burner if you want to receive the maximum tax credit, \$2,000 for a Heat Pump in one year. 2)The first good news. Also in the real world, at <https://www.energy.gov/save/homeowners> 2A) Heat Pump (Geothermal, for whole Home Heating) Incentive Amount is 30% of the cost paid by the consumer is available through a tax credit. 2B)Additional income-based incentives will be announced through the Home Energy Rebates program (for households below 150% area median income). 2C)How to Access: For the tax credit, submit [IRS Form 5695](#) when filing your taxes 2D)if you meet the [requirements detailed on IRS.gov](#) 2E)(Bad news for those impatient to buy Geothermal Heat Pumps) Rebates are not yet available. Stay tuned as the Home Energy Rebates programs are deployed nationwide and administered through your State Energy Offices. 3)The second good news. Heat Pump (air-source, energy efficient (for whole Home heating) 3A) ⚠ Credits exist for both air-source and geothermal heat pumps. A trusted professional who specializes in heat pump installation can help you decide which is best for your home and budget. 3B)Incentive Type: Tax Credit & Rebate 3C)Incentive Amount: 30% of the cost paid by the consumer, up to \$2,000/year, is available through a tax credit. Additional income-based incentives will be announced through the Home Energy Rebates program (for households below 150% area median income). 3D)How to Access: For the tax credit, submit [IRS Form 5695](#) when filing your taxes. 3E)if you meet the [requirements detailed on IRS.gov](#) 3F)(Bad news for those impatient to buy Air-Source Heat Pumps) Rebates are not yet available. Stay tuned as the Home Energy Rebates programs are deployed nationwide and administered through your State Energy Offices. 3G) ⚠ Credits exist for both air-source and geothermal heat pumps. A trusted professional who specializes in

heat pump installation can help you decide which is best for your home and budget. 3H) ⚠️ Consumers have a \$2,000/year limit in total for heat pumps, heat pump water heaters, and biomass stoves/boilers. For example, if you claimed \$1,000 for a heat pump and \$1,000 for a biomass stove, you could not also claim a 30% credit for a heat pump water heater in the same year. However, you could claim up to \$1,200 for other incentives like windows, doors, AC, electric panel, etc., for a total of up to \$3,200 in credits for the year. 4)The third good news. Also in the real world, Water Heater (heat pump, energy efficient) 4A)Incentive Type: Tax Credit & Rebate 4B)Incentive Amount: 30% of the cost paid by the consumer, up to \$2,000/year, is available through a tax credit. 4C)Additional income-based incentives will be announced through the Home Energy Rebates program (for households below 150% area median income). 4D)How to Access: For the tax credit, submit [IRS Form 5695](#) when filing your taxes 4E)if you meet the [requirements detailed on IRS.gov](#) 4F) (Bad news for those impatient to buy Air-Source Heat Pumps) Rebates are not yet available. Stay tuned as the Home Energy Rebates programs are deployed nationwide and administered through your State Energy Offices. 4G) ⚠️ Heat pump water heaters require installation in locations in a home with certain temperature and space requirements. [Learn more.](#) 4H) ⚠️ Consumers have a \$2,000/year limit in total for heat pumps, heat pump water heaters, and biomass stoves/boilers. For example, if you claimed \$1,000 for a heat pump and \$1,000 for a biomass stove, you could not also claim a 30% credit for a heat pump water heater in the same year. However, you could claim up to \$1,200 for other incentives like windows, doors, AC, electric panel, etc., for a total of up to \$3,200 in credits for the year. 5)Water Heater (solar). The bad news is there is no information on incentives for solar Water Heaters on the website at this time. 6)Wood & Pellet. (RAWSEP View: Are wood & pellet what the U S Government inaccurately terms Smart Technology, or was this a typo or unfortunate place of the words wood & pellet next to Smart Technology?) The good news is there is no information on incentives for what is termed wood & pellet on the government website at this time. 7)Smart Technology (it is unclear if this phrase on the website refers to clean, non-polluting energy sources or simply to wood and pellet stoves, which are highly polluting). (RAWSEP View: Maybe the U S Government is reconsidering any rebate for wood & Pellet appliances, given the Office of the Attorney General's (OIG, Watchdog of the E PA) February 2023 report on the failed E P A wood stove certification program, which allows most wood stoves sold in the United States to be highly polluting.) 7A)Incentive Type: Rebate. 7B)Incentive Amount: Forthcoming income-based incentives will be announced through the Home Energy Rebates program (for households below 150% area median income). 7C)How to Access: Rebates are not yet available. 7D) (RAWSEP View: a message for indoor residential wood and pellet burner buyers, impatient and determined to pollute their neighborhoods and spread antibiotic resistance, or perhaps this is a message for those wishing to employ clean non-particulate-emitting smart technology such as smart hyper-localized residential electric grids that save energy) The website says: Stay tuned as the Home Energy Rebates programs are deployed nationwide and administered through your State Energy Offices.

A letter sent on 8/28/2023 to the Assistant Attorney Generals threatening to sue the EPA over wood stove certification follows. Dear Assistant Attorney General, Attached is a letter that was sent to the National Institute of Allergy and Infectious Diseases (NIAID) Director Dr. Jeanne Marrazzo, former acting NIAID Director Dr. Hugh Auchincloss and National Institutes of Health (NIH) Director Dr. Lawrence Tabak regarding regulation and the ability to shutdown PM2.5 polluting indoor residential wood burners. PM2.5 pollution is known to cause antibiotic resistance making infectious disease pandemics more likely and uncontrollable. The letter asks Dr. Marrazzo to apply a "Parallel Track" to indoor residential wood burning pollution in 2023. This "Parallel Track" would include both EPA wood stove certification and a complaint-based system using PurpleAir PM2.5 monitor data collected from the yards of near neighbors of indoor residential wood burners. This would be a way to address the very real impact of PM2.5 pollution which EPA wood stove certification fails to address. We propose that the use of PurpleAir monitors would provide important data on PM2.5 air pollution that is currently missing in the EPA wood stove certification. This proposal is modeled on the approach Dr. Anthony Fauci used in 1989 that allowed a "Parallel Track" of both the Food and Drug Administration (FDA) use of AZT for AIDS that had the unfortunate side effect of blindness along with a second drug, Ganciclovir, that actually cured the blindness. An earlier letter sent to your office asked that you include a complaint-based system of regulating indoor residential wood burning using PurpleAir PM2.5 data in your suit against the EPA. Indoor residential wood burners are already ineffectively certified by the EPA. This violates the EPA's own National Ambient Air Quality Standards (NAAQS) emission limits of 35 micrograms per cubic meter in a 24-hour period. Using data from PurpleAir PM2.5 monitors in the yards of near neighbors who complain of PM2.5 from hyper-localized indoor residential wood burners would provide the missing and important evidence of this type of air pollution. Currently if a near neighbor's complaint is made to a

local health department, a complaint using federal NAAQS exceedance data is not considered as a basis for a complaint against neighboring indoor residential wood burning. It is also not considered as a basis for shutting down the wood burning appliance when the indoor residential wood stove has been federally EPA certified. Lawsuits for nuisance are expensive and beyond the means of the average American and are not considered precedents in courts generally. Contacting state agencies to shut down polluting wood stove use that affects the health and lives of near neighbors has been unproductive because decisions made by the EPA determine the decisions made by state agencies. Although the scope of your lawsuit seems confined to asking the EPA to continue their wood stove certification program as is, albeit at a faster pace, we ask that you consider the intent behind asking the EPA to tighten their standards for wood stove certification on a regular basis. The intent of an Environmental Protection Agency is to protect the environment. This has perhaps been narrowly construed to be protecting air, water and ground from contamination from industries only. But United States citizens should actually benefit from this environmental protection as well. Tightening wood stove standards on a regular basis should result in protecting the environment as well as protecting United States citizens from harm from the air, water, and ground. We believe that the EPA's responsibilities are inextricably connected with public health responsibilities of other government agencies such as NIAID. Please try to accomplish something meaningful for the American people with this lawsuit by considering using a Parallel Track to include PM2.5 data in future decisions about air quality standards. Although I am not your constituent, by commencing to sue a federal agency you are representing me as a citizen of the United States and in that sense as your constituent. Thank you, Sent to [cody.doig@alaska.gov](mailto:cody.doig@alaska.gov) Alaska Senior Assistant Attorney General Cody Doig [Jason.james@ilag.gov](mailto:Jason.james@ilag.gov) Illinois Assistant Attorney General Jason James [Sgoldstein@oag.state.md.us](mailto:Sgoldstein@oag.state.md.us) Maryland Special Assistant Attorney General Steven Goldstein [Turner.Smith@mass.gov](mailto:Turner.Smith@mass.gov) Massachusetts Assistant Attorney General Turner Smith [Peter.Surdo@ag.state.mn.us](mailto:Peter.Surdo@ag.state.mn.us) Minnesota Special Assistant Attorney General Peter Surdo [Lisa.Morelli@law.njoag.gov](mailto:Lisa.Morelli@law.njoag.gov) New Jersey Deputy Attorney General Lisa Morelli [Nicholas.Buttino@ag.ny.gov](mailto:Nicholas.Buttino@ag.ny.gov) New York Assistant Attorney General Nicholas Buttino [Paul.Garrahan@doj.state.or.us](mailto:Paul.Garrahan@doj.state.or.us) Oregon Attorney-in-Charge Paul Garrahan [Steve.Novick@doj.state.or.us](mailto:Steve.Novick@doj.state.or.us) Oregon Special Assistant Attorney General Steve Novick [Nick.persampieri@vermont.gov](mailto:Nick.persampieri@vermont.gov) Vermont Assistant Attorney General Nick Persampieri [Caroline.cress@atg.wa.gov](mailto:Caroline.cress@atg.wa.gov) Washington Assistant Attorney General Caroline Cress [Chris.reitz@atg.wa.gov](mailto:Chris.reitz@atg.wa.gov) Washington Assistant Attorney General Chris Reitz [Jenniferd@pscleanair.gov](mailto:Jenniferd@psccleanair.gov) General Counsel, Puget Sound Clean Air Agency Jennifer A. Dold [Jeanne.marrazzo@nih.gov](mailto:Jeanne.marrazzo@nih.gov) Director of National Institute of Allergy and Infectious Diseases Jeanne Marrazzo [Hugh.Auchincloss@nih.gov](mailto:Hugh.Auchincloss@nih.gov) January to July 2023 acting Director of National Institute of Allergy and Infectious Diseases Hugh Auchincloss [Lawrence.Tabak@nih.gov](mailto:Lawrence.Tabak@nih.gov) Director of the National Institutes of Health Lawrence Tabak <https://rawsepresidents.wordpress.com/1-please-attach-pdf-letter-to-niaid-director-dr-jeanne-marrazzo-to-an-email-from-you-to-jeanne-marrazzonih-gov/> Episode 56GF July 19, 2023. The Ask: Request a complaint-based system from 10 Attorney Generals suing the E P A to give wood stove users "certainty". The Ask: Emails of 3 NIH officials [jeanne.marrazzo@nih.gov](mailto:jeanne.marrazzo@nih.gov); [hugh.auchincloss@nih.gov](mailto:hugh.auchincloss@nih.gov); [Lawrence.tabak@nih.gov](mailto:Lawrence.tabak@nih.gov) Emails of 13 Assistant Attorney Generals, Deputy Attorney Generals and General Counsel preparing to sue the EPA to provide clarity for indoor residential wood stove manufacturers, vendors, and users. Instead, the assistant attorneys general should ask for a PM2.5 pollution complaint based system in place of the failed wood stove certification program. The states involved are Alaska, Illinois, Maryland, Massachusetts, Minnesota, New Jersey, New York, Oregon, Vermont, and Washington, as well as the Puget Sound Clean Air Agency. A new icon has been added to the RAWSEPresidents Website, which is now the nearest right icon. The icon is an ask that has already been described in Episode 56G B (description of the parties who should be at the table when deciding on "safe" wood stove emission limits and fence line measurements, rather than wood stove certification) and (emails to contact 10 Deputy or Assistant Attorney Generals and one General Counsel) (those PDFs are included at the icon link). Residents Against Wood Smoke Emission Particulates, see <https://rawsepresidents.wordpress.com> and click on the nearest right icon for The Ask: 1)Email PDF letters to 3 officials of the National Institutes of Health (NIH) and NIAID <https://rawsepresidents.wordpress.com/1-please-attach-pdf-letter-to-niaid-director-dr-jeanne-marrazzo-to-an-email-from-you-to-jeanne-marrazzonih-gov/> The Ask 2)Email PDF letters to 13 Assistant Attorneys Generals, Deputy Attorney Generals and General Counsel <https://rawsepresidents.wordpress.com/1-please-contact-10-attorneys-general-about-august-2023-suit-versus-e-p-a-asking-for-certainty-for-wood-stove-users-rawsep-asks-for-complaint-based-sytem-based-on-pm2-5-monitor-data-exceeding-e-p/> To the right of that 3)"Barbie Goes To The Dating Game" <https://rawsepresidents.wordpress.com/1-barbie-goes-to-the-dating-game/> To the right of that 4)"Cookies that may contain Rocks are recalled" <https://rawsepresidents.wordpress.com/cookies-that-may-contain-rocks-are-recalled/> to the right of that 5)"The Fox Owns the Forest" card game <https://rawsepresidents.wordpress.com/the-fox-owns-the-forest-card-game-tba/> then to

the right of that, the latest months, 6)September & 7)August & 8)July 2023, of PDFs of articles with U R L's to search on <https://rawsepresidents.wordpress.com/1-september-2023-pdfs-of-urls/> <https://rawsepresidents.wordpress.com/1-august-2023-pdfs-of-urls/> and <https://rawsepresidents.wordpress.com/1-july-2023-pdfs-of-urls/> To the right of that, 9)Stickers to handout for RAWSEP, 10) Flyers to handout for RAWSEP, Games such as 11)Bingo for RAWSEP, 12)Crosswords for RAWSEP 13)PM2.5JeopardyFree game <https://youtu.be/Lnsg32pYDnc> 14)PM2.5FreeMonopoly <https://youtu.be/cUCK1pscQnQ> & EndWoodSmokeMonopoly 9e)"Vending Machines for PM2.5 monitors", and 15)icon links to 30 minute Youtube videos and Spotify podcasts as well as podcasts.google.com, Castbox and PocketCast. PocketCast is only Free on the phone App. Pocket Cast works on Apple phones) and, below those icons, icon links to monthly URL's of PDFs from June 2023 to May 2022.