

Episode 56UH June 2, 2024. Focus on Energy Wisconsin IRA Heat Pump rebates by Summer 2024.

RAWSEP View of Episode 56UH news stories: Incremental changes and some shutdown of indoor residential wood burning are a step in the right direction, but not enough change needed at this time. Taking individual responsibility for individual contributions to air pollution is needed. Wood burning emits 2.8 times the PM2.5 and CO2 as the fossil fuel coal burning. Wood burning emits 450 times the PM2.5 as the fossil fuel natural gas burning. Wood burning emits 90% PM2.5, particulate matter of 2.5 micrometer size, the perfect size to infiltrate the human lung, setting off a cascade of human health problems and early deaths. PM2.5 also contributes to hastening climate change and increasing wildfires as a result of climate change. Heat pumps are an economical alternative to wood burning for home heating in 2024. Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization would like to 1)hand out PurpleAir PM2.5 monitors to any near neighbor of an indoor residential wood burner whose wood smoke infiltrates the yard of a near neighbor and sickens the near neighbor, 2)pass laws (local ordinances, state laws or a federal law) against wood burning which is proven by PurpleAir PM2.5 data to emit PM2.5 above National Ambient Air Quality Standards (US EPA NAAQS) which in 2024 are 35 micrograms per cubic meter in a 24 hour period and 9 micrograms per cubic meter annually or violates World Health Organization PM2.5 "safe" standards of 5 micrograms per cubic meter annually, and 3)provide subsidies in addition to United States Government subsidies for Heat Pumps to indoor residential wood burners who turn in all the wood burning appliances in one residence and promise not to burn wood again. RAWSEP View comment on the California, Irvine study. All groups are vulnerable to the effects of wood burning pollution on our human lungs. In Episode 56UH: 1)Alaska. The Hazards Behind Burning Trash (including wood). 2)California, Irvine. UC Irvine-led study connects (wood burning emissions) exposure to air pollution. 3)California. Sequoia and Kings Canyon to Enter Stage 1 (wood burning) Fire Restrictions. 4)Michigan, Detroit. Prepare for poor air quality during North America's wildfire season. Requests to control wood burning stoves, possibly only when there is wildfire smoke. 6)Nevada, Incline Village. Seasonal open (wood) burning (permitting) closed for summer. 7)New Mexico, Albuquerque. Health Alert Issued on May 31, 2024, Due To (wood burning) Smoke. 8)Oregon, Bend. Bend wakes up to smoky skies, unhealthy air quality. 9)Oregon, Multnomah County. Air Quality: a public health problem. 10)Australia, Victoria, Geelong. Clearing the air: EPA encourages community to avoid using wood heaters. 11)United Kingdom, Crawley. New Penalties Announced As Crawley Borough Council Battles For 'Clean Air' (with wood burning restricted to Defra approved wood burning appliances). 12)United Kingdom, London. Focus on cities will boost benefits of (indoor residential (or the UK term domestic) wood burning) air pollution action for most vulnerable. 13)United Kingdom, Oxford. Oxford's Smoke Control Area Expansion To Start On 1 December 2024. Smoke Control Areas stop people burning high-polluting (wood) fuels in chimneys and wood-burning stoves to protect the public from microscopic particles. 14)Thailand. June 2024. Air pollution from crop burning soars in northern Thailand. Thailand, March 29, 2024. MSN. Hotel occupancy plummets as air pollution chokes Chiang Mai. 15)Wisconsin and the Inflation Reduction Act rebates for Heat Pumps, an update. May 31, 2024. Inflation Reduction Act Home Energy (Heat Pump) Rebates email from Wisconsin Focus on Energy. (Heat Pumps are an economical alternative to wood burning in 2024). 1)Alaska. The Hazards Behind Burning Trash (including wood). Alaska Wildland Fire Information. Pile of birch wood, trash, debris and mattresses. Environmental Impact. Smoke and particles from burning waste pollute the air, and toxic residue. 2)California, Irvine. UC Irvine-led study connects (wood burning emissions) exposure to air pollution. Newswise. vulnerable

to the health effects of PM2.5 pollution. 3)California. Sequoia and Kings Canyon to Enter Stage 1 (wood burning) Fire Restrictions. National Park Service. Stage 1 fire restrictions prohibit wood and charcoal fires, including wood burning stoves, at elevations of 3,000 feet and below. Campground and.

4)Michigan, Detroit. Prepare for poor air quality during North America's wildfire season. Requests to control wood burning stoves, possibly only when there is wildfire smoke. Detroit Free Press. wood-burning stoves and furnaces; frying or boiling food; burning candles or incense. If there is wildfire smoke, create a clean air room with. Michigan, Detroit. Detroit Free Press. Wildfires are back, and with them is the risk of smoke clouding the metro Detroit sky, polluting the air quality. wood-burning stoves and furnaces. 6)Nevada, Incline Village. Seasonal open (wood) burning (permitting) closed for summer. SierraSun.com INCLINE VILLAGE, Nev. – Effective May 31, 2024, Seasonal Open Burning (wood, slash, or needle piles) will be closed for Incline Village. 7)New Mexico, Albuquerque. Health Alert Issued on May 31, 2024, Due To (wood burning) Smoke. City of Albuquerque. Wood burning is not currently prohibited; however, please consider Health Alert Issued on May 31, 2024, Due To Smoke. Wood burning is not currently prohibited; however, please consider limiting or avoiding wood burning where possible to help protect our air. 8)Oregon, Bend. Bend wakes up to smoky skies, unhealthy air quality. Oregon Public Broadcasting. wood on the forest floor. Jes Burns / OPB/EarhtFix. Bendites woke up to thick smoke blanketing the city on Thursday. 9)Oregon, Multnomah County. Air Quality: a public health problem. Multnomah County. Oregon, Multnomah County. Prepare for poor air quality during North America's wildfire season - Detroit Free Press. Oregon, Multnomah County. Air Quality Awareness Week - Multnomah County. Oregon, Multnomah County. Wood Smoke Pollution. Burning wood contributes to Multnomah County's air pollution. Oregon, Multnomah County. Emissions: diesel, industry and unplanned events - Multnomah County. particulate matter, known as diesel PM 2.5, isn't among them. Industry Emissions. Between 2013 and 2016, the U.S. Forest Service identified heavy. Oregon, Multnomah County. Wood Burning Restrictions - Multnomah County. How the Wood Burning Ordinance Works · If You Must Burn Wood · You Can Still Use Your Grill · Wood Smoke Complaints · Burning Yard Debris. 10)Australia, Victoria, Geelong. Clearing the air: EPA encourages community to avoid using wood heaters. Geelong Times. Times News Group. Vic EPA urges less wood heater use this winter. Smoke harms health, costs billions! Service your heater, use dry wood & burn hot. 11)United Kingdom, Crawley. New Penalties Announced As Crawley Borough Council Battles For 'Clean Air' (with wood burning restricted to Defra approved wood burning appliances). More Radio. (wood) that emits smoke unless it is done so using a Department for Environment Food and Rural Affairs (Defra) approved appliance. 12)United Kingdom, London. Focus on cities will boost benefits of (indoor residential (or the UK term domestic) wood burning) air pollution action for most vulnerable. Imperial News, Imperial College London. This study focused on a type of fine-particle pollution called PM2.5 (pollution particles that are less than 2.5 microns across). The UK, 13)United Kingdom, Oxford. Oxford's Smoke Control Area Expansion To Start On 1 December 2024. Smoke Control Areas stop people burning high-polluting (wood) fuels in chimneys and wood-burning stoves to protect the public from microscopic particles. Oxfordshire Guardian. Smoke Control Areas do not ban the use of chimneys or wood-burning stoves. Smoke Control Areas stop people burning high-polluting fuels in chimneys and wood-burning stoves to protect the public from microscopic particles. Last year, Oxford City Council announced plans to replace the current. United Kingdom, Oxford: Smoke control areas to be expanded across city. Oxford Mail. Smoke control areas (SCAs) are intended to reduce the burning of heavily polluting fuels in chimneys and wood-

burning stoves. This helps shield. United Kingdom, Oxford. Oxford's Smoke Control Area expansion to start on 1 December 2024. Oxford City Council. Smoke Control Areas stop people burning high-polluting fuels in chimneys and wood-burning stoves to protect the public from microscopic particles.

14)Thailand. June 2024. Air pollution from crop burning soars in northern Thailand. Thailand, March 29, 2024. MSN. Hotel occupancy plummets as air pollution chokes Chiang Mai. He had previously blamed PM 2.5 microdust particles for his condition. The New York State Department of Health say PM 2.5 increases the risk of. 15)Wisconsin and the Inflation Reduction Act rebates for Heat Pumps, an update. May 31, 2024. Inflation Reduction Act Home Energy (Heat Pump) Rebates email from Wisconsin Focus on Energy. (Heat Pumps are an economical alternative to wood burning in 2024). Where are we in the process for getting IRA Home Energy Rebate Programs launched in Wisconsin? The Public Service Commission (Commission) reviewed the application and the memorandum outlining key decisions at their open meeting on April 25, 2024. They approved the submission of an application to the Department of Energy (DOE). Pending DOE approval, the Commission hopes to launch the program as soon as late summer 2024. What's Next? Program staff are working to make sure programs launch soon after DOE approval. By visiting the IRA Home Energy Rebates website, you can see updated information, including: rebate amounts by income level, information on how to receive retroactive rebates for projects completed before rebates are available, and other resources to prepare for program participation. If you are a Focus on Energy Trade Ally or contractor who would like to offer IRA Home Energy Rebates, stay tuned for training and registration information in the coming weeks. You are part of this list because of your registration in stakeholder outreach events or, requesting to receive, program updates. Additional questions can be sent to IRAHER@focusonenergy.com. **The Electrification and Appliance Rebate Program offers rebates for installing qualifying equipment. A single household cannot receive more than \$14,000 total in rebate dollars from this program. High income households (>150% AMI) are not eligible for this program.** Type of Home Energy Project Home Electrification Project Qualified Technologies (only households below 150% AMI are eligible), Households below 80% Area Median Income (AMI) Energy Star electric heat pump for space heating up to \$8,000, households between 80% and 150% AMI, Households above 150% AMI Not Applicable. Electrical load service center (electrical panel) up to \$4,000. Electrical wiring up to \$2,500. Insulation, air sealing, ventilation up to \$1,600. ***A household's combined rebate for a qualifying electric stove, range, or oven AND a heat pump clothes dryer cannot exceed \$840 in total.**