

Episode 56JL. October 1, 2023. Flyer for 501 (c) (3) RAWSEP non-profit. Promises, Promises.

<https://rawsepresidents.wordpress.com>. RAWSEP wants YOU to get a PM2.5 monitor & a Heat Pump that works at 40 degrees below zero Fahrenheit! Everyman finally will breathe wood smoke free air! Thanks, Auntie RAWSEP! (Residents Against Wood Smoke Emission Particulates Corporation, a 501(c)(3) non-profit). Up to now, many of the wood stove replacement programs have replaced polluting wood stoves with equally polluting or only slightly less polluting wood stoves. RAWSEP is working to, in the future, begin a pilot program which they hope will serve as a template for government to hand out PM2.5 monitors to any near neighbor of an indoor residential wood burner whose wood smoke enters the near neighbor's yard and sickens the near neighbor. RAWSEP also hopes that now that Residents Against Wood Smoke Emission Particulates Corporation is a 501 (c) (3) nonprofit, that RAWSEP will be part of an effort to make Heat Pumps affordable and easy to acquire for everyone. Stay tuned for 2024 or join RAWSEP to be part of the solution to the problem of PM2.5 particulates of 2.5 micrometer size, the perfect size to infiltrate the human lung. Wood burning smoke is 90% PM2.5 and wood burning emits more PM2.5 and CO2 than coal burning. Wood burning also emits 450 times the PM2.5 as natural gas burning, so that using natural gas for heat is a bridge to the cleanest home heating alternative of wind, solar and geothermal energy sources for a smart electric grid that extends even to all rural areas and powers Heat Pumps that work at 40 degrees below zero Fahrenheit and can also work as air conditioners, and which are so efficient that they bring down monthly heating bills! PM2.5 monitor maps recently have told the millions of Americans affected by Canadian wildfire smoke whether the air is clean enough to exercise outdoors in, rather than sitting in a sealed home to avoid breathing in the harmful wood smoke. Those U S Environmental Protection Agency (E P A) Airnow Maps of Smoke and Fire consisted of readings from PM2.5 monitors, some \$100,000 EPA PM2.5 monitors and most \$249 PurpleAir PM2.5 monitors, often purchased by RAWSEP members, with PurpleAir PM2.5 monitors calibrated to EPA monitors with a simple mathematical formula. Hyper-localized PM2.5 monitors can also gather data every 10 minutes, 24 hours a day on the PM2.5 levels of indoor residential wood burning PM2.5 entering the near neighbors' yards that exceed National Ambient Air Quality Standards (NAAQS). There aren't enough PM2.5 monitors now. For instance, there is only one PurpleAir PM2.5 monitor in the 53716 zip code. We'd like to change that, and be able to use PurpleAir PM2.5 monitor data to shut down polluting indoor residential wood burning that emits levels of PM2.5 above NAAQS. Over 525 videos on Youtube, & Spotify & Amazon MusicPrime podcasts <https://rawsepresidents.wordpress.com>. This is Episode 56JL