Episode 56EHa May 18, 2023. Explanation of Jeopardy Game Slide by Slide.
Residents Against Wood Smoke Emission Particulates
Episode 56EH Play the Jeopardy Game
This is an intro to the Jeopardy game using video.
Jeopardy!
This is Climate and Health Jeopardy from Wood Burning.
If you don't want to know and hear the Winning Jeopardy questions before seeing and hearing the Jeopardy answers later, cover your ears now!

Category 1 $200 2.5 micrometer
Category 1 $400 12
Category 1 $600 35
Category 1 $800 8
Category 1 $1000 25
Category 2 $200 90
Category 2 $400 2.5
Category 2 $600 Lung Cancer and Asthma
Category 2 $800 Hyper-localization of Emissions
Category 2 $1000 Infiltration of PM2.5 into neighbors' homes
Category 3 $200 indoor residential wood stoves
Category 3 $400 agricultural stubble burning to clear fields
Category 3 $600 indoor residential wood stoves
Category 3 $800 indoor residential wood stoves
Category 3 $1000 indoor residential wood stoves
Category 4 $200 Heat Pumps
Category 4 $400 The Netherlands
Category 4 $600 Iron-Air Batteries
Category 4 $800 Price trajectory downward
Category 4 $1000 No viability without subsidies
Category 5 $200 Drax
Category 5 $400 Cutback on subsidies for Biomass (wood) burning plants in European Union
Category 5 $600 Carbon Neutrality
Category 5 $800 Carbon Neutrality is not true.
Category 5 $1000 Japan
Category 6 $200 Maine Senator Susan Collins
Category 6 $400 PurpleAir PM2.5 monitor
Category 6 $600 Correlated with a simple mathematical formula.
Category 6 $800 PM2.5 monitor
Category 6 $1000 Health Department

To PLAY: scroll down this PDF to Answers on Board. ➢ Questions HERE for Categories ➢ 1 thru 6, $200, $400, $600, $800, $1000 ➢ To see this Jeopardy Question slide again, scroll up to this Slide 2. ➢ Scroll down to resume viewing Jeopardy answers. You are a Winner just for reading this!
See the Jeopardy Board of Answers

Category 1 $200 PM2.5 size
Category 1 $400 Current E P A "safe" annual level of PM2.5, in micrograms per meter cubed

Category 1 $600 Current E P A “safe” daily level of PM2.5, in micrograms per meter cubed
Category 1 $800 Environmentalists’ suggested annual 365 day average “safe” limit of PM2.5, in micrograms per meter cubed
Category 1 $1000 Environmentalists’ suggested daily 24 hour average “safe” limit of PM2.5, in micrograms per meter cubed
Category 2 $200 The percentage of indoor residential wood smoke burning emissions that are PM2.5
Category 2 $400 The perfect size of particulate matter to infiltrate the human lung, in micrometers
Category 2 $600 Two of the the main health problems caused by indoor residential wood burning emissions
Category 2 $800 Why near neighbors of indoor residential wood burners experience more wood burning pollution than other neighbors
Category 2 $1000 Why near neighbors of indoor residential wood burners have to use air purifiers inside their homes.
Category 3 $200 Residential heating method since 2019 has produced more PM2.5 pollution in the United Kingdom than vehicle exhaust
Category 3 $400 Produces the most PM2.5 pollution in India during Diwali festival in December (not fireworks)
Category 3 $600 What dirty heating devices NOT to supply to Ukraine, for humanitarian reasons (to prevent air pollution)
Category 3 $800 What dirty heating devices NOT to supply to refugee camps, for humanitarian reasons (to prevent air pollution)
Category 3 $1000 What dirty cooking devices NOT to supply to Africa, for humanitarian reasons (to prevent air pollution)
Category 4 $200 Advanced technology that heats homes at down to 40 degrees below zero Fahrenheit
Category 4 $400 European Country where wind energy recently, briefly, had a negative cost to consumers.
Category 4 $600 Name of the lowest-cost industrial scale battery that can store 100 hours of energy at a time
Category 4 $800 Wind and Solar energy price trajectory
Category 4 $1000 Biomass (wood) burning economic viability without subsidies
Category 5 $200 2nd largest Biomass Plant in the World (receives subsidies from United Kingdom, and

receives wood shipped from British Columbia and the U.S.)
Category 5 $400 European Union cutback in 2022 of way of propping up Biomass (wood) burning economic viability
Category 5 $600 Political theory that CO2 and PM2.5 emissions from Biomass (wood) burning don't count, although wood burning produces higher levels of emissions than Coal burning.
Category 5 $800 Scientists' overwhelming opinion on whether Biomass (wood) burning is Carbon Neutral
Category 5 $1000 Country that, as of April 2023, discloses amount of PM2.5 emitted from the stacks of its Biomass (wood) burning plants
Category 6 $200 Maine Senator who was deciding vote to keep Carbon Neutrality in United States legal jargon in December 2022
Category 6 $400 PM2.5 monitor brand that is used side by side with $100,000 U. S. E P A PM2.5 monitors on Airnow Maps of Smoke and Fire
Category 6 $600 How low-cost PurpleAir PM2.5 monitors are correlated with $100,000 U.S. E P A monitors
Category 6 $800 Low-cost technology that could measure fenceline PM2.5 emissions from indoor residential wood burning and store the data online for use by local government authorities
Category 6 $1000 Local government department viewing data from hyper-localized PurpleAir PM2.5 monitors owned by near neighbors of indoor residential wood burners.

Winner!