

Episode 56ZR November 7, 2024. California and India share stubble burning air pollution crises.

H for Heat Pumps. H1A United States. Electrolux Professional completes its heat pump dryer range. Laundry And Cleaning News. Electrolux Professional has announced the launch of its new Line 6000 TD6 11 heat pump tumble dryer, with the appliance serving as the latest. H1B United States. Enter the AI-powered propane heat pump. Cooling Post. The HEMS learns the thermal performance of the home, typical energy use and user preferences in order to adapt flow temperatures and heating schedules H1C United States. The government is giving businesses enormous tax benefits to install solar panels. The Cool Down. If your business has high energy costs, going solar could save you tons of money. And there are major incentives to help you get started. H1D United States. The government is offering homeowners \$840 for money-saving clothes dryers: 'It's the future'. Yahoo. The U.S. Department of Energy estimates the overall rebates will ultimately save Americans up to \$1 billion every year on energy bills. H1E United States. Heat pumps are cheaper thanks to Biden. Buy one now in case Trump kills the incentives. Fast Company. Trump has said he wants to dismantle the Inflation Reduction Act, which includes tax credits and rebates for consumers to buy clean. If you want to switch to a heat pump or induction stove, this might be a good time to do it. Donald Trump has said that he wants to dismantle the. H1F United States. Nearly 40 million Americans can now access 'historic' rebates. The Cool Down. The Inflation Reduction Act is making it easier than ever for homeowners to save money on sustainable home upgrades. H1G United States. The perfect gift for your favorite climate nerd. this heat pump fashion statement. Fast Company. Heat pumps are having a moment and now you can snag merch to match. H1H United States. The Rise of Electric Vehicle Heat Pump Systems Market. Longview News Journal. Heat pumps warm the interior of the car more efficiently than simply drawing energy from the batteries. Heat pump systems are not range-extenders in themselves but rather a tool that allows electric vehicles to be more efficient and not lose as many. PR Newswire. H1i United States. Surveys Indicate Several Roadblocks to Heat Pump Installation. The Redditch Standard. However, heat pump technologies can have significant benefits, being up to 4 or 5 times as efficient as boilers. Heat pumps can decrease energy. H1J United States. Threads 10 am 11/6/2024. Do you like watching your neighbors light their own house on fire? Because that's what it feels like to be a Canadian right now ca. H1K United States. Three Reasons Variable Speed Compressors are the Answer for Heat Pumps. ACHR News. Government incentives and tax credits have made the switch to heat pumps more affordable for consumers who want to lower energy costs and improve. H2 California. State program blocks insurance companies from dropping more than 750,000 customers. The Cool Down. A moratorium prevents insurance companies from dropping coverage for people affected by the Line, Airport, and Bridge fires in California. H3 Colorado. Temperature Rebates, rebates, rebates. You can't afford NOT to go electric! The Colorado Sun. Colorado rolls out more home electrification rebates. Up to \$8,000 for a cold-climate rated, Energy Star-rated heat pump/air conditioning unit. H4A Massachusetts Dartmouth. Dartmouth helping residents pay for heat this winter; here's how to apply. MSN. WPRI. The town of Dartmouth is now accepting applications for its heating assistance program this winter. Qualified households will be eligible to. H4B Massachusetts Newton. Debunking Common Myths About Heat Pumps Newton, MA Patch. Debunking Common Myths About Heat Pumps. Newton, MA. There are a lot of myths out there about heat pumps in Massachusetts. here's the truth. "heat pump" is misleading, since it suggests these systems can only be used for heating. In reality, heat pumps, which are also referred to. H5 New Hampshire. Energy efficiency rebates likely available by summer 2025, NH officials say, after slow start. The Keene Sentinel. The state is expected to receive about \$70 million from the federal Inflation Reduction Act to provide rebates on appliances like electric heat pumps. H6 Washington, D.C., Now Offering Home Energy Rebates. ACHR News. The federal rebates will provide up to \$8,000 for an Energy Star certified HVAC heat pump system, for example. The District's HER program will. H7 Wisconsin. Madison Gas and Electric Newsletter. November 6, 2024. Heat Pump Rebates launching soon. An Energy-Efficient Option. A closeup of a heat pump on the side of a home. Heat pumps can help reduce your environmental impact. If you're thinking about replacing your heating or cooling system and are looking for an energy-efficient option, you might consider a heat pump, powered by an increasingly greener grid. What is a heat pump? Heat pumps transfer heat from one space to another. For example, during heating-season, heat pumps move heat from outdoors into warm spaces inside your home. In the summer, the opposite occurs—heat pumps remove warm air from your home and move it outdoors. A

refrigerator is a heat pump! It uses electricity to move heat from inside the fridge to the surrounding room, so food stays cold. Air conditioners also are heat pumps, moving heat from indoors to outdoors. Heat pumps are more energy efficient as they concentrate and transfer heat rather than generate it. Energy efficiency benefits. Heat pumps can be used for both heating and cooling, potentially reducing the need for two different types of equipment. They typically have a lifespan of around 15 years, require low maintenance and are powered by electricity, reducing their environmental impact and cost of heating and cooling when compared to conventional electric-resistance, propane or oil-heating sources. Types of heat pumps . A cold-climate air-source heat pump is able to heat or cool a home by transferring heat to and from the air through refrigerant lines. These refrigerant lines then work with an inside air-handler unit and ductwork to distribute heated or cooled air throughout the home. There also are ductless versions available often called mini splits consisting of an outdoor compressor unit that connects to indoor units often called cassette heads. These are small wall- or ceiling-mounted units that blow the heated or cooled air into the living space. A geothermal or ground-source heat pump heats or cools your home by moving heat to and from the ground through a series of buried tubes that have a water and antifreeze mixture. These tubes work with an inside air-handler unit and ductwork to distribute heated and cooled air throughout the home. A "desuperheater" can be added to a geothermal heat pump to provide water heating. Dual-fuel systems allow for the flexibility of heating with a heat pump and/or with a more traditional natural gas or liquid propane LP furnace. The colder the outside air temperature, the less heat there is available, and heat pump efficiency can decrease. This makes a backup heating source a good idea in a colder climate. A dual-fuel system also can give customers the opportunity to use each system optimally based on costs and environmental benefits. Current incentives. MGE's partner in energy efficiency, FOCUS ON ENERGY®, is offering incentives for purchasing and installing various heat pumps. Find more information at focusonenergy.com. The Inflation Reduction Act's Home Efficiency and Appliance Rebate HEAR program will be launching soon, offering income-eligible households an instant rebate on qualified heat pumps. To learn more, visit. focusonenergy.com/ira-hear. H4A Canada British Columbia. Energy Matters: How to avoid furnace frustrations. Keremeos Review. Whether you heat with a furnace, heat pump or both, having a qualified professional perform an annual safety and maintenance check can help avoid. Rossland News. For heat pumps, you can book a service with a qualified heat pump Plus, FortisBC helps offset the cost of regular maintenance with a rebate of \$50. H4BCanada British Columbia. Heat pumps a hit with owners of manufactured homes. BC Hydro. After a heat pump was installed in mid-December, their electricity bills decreased, and they're looking forward to a summer with heat pump cooling. We have heat pump rebates of up to \$2,000. But for those who qualify by income, the Energy Conservation Assistance Program ECAP offers. H4C Canada. NOVAIR Heat Pumps Expands Operations in Eastern Canada. Yahoo Finance. By converting these homes from electric baseboard heating to cold climate heat pumps, which operate with very high efficiency, NOVAIR's technology can. GlobeNewswire. NOVAIR Heat Pumps expands into Eastern Canada, offering affordable, high efficiency heating solutions operating down to 35°C to enhance energy. H5 Ireland Dublin. Industrial Heat Pump Industry Research 2024 2030. From Food Processing to Pharmaceuticals. Yahoo Finance. Dublin, Nov. 05, 2024 GLOBE NEWSWIRE. The Industrial Heat Pump Market. Market Size, Trends, Opportunities and Forecast By End Use Industry. H6A United Kingdom. Have You Considered the Benefits of a Heat Pump? Sippican Week. Wareham Week. Heat pumps have been around for more than a century, but over the past few years they have surged in popularity. H6B United Kingdom. Heat pumps: the missing piece in aluminium industry's decarbonization puzzle. alcircle. Heat pumps are better energy efficient than conventional heating mechanisms with gas or oil boilers, emitting less carbon cumulatively. According to. H6C United Kingdom. Professional Insights: Heat pumps are all the buzz now, but do they really work? Hopkinton Independent. With the shift toward sustainable energy solutions, heat pumps have quickly gained popularity as an efficient way to heat and cool homes. H6D United Kingdom. UK startup launches AI air-source residential heat pump. PV Magazine. UK-based Wondrwall says its new heat pump has a coefficient of performance of up to 4.99, with an inlet-outlet temperature of 30 C to 35 C. H6E United Kingdom. Why is Guy Fawkes 11/5/2024 the most polluted day of the year? Guy Fawkes is regularly the most polluted day of the year in the UK, although scientists from King's College London have found that pollution from bonfires – the traditional way of marking Guy Fawkes – is also a part of this mixture. Fireworks can have significant effects on air pollution in enclosed spaces, too. H6F United Kingdom. Wondrwall

launches AI controlled heat pump. Installer Online. heat pump. Wondrwall has launched an AI controlled heat pump alongside its infrared and electric underfloor heating systems. Utilizing cutting edge. H7 Denmark. SCM Frigo and Fenagy Launch CO2 Heat Pump. Natural Refrigerants. The Smart Heat Pump range consists of 11 water-to-water and seven air-to-water models, covering capacities of 30–300kW. H8 Germany. Bosch launches cold climate heat pump. HPAC Magazine. The IDS Ultra marks the first product that participated in the Department of Energy's Cold Climate Heat Pump Challenge to enter the market. 1 United States. Why do we burn more coal and wood than ever asks a provocative book. New Scientist. In More and More and More, The author argues that tackling climate change means rethinking our history of energy consumption. 2A California Carmichael. Residential Wood Burning Restrictions Begin Nov. 1, 2024. Carmichael Times. 5 is forecast to be high, the Sac Metro Air District restricts burning of solid fuels, including wood, pellets and manufactured fire logs. 2B California. Expanded emissions regulations to be enforced in California ports starting in 2025. Baird Maritime. Regulated emissions are nitrogen oxide NOx, particulate matter 2.5 PM2.5, and reactive organic gases ROG. The primary regulated parties. 2C California San Joaquin Valley. Valley residents urged to curb wood burning. The Sun Gazette Newspaper. Particulate matter may contain inorganic ions, metallic compounds, elemental carbon, organic compounds and compounds from the earth's crust. Particles. San Joaquin Air Pollution Control District wants residents to cut down on burning wood until the end of February. 2D California Sonora. Burning Debris Piles Will Be Allowed Again Later This Week. myMotherLode.com Residents burning need to use caution and follow the rules stated on the burn permit. The burning of trash, painted wood or other debris is not. 3 New York. Westchester County issues ban on open fires in parks due to dry conditions. ABC7 New York. The burning of tree limbs or other organic debris is . Safely dispose of any charcoal used in a grill or ashes from wood burned in a fireplace. Open Fire Ban Issued for Westchester County Parks Effective Immediately. Westchester County Parks. burn ban is in effect. Safely dispose of any charcoal used in a grill or ashes from wood burned in a fireplace. 4 United Kingdom Manchester. Campaign throws spotlight on how to 'burn better' at home this winter in Greater Manchester. aboutmanchester.co.uk Tiny particles in smoke from open fires, wood burners or stoves can . particulate pollution released into their homes: Choose fuels that. 5 Australia Tasmania Clarence. Backyard burning Clarence City Council. Consider the proximity of any nearby residents. Ensure you only burn clean/untreated and uncontaminated wood, dry vegetation and dry vegetative waste. 6A India Delhi. 6 locations across Capital consistently in 'severe' zone. Latest News Delhi Hindustan Times. PM2.5 concentration of these locations being higher than Delhi's mean PM2.5. Anand Vihar was the most polluted in the city across the last three years. 6B India Delhi. Delhi sees first morning fog, 'severe' pollution continues. The Navhind Times. PM2.5 consists of fine particulate matter capable of penetrating deep into the respiratory system and triggering health problems. 6C India Lahore. World city Lahore on lockdown as toxic smog closes schools and halts all construction work. MSN. The Punjab Environment Protection Department said that the concentration of PM2.5, or tiny particulate matter, in the air, approached 450, 6D India Punjab. Punjab's Stubble Burning Crisis: 262 New Fires Reported, Total Hits 4,394. Times of India. Average AQI PM2.5 was recorded at 262 in Amritsar poor. It was 175 in Bathinda, 167 in Jalandhar, 125 in Khanna, 143 in Ludhiana, 223 in Mandi. 7A PM2.5 and adipokines. Exposure to air pollution is associated with adipokines in midlife women ScienceDirect.com Abstract. This study examined the associations between ambient air pollution exposure, including fine particulate matter PM2.5, 7B PM2.5 and cancer in women who never smoked. Dr. Chen Discusses the Link Between PM2.5 Exposure, Lung Cancer in Women Who Never Smoked. Docwire News particulate matter less than 2.5 micrometers in diameter PM2.5 and lung cancer in people who have never smoked. Dr. Chen explained. 7C PM2.5 and nonaccidental death. Influence of air pollution on the nonaccidental death before and after the outbreak of COVID 19. BMC Public Health BioMed Central. With an increase in PM2.5 by 10 $\mu\text{g}/\text{m}^3$, the excess relative risks ER of nonaccidental death of residents increased by 1.01%