

Why? Democrats Why?

Democrats tell us they are the party of science and facts. So, why are they enacting laws that defy science and facts? For example, Democrats have recently passed laws banning gas stoves and banning gas cars. Science and facts force us to conclude that these laws will make air pollution worse in at least three ways: more methane in the air, more micro plastics in the air, and more energy used.

MORE METHANE IN THE AIR

Democrats believe that methane is a green house gas which is warming the Earth. Methane is added to our atmosphere by decaying plants, land fills, and accidental release. Gas stoves that Democrats are banning remove methane from the air.

You see, methane floating in the atmosphere ignites at any temperature above 537 °C (999 °F).

Chemical, physical and thermal properties of methane:

Values are given for gas phase at 25 °C / 77 °F / 298 K and 1 atm., if not other phase, temperature or given.

Property	Value	Unit	Value	Unit	Value	Unit
Autoignition temperature	810	K	537	°C	999	°F

Source: https://www.engineeringtoolbox.com/methane-d_1420.html

The open flame on a natural gas stove burns at 1,960 °C (3,560 °F).

Flame temperatures for some commonly used fuel gases:

Fuel Gas	Combustion with Oxygen (°C)	Combustion with Air (°C)
Acetylene	3480	2500
Butane		1970
Carbon Monoxide		2121
Ethane		1955
Hydrogen	3200	2210
MAPP ¹⁾	2927	2010
Methane		1950
Natural Gas		1960
Propane	2526	1967
Propane Butane Mix		1970

Source: https://www.engineeringtoolbox.com/flame-temperatures-gases-d_422.html

By consuming methane in their flames, gas stoves scrub the atmosphere of methane. Why are Democrats preventing scrubbing the atmosphere of methane?

MORE MICRO PLASTICS IN THE AIR

According to the US National Institutes of Health (NIH), micro plastics (MPs) are bad for our health:

Potential health risks of some studies on MPs as vectors of MOs and pathogens

Category	Species	Polymer constituent of MPs	Health effects	Reference
Bacteria	<i>Vibrio</i> spp.	PET, PE, PS, PP	Cholera, gastrointestinal diseases, wound infections, and sepsis	88, 127–129
Bacteria	<i>Pseudomonas monteilii</i> , <i>Pseudomonas mendocina</i>	PVC	Hypersensitivity pneumonitis and bronchiectasis due to exacerbation, nosocomial infections, central nervous system infections, and skin and soft tissue infections	104 and 130
Bacteria	<i>Vibrio</i> spp., <i>Escherichia coli</i> , <i>Tenacibaculum discolor</i> , <i>Acinetobacter oleivorans</i>	PET, PE, PP	Hemolytic uremic syndrome and hemorrhagic colitis lead to acute renal failure and death. They can also cause extraintestinal diseases and sepsis	86, 105, 129 and 131
Fungi	<i>Fusarium oxysporum alternaria</i> <i>alternata</i> , <i>Diadmella glomerata</i> , <i>Cladosporium</i> , <i>Phoma</i> and <i>Curvularia lunata</i> , <i>N. diffluens</i> , <i>Rh. mucilaginoso</i> , <i>R. anthropophila</i> , <i>P. herbarum</i>	PE, PA, PP,	Fusariosis, eumycetoma and phaeohyphomycosis, bronchopulmonary infections, cutaneous, subcutaneous, and systemic	87 and 132
Bacteria	<i>Enterococcus faecalis</i> , <i>Acinetobacter baumannii</i> complex	PET, PVC, PS, PE, PP	Nosocomial bloodstream infections, pneumonia, and infective endocarditis can cause	133–135

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Source: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9993231/>

“Several studies have confirmed the presence of MPs inside the human body.^{170,171} Once inside, MPs can migrate to various tissues by translocation, move to the lymphatic system, accumulate in organs, or affect the immune system.¹⁷² MPs have been found even in the human placenta.¹⁷³”

“It has been estimated that, on average, a person inhales between 26 and 130 MPs per day,¹⁸⁴

Source: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9993231/>

What have Democrats done in the presence of this threat to our health?

Banned gas stoves that remove micro plastics from the air!

The open flame on a natural gas stove burns at 1,960 °C (3,560 °F) (see documentation above).

Plastics burn at any temperature above 580 °C (1,076 °F)

Source: <https://www.tcforensic.com.au/docs/article10.html#2.1.2>

Thus, any micro plastics floating in the air that get into the flame of a gas stove are immediately consumed as they pass through the flame.

Why are Democrats preventing scrubbing the atmosphere of micro plastics?

2.1.2 PLASTICS

Melting points and ignition temperatures		
Plastic	Melting Point Range	Ignition Temperature
ABS	88°-125°	416°
Acrylics	91°-125°	560°
Cellulosics	49°-121°	475°-540°
Nylons	160°-275°	424°-532°
Polycarbonate	140°-150°	580°
Polyesters	220°-268°	432°-488°
Polyethylene ld	107°-124°	349°
Polyethylene hd	122°-137°	349°
Polypropylene	158°-168°	570°
Polystyrene	100°-120°	488°-496°
Polyurethanes	85°-121°	416°
PTFE	327°	530°
P.vinylidenechlor	212°	454°
PVC	75°-110°	435°-557°
Wool		228°-230°
Cotton		250°
Rubber		260°-316°

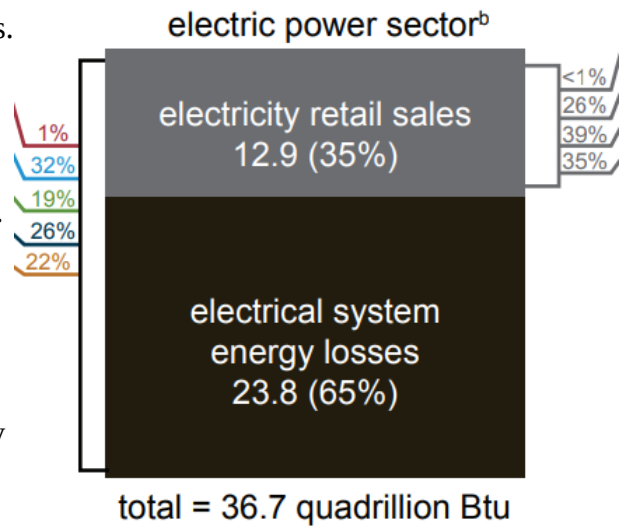
TRIPLING OUR ENERGY USE

Electricity is clean energy once we have it in our homes. Getting the electricity to our homes is the problem.

The U.S. Energy Information Administration (EIA) reported that in 2020, in the USA:

- 36.7 quadrillion Btu were used to generate electricity.
- 23.8 quadrillion Btu was “energy losses”.
- 12.9 quadrillion Btu of electricity was sold.

Thus, about 2/3 of the energy used to generate electricity was “... lost during the generation, transmission, and distribution of electricity ...” and only 1/3 was available for use.



Source: <https://www.eia.gov/energyexplained/us-energy-facts/images/consumption-by-source-and-sector.pdf>

Said another way, replacing gas stoves and gas cars immediately triples the raw energy input used. The country has to use three times as much energy input to get the same energy output.

- By banning gas cars and banning gas stoves:
- Democrats are preventing scrubbing methane out of the air.
- Democrats are preventing scrubbing micro plastics from the air.
- Democrats are tripling energy uses in our country.

Why? Is it ignorance, or incompetence, or what?