

Environmental Insanity – Doing the same mistake over and over expecting global cooling to start.

Nobel Prize winner and physicist Dr. John Clauser told the audience and the world, “I don’t believe there is a climate crisis at a lecture at Seoul Korea on June 26, 2023. He went on to say “The world we live in today is filled with misinformation. It is up to each of you to serve as judges, distinguishing truth from falsehood based on accurate observations of phenomena.”

Judith Curry has published s new book titled “Climate uncertainty and Risk Rethinking our response”. Judith was pulled into one of the original alarmist movements as a Weather expert and now clears the record that it’s not an Emergency. A quote is “avoid the Emergency trap” and there are many uncertain causes and variables.

As an Engineer who processes data on Global Projects I note the record high temperature ever recorded was 134 in Death Valley California in 1916, 107 years ago.

The two deadliest hurricanes were the Lake Okeechobee Florida hurricane killing 2,500 in 1928 and the Galveston TX hurricane in 1900 killing 6,000-12,000 estimated people. The most Devastating disasters in recent History happened 95 – 123 years ago basically when the Model T was just starting to catch on. About 15 million model T’s were built by the Florida hurricane’s time in 1928 not the 300 million cars we currently have estimated on the road in the USA emitting more CO2. A quick check however is energy production is the main contributor to CO2 not cars so why are we focusing on the 16% of the CO2 issue and not the main issue?

We have already had a test of near zero car pollution, better than switching to electric vehicles during the covid crisis where everyone stayed home for two years. All we had to do was look at the freeways and we knew car pollution dropped 90% for a few years. The temperature did not go down right? That was verified.

The North and South Pole have melted and reformed 5 times over earth’s history and we are still here watching them melt slowly right now. If a few volcanoes erupt above water in the near future we could see global cooling or an Ice age if several go at once. So we think the temperature went up one degree in the last 123 years, Sounds pretty stable right but what is the margin of error on that? Are we really sure it even went up? How good were records before that to compare it to anything? By the way medieval Europe was measured at 9 degrees hotter and that’s recent history and the outcome was more food was grown. So we are currently 8 degrees cooler than that right?

So let’s have a common sense discussion here.

We hear a lot about the government incentives and future mandates on our Cars and appliances to prevent a supposed global warming disaster but we don’t see clear planning policy on how we will increase power generation and the grid with this zero carbon power to charge these new government mandates.

Until the government is transparent, aka, truthful, on this critical issue, we are headed for a financial and logistics train wreck in the very near future and less than 3 years with California’s electric car

mandates. Why do we care about California, because they will get a Democratic Washington to bail them out with all of our taxes?

A quick look at the Texas situation shows they have very large wind and solar power capacity but also they have had times when that Green power drops off to only 1% of the grids needs.

Looking at Texas, Common sense tells us all Green energy but nuclear power means we have to build two power plants for the price of one for wind and solar resulting in another USA double the cost for power. The wind stops blowing and more important the sun goes down right when most of us get home and plug in to recharge our future Biden mandated Electric car. Battery backup is even more expensive and an environmental manufacturing and recycling issue as they last about 7-10 years best case.

By the way if 100% of all cars switched to electric and 100% of all energy was green that's only 16% of the CO2 question in the US and compared to the worlds pollution it is really insignificant. A heads up we will not be 100% electric ever. New technology like Hydrogen will be invented to result in a mix of cars fuels being used including say 1/3 of them electric and 1/3 hybrids.

The biggest impact we personally see is most Electric cars have a \$10k premium over the cost of a gas powered car but wait for the next sentences. If we buy a home solar panel install to actually use clean power and maybe decrease our carbon footprint then add another \$15k, but then to charge at night we need a battery backup and those batteries need replaced about every ten years at a cost of say \$10k each or \$20k more again so –

If we do not buy a solar charging system then currently 80% of the power to charge cars is fossil fuel just like gas powered cars so add that to the higher carbon penalty required to manufacture electric cars Batteries which is over 100,000 tons of mined ore plus thousands of gallons of water to refine it per car and the Carbon advantage soon goes to zero or even less than zero in some estimates. Currently unfriendly countries are mining the majority of that ore so supply and cost issues are likely as we ramp up electric car production and try to address those country's issues harming the USA. We are setting ourselves up for a supply problem on Electric car batteries from our worst enemies.

So now we have a 10K premium for the electric car, a \$15K solar panel system needed to stay with green power and two \$10k battery systems for the 20 year life of the solar panels to charge at night and we just spent \$45k over the cost of a Fossil fuel car so we could charge it with the sun and that's crazy but we are still not done. A side note is some electric car owners say public charger added profit fees result in higher costs to charge than if they just stayed with their old gas vehicle. Not validated but not a good feedback from EV users. Not to mention slow chargers if available on vacation resulted in 8 hours of sitting there out of a 7 day vacation waiting to continue their trip across country or an entire lost day on a 7 day vacation.

Now anyone who has bought a home knows the cost of a mortgage makes the final price of the house sometimes double what it cost to pay for it with cash. So let's say about 7% interest loan penalty on the \$15k solar loan not including batteries so we can charge at night for 20 years and we just added another \$20k to the price over the zero it would have cost us to not buy a solar panel system and just buy a gas

car. But you say wait, you did not include the cost savings charging instead of paying for gas. Well as stated above some see public charging costing more than gas cars but let's figure you buy a home charger at \$1k. OK let's work that out. Tesla sites say you can charge up for about \$15 versus over \$50 for a gas car. So let's figure a tank a week on light driving saves us \$35 a week for 10 years before we buy a new car. That's a savings of \$21.6K but wait again. An Electric or Hybrid SUV needs to have its battery replaced as soon as the 100,000 mile warranty expiration date and the dealers charge from \$15K to \$20k for that depending on the car. This will frustrate everyone more but I have a Jeep that so far has lasted 270,000 miles not the 100,000 for an electric or hybrid so basically comparing that durable Jeep almost lasting 20 years with no 300,000 tons of ore and carbon manufacturing penalty over batteries makes the electric cars CO2 advantage even less.

I am a Subject matter expert on this as a Global Sr Project Manager and a Mechanical Engineer, and as the Project Manager who installed electric vehicle chargers for one of the top three chip fabrication companies across the entire United States so I personally know what logistics and costs are involved.

Let's say start right now and due to procurement, manufacturing time, and logistics we could install chargers for 1/3 of the cars we need at about a cost of 2.5 Trillion or more including the grid and power plants. Ready set go but wait we mandated 1/3 of all electric cars in California be electric in less than three years now so forget where the money is coming from we don't have time to install enough chargers at that scale even if we find the money before the California deadline and started right now. Fortunately Congress did an override on that unrealistic mandate. Normal planning and manufacturing including installation is a ten year schedule for large scale power plants.

Elon Musk's Tweets we must start building power plants and upsize the grid right now or we will soon have blackouts. Pretty grim right but we have already seen Gavin Newsom broadcast this for California the day after he announced 1/3 of all cars sold must be electric in three years so those blackouts already started.

So we need to ask who has a plan to fix this and the answer is I have scoured the internet and seen no plan anywhere just a looming train wreck courtesy of Biden, AOC, John Kerry, and Gavin Newsom none of which has an Engineering or even science degree to truly understand this huge challenge. BTW the New Green Deal was dreamed up in 2007 by a NY Times reporter not an Engineer or scientist fact checking the goals were realistic. Then a bar tender with a Bachelor in Arts degree who did not check its practicality came along and won as a congresswoman promoting she would save the world and here we are.

We need about 10 Years to start and 50 years to implement more power plants and increase the grid with green Energy so we have a colossal train wreck in less than 3 years headed our way in California, with insufficient power and grid to deliver it let alone not enough chargers. The Energy Transition commission estimates we need 700m Trillion and with inflation and cost escalations that will be a solid Quadrillion by the time we are done. With good data like this an Alternate lower cost solutions need discussed and planned. The US cannot add another 2-3 Trillion a years to our 5 Trillion dollar budget and survive.

Let's take a step back and look at documented History and actual facts from multiple scientists and Engineers.

The poles have completely melted and reformed 5 times now.

The sea level has clearly risen and then subsided with each cycle much more than the 1' we have seen in our 120 recent years.

The sun cycles warmer and then cooler itself.

The Earth's orbit cycles closer and hotter than farther away from the sun and cooler as a natural orbit cycle.

CO2 is currently about 410 Parts per million or just a few % higher than the early 1900's when there were zero cars and wait for it = some say CO2 was as high as 6,000 ppm in the past Dinosaurs era right before the earth went into a Ice age. Let's be ridiculous like the climate cult is currently trying to panic all of us with select data not the all encompassing data look and start warning of the coming Ice age where we starve to death due to the decreased growing season and less sun to grow the crops.

So let's use common sense. Electric cars can solve some of our future issue when we let them grow organically and everyone solves all of their environmental issues and charging challenges instead of the current rich person's game and charging challenge that they are.

We need to get our focus off the electric cars and focus on the main issue. Power generation and secondly the question is 440 PPM of CO2 really going to end the world and we just answered that above as History has already proven that is a resounding absolutely not.

So let's let Electric cars become the leading edge organically over time at costs similar to current Fossil fuel cars and people will start buying them when charging is convenient without wasting our tax money on trillions in incentives that result in close to near zero CO2 reduction.

Let's develop hybrids, Hydrogen powered cars and yes say 25% go electric where they fit in as part of the car mix as geologists state we have enough clean burning hydrogen existing in the ground for many generations to come which solves the power plant, grid and charger issues.

In other words relax. Let the Market and people make common sense decisions themselves as technology develops. Let's get the Energy departments and Department of transportation to develop a 25 year plan in alignment with Power generation companies and car manufactures that we can all live with for say 1/4 of the cars to be electric, ¼ hybrid on fossil fuel, ¼ hydrogen and ¼ fossil fuel like tractor trailer rigs, farm equipment and Airlines that make sense to stay on fossil fuels until we come up with Nuclear fusion engines for Jets like NASA is developing already.

Let's vote, we all need to throw the penalty flag on the field to every politician from the current crazy environmental terrorism they are dishing out to us and extreme costs in the trillions that get us nowhere and just relax instead. Engineers and consumers will figure it out when it's the better choice.

The Latest Biden update is he has Jets flying at high Altitudes over Alaska spraying pollution that is one component of Cole fire power plants to try and reflect heat back into space. So did he just admit the EPA cleaned up the air too well? Some Scientists are saying that is actually true.