**Environmental Article: How to Solve the Climate Change Problem []:**

To summarize the article, the ongoing climate change crisis is expanding and not backing down. In the USA, it is expected that the CO2 emissions from all sources will remain constant within the next 30 years. To explain, this means that the USA is not reducing its CO2 output and many other countries are following suit. Furthermore, the idea that adding wind/solar will fix the issue is completely wrong. This is due to the fact the carbon-based systems are already in place and paid for while we add green choices on top will not fix the issue and cause economic collapse.

The article moves on to give a solution, Decarbonization. This happens when you build solar and wind farms. Achieving a zero-carbon footprint would require a nation to implement a decarbonization law that mandates the amount of decarbonization that occurs each year. Decarbonizing power is easy, it would cost the USA an increase of $0.002/kWh while decarbonizing 85% of electricity. If the green solutions are easier to use and readily available, many consumers would use them. However, decarbonizing most of our electricity is easy, moving to higher percentages is the real challenge.

I had the idea that adding wind and solar energy solutions on top of our current ecosystem is the solution, the article changed my mind about this since it gave a different angle to look at. Having oil in the first place is the issue and just adding a few solar panels will not change the final outcome.

Decarbonization laws are a new concept to me, I had the notion that countries already implemented these laws rather than ignoring climate change. Many countries such as China or the USA should implement them as quickly as possible.

Climate change affects everyone, as an electrical engineer, not having electricity will remove me from society if we do not act fast. On the other hand, it could open for more jobs for electrical engineers to work on solar panels or wind turbines. Many Power Engineering related jobs can be created from the climate change solutions. It could also open up a new field of electrical engineering.