

A Shortcut Realistic Way To Achieve The New Green Deal CO2 Reduction In 12 Years

If all cars, trucks, and railroads were electric powered by 2030 there would be a huge reduction in CO2 emissions. The electric technology is no longer a pipe dream. Teslas are now available with more than 300 miles range and most other car makers are gearing up for the inevitable switch to electric cars. Their problem is we aren't buying them yet out of range anxiety. Let me tell you there is no range anxiety with the new Teslas. There are plenty of charging stations and most of your charging is done at home for in town driving.

If we stopped burning gasoline and diesel fuels their prices would drop like a rock and further extraction of the fuels from the ground would cease.

All we need to do as a nation is give the electric cars a tax incentive to make them a bit more financially attractive than fossil fuel cars. We need to reinstate the \$7500 tax credit. This is probably all that is needed to bump up their sales. Once the switchover is apparent everyone will want one of these new electric cars. They are super nice and very powerful compared to ICE cars. Once you own a powerful long range Tesla you will not want to go back to an inferior ICE car.

We can encourage solar panels on everyone's homes to power these cars and our grid. Because the sun doesn't shine at night we will need base loaded nuclear power plants to supply clean non CO2 energy to charge up our cars at night. These are going to take some time to build. In the meantime we need to make the conversion to EVs first and then follow up with the conversion of the grid itself to 100% fossil free energy. Use of natural gas plants will be necessary to keep the grid reliable as wind and solar are increased. We reach a 50% roadblock however that can only be overcome in studies by adding some nuclear power.

Converting the grid to clean fuels is harder than us converting to the use of electric vehicles. What we should try to do in the next 12 years is get all the ICE cars off the road by making the EVs lower in cost and more attractive. We could tax the ICE car ownership by adding a tax on miles driven in ICE. We need to have EV tax incentives to make them more financially attractive than ICE.