

# The Nikola Tesla Paradigm and How the Entire World can End Carbon Emissions now

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My research, solely intent on finding a viable, sustainable solution to our fossil fuel carbon emissions dilemma has been successful. I realized this goal was attainable more than half a dozen years ago but have not as yet found anyone interested in having a simple solution to carbon emissions. It seems from their lack of to reply to my offers that the Canadian government has zero interest in any technology that will interfere with their existing G7 fossil fuel exploitation plans. Evidently new investments in the Canadian tar sands are to exceed 40 billion dollars in 2023. They call this Net Zero 2050 but I am convinced that their Net Zero 2050 plans really mean that much of humanity will be destroyed long before then by famines and wars and 'natural' disasters including horrendous earthquakes as the heating of the planet causes the continental land masses to expand.

If there is no viable alternative to fossil fuels then our fate is sealed. Wind turbines, solar panels, lithium batteries and a huge economic conspiracy of politically motivated lies won't change anything.

I want to state this very clearly. Nikola Tesla in his thorough research into high frequency and high voltage phenomena discovered exactly how to build a simple inexpensive electrical apparatus capable of eliminating the carbon dioxide pollution. I will go a step further and say I believe we can dissociate the waste products of fossil fuel combustion using a small fraction of the output of the combustion engine that creates them and then recycle the recombined molecules back through increasing the efficiency of fuel combustion in such an engine and eliminating the pollution. Yes I know everyone says this is impossible.

The intent of this article is to disclose my understanding of Tesla's underlying principles and methods and hope I can convince someone to simply let me prove what I am saying. Nikola Tesla's electrostatic molecular dissociation technology has so many world changing economic implications that I won't even attempt to form a list. Preserving a livable future world for humanity by cleaning up carbon emissions is only a small beginning and it isn't too late if we act now. Tesla's longitudinal electric wave technology offers our world energy solutions that will finally solve the worldwide energy insecurities faced by so many, for growing food, for purifying water, for sanitation and shelter and as a resolution to many armed conflicts. Carbon Emissions drive climate change which is already forcing millions of human beings to migrate or die. If it is not very obvious that nobody anywhere else wants these people coming into their territories, then have an oak at the land borders of the G7 nations or the terrible death toll in crossing the Mediterranean Sea.

My premise was that if there were a technical solution to the monumental problems facing humanity, the solution would be electrical in nature. After looking into climate change for myself and realizing how deliberately these problems have been exacerbated and obfuscated and ignored for decades with lies and dismissals by the people who profess to lead us, I decided to give this a try. I simply set about reviewing the history of electrical discovery and I worked my way forwards paying special attention to those early experimenters

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whose concepts I consider to now be proven correct. Our modern technological and engineering capabilities of precision machining, high speed cameras, powerful computers and sophisticated equipment like oscilloscopes have confirmed many things. The knowledge and insights as presented by these pioneers of electrical science, in their own words, much of which is now available through the Internet to anyone interested in viewing it was especially insightful. I concluded that our present mathematical models for the physics of electricity are flawed because when it comes to Tesla's verifiable results from real world experimentation, our 'electric current laws' simply do not work properly for high voltage electrostatic forces alternating at very high frequencies. If the electric energy is outside of current conductors like wires, everything in our modern concepts becomes very fuzzy and it seems we need the magic of fourth dimensional mathematics to bind things back together. Yes I know that Nikola Tesla is now considered by modern theoretical physicists to be nothing more than a crazy lunatic with an obsolete Aether theory that fell in love with a pigeon. I dispute this and believe that theoretical physics is stuck and no one has any new ideas of where to go next and they have in simple words, simply placed the cart before the horse. Mathematics are really only good for confirmation of actual experimentation. Yes there certainly must be a very rigid mathematical basis to all the elements of creation. There are myriad mathematical equations that will cover any portion of any curve. Without the correct theories and actual experiments to validate the equations, it seems to me impossible that anyone could get it right.

Some of what I found is that Ampere's theory of atomic molecular currents was simply wrong. What goes on between two parallel wires carrying electric currents that attract or repel each other, depending on whether the currents flow in the same or opposite directions has no bearing on the fundamental causes. There are no such things as molecular currents.

I found that the use of Oliver Heavyside's simplifications instead of Maxwell's original equations is where Tesla's longitudinal electrostatic waves got lost. I will suggest that Heavyside's simplified equations were practicable solutions for anomalous performance issues with long distance telegraph transmission lines and to use them for other purposes is again a huge error.

I found that Heinrich Hertz electrified the air and did not generate any electromagnetic radiation. Any modern examination of his experimental apparatus will clearly show that his results were effects of electrostatic induction. He was trying to prove a rigid aether theory and created sound waves in the aether just like a steam whistle makes in the air.

I concluded that electrons, which Tesla considered as aether particles associated with atomic matter do not orbit the nucleus as per Bhor's miniature solar system 'astrological' model. I found that we currently need Einstein's almost incomprehensible fourth dimensional

mathematics simply to allow us to jump over the mistakes in accepted atomic theory and suggest the problem with Einsteins' mathematical representations are that they only hold up as long as nothing is permitted to exceed the speed of light. It always seemed very obvious to me that in order for something to be accelerated to any speed, it requires some form of energy to be moving faster to give it the push and or pull.

As it furthermore seems that these flawed theories are what has been used to form the basis upon which of all our 'current' theoretical models of electricity and the structure of atomic matter are based, it would truly be incredible if there were any possibility that these modern concepts could actually be correct. To repeat, it seems to me that science has been 'stuck' since accepting Einstein's theory. All this does make me wonder if it is just faults in electrical theory that have kept fossil fuels supreme for more than a hundred years. Perhaps this is even deliberate. An economic conspiracy if you prefer, and now our planet is dying.

I surmise that electrons vibrate against the nucleus of an atom. The absolute consistency of the elements of atomic matter suggests to me that each individual electron must oscillate or vibrate against an individual proton or a rigidly fixed geometrically arranged structure within the nucleus. I think the atomic emission spectrum lines we see are peaks of resonant harmonics created by standing waves that the electron vibrations make in the aether by vibrating against the nucleus creating nodes from interference as in Lissajous patterns that are created by phase shifts in the motions of the aether surrounding the atoms and that there are no orbiting electrons emitting light energy as they skip between orbit shells.

Another premise I have followed is that the manifestations of the Electric (Permittivity) or Magnetic (Permeability) moments of the aether vacuum are simply the alignment orientations of these tiny aether particles responding to the electrostatic, magnetostatic and electrodynamic forces of nature.

I realized that if what I have found in Tesla's work is correct then all of what I was taught as the science of electrical physics has been normalized and rationalized such that all the misunderstood parts are skipped over. The atomic structure has become a smoothed over fuzzy collection of sign wave curves that have superficial bearing on reality. The accepted modern equations defining the physical structure of atomic matter just seem to get longer and longer with no end in sight as ever more corrections are tacked on. I suggest as an alternative to normalization that it is the height of the peaks and the depth of the troughs of the vibrations, enhanced by resonance and standing wave harmonics that generate the phenomena we see. How far apart and the time that it takes to get between the peaks and troughs is what really matters because of how the aether works. The 'back emf' happens at the point where the energy flow passes through a node and only in a gas does this happen exactly in a perpendicular

manner as the electric and magnetic forces cannot align this way in solid conductors. Smoothing the energy flows into 'averages' and 'means' does not work and it is time to abandon the physics of 'uncertainly' that now only seem to me to serve as the best means to keep the fossil fuel energy exploiting economies supreme.

Tesla's Longitudinal Electric Wave Technology is the application of electrostatic inductive forces. His concepts are based on the existence of a fundamental aether which is a gas-like substrate filling the entire universe. The vacuum of space is not empty and it is not filled with magical fourth dimensional mathematical energy fields that somehow never interact.

The 'aether gas' particles of Tesla's understanding are incredibly tiny when compared to atoms and molecules. These aether particles are electrically neutral in their free vibratory vacuum state. The aether particles carry electrostatic or magnetic charges inside and respond to them and are responsible for creating energy manifestations such as electric currents and electromagnetic radiation when aligned by the forces within atomic matter. They create the electro-static, magneto-static and electro-dynamics we associate with matter. It is the aether that carries the electrostatic inductive energy exactly like air molecules carry sound energy; through the variations of density and elasticity of the medium.

I concluded the interaction of the aether with atomic matter is responsible for the electrostatic forces of nature that generate and what we call gravity. What we call gravity could be simply considered as the aether in the vacuum pushing back against the atoms of 'matter' that displaced it in the vacuum. The same concept as atmospheric gas molecules creating air pressure at the surface of the Earth. Perhaps what we see as neutrinos erupting from the sun may simply be aether that is moving 'slow' enough for us to see it, meaning the aether is neutrinos we can't detect that are simply vibrating faster than the speed of light. If the aether particles create the vacuum of space by their vibrations, then it only seems reasonable to me that the aether must be vibrating at about twice the speed of light and that this is what actually defines the speed of light exactly like the speed of sound in air.

Yes this would mean the speed of light is variable in the vacuum because the vacuum is variable and we really do not know how big the universe is or how much of what we 'see' in astronomy is merely reflections. We do know the speed of sound varies with atmospheric pressure. The concept of a variable speed of light in the vacuum is simply based on the concept that the vacuum density is variable and I think this has been proven if astronomers have now found regions of space containing certain larger molecules that shouldn't be able to exist where they were found. This would mean the speed of light depends on the pressure of the aether just like the speed of sound in air depends on the pressure of our atmosphere and we have no way of knowing exactly how fast electromagnetic energy really travels across the vast regions of space. I don't

think the Voyager Probes have any instrumentation that will tell us if and how the interstellar vacuum is different than the space within the bubble of the solar system that our sun creates.

What I am also claiming is that we can simply use Tesla's concepts, even if they are not perfectly correct because they give us a structure within which we can build a practicable electrostatic inductive apparatus which will easily dissociate things like linear gas molecules at standard atmospheric conditions using less energy than our laws of physics say is necessary.

I claim I can prove that Tesla's longitudinal electric wave theory will enable us to dissociate carbon dioxide with a small fraction of the cost in input energy that our current science tells is required. The correct apparatus simply creates highly charged capacitor like plates, insulated in space, of opposite charges, alternating in synchronicity. The surfaces should be parallel aligned and separated to a much larger distance than a capacitor, more like a pair of not grounded parallel antennas facing each other.

The electrostatic force falls off at the square of the distance but the intensity grows at the square of the voltage and if we fill the dielectric region between these opposite conducting plates isolated in space with a gas such as carbon dioxide, the conjoint effects easily pass across the entire space and affect the entire body of gas. Tesla's isolated conducting plates are attached to the opposite terminals of two equal and oppositely wound parts of a high voltage secondary coil, The oppositely wound coil, connected to the primary at the centre will arrange these alternating electrostatic energy flows.

If the electrostatic pulses alternate quickly enough the electric tension increases but an electric current does not have time to form and because the isolated conductor plates in his apparatus are parallel, the electric field lines are straight and straight electric field lines do not create internal magnetic fields, only a displacement polarization current, which is what affects the gas molecules, forcing the electrons and protons into separation tensions within the space and causing the molecules to collide. As the electrostatic charge builds and falls the atoms collide ever more forcefully until electrons fly off and the atoms separate. In other words, I imagine these electric field lines are ordered chains of aether particles and the electric charges force the electrons and nuclei of atomic matter to shift and collide resulting in ionization. What is known as the 'striated' brush discharge which displays long visible streaks of light from the ionized molecules all across the space between the plates is an excellent visual indication of maximum molecular dissociation.

If the voltages are high enough, the excited plasma will stay in that state long enough for Tesla's thin incandescent wire gas molecule separator to act on them as described in his Colorado Springs Laboratory notes. Basically a long tube with an axial wire perhaps two or three concentric tubes at the exit, depending on the gas being processed.

The lighter of the dissociated atoms are thrown further by the electrostatic forces emanating through the surface of the insulated thin (for a higher electrical density) wire made incandescent by the gas molecules vibrating against it because of the electrostatic forces of the electric current alternations surging through the wire running through the centre of the tube. Several stages will give whatever level of purity is required and the excited ionized atoms can simply be directed and allowed to recombine in whatever manner is desired. If the electric field and electrostatic forces are strong enough, the carbon dioxide will not recombine very quickly. Carbon dioxide actually dissociates quite easily but mostly it recombines before anything else can happen due to the nature of the double bonds and modern apparatus not capable of charging the separated atoms to a high enough level.

E&OE, as the intent of this document is to present the basic concepts and not construction details. I do know that I can do this if anybody out there actually cares about saving our world, from fossil fuel greed and wants to implement this solution, I can and will explain the details.

There is much more to say about Tesla's Longitudinal Electric Waves but I would be remiss not to mention the dangers of working with high voltage electricity. Tesla's laboratory was isolated from ground. He always wore boots or shoes with six inch thick 'cork' soles to isolate himself, like a bird may perch safely on a hydro line as long as it doesn't touch anything else and become a pathway to ground. If a person becomes part of the ground path for this energy, they would most likely die.