

Why We Need Nikola Tesla's Longitudinal Electric Wave Technology Now

William John Montague

Independent Researcher, Montreal, Quebec, Canada

***Corresponding author:** William John Montague, Independent Researcher, Montreal, Quebec, Canada

Submitted: 30 September 2022

Accepted: 05 October 2022

Published: 12 October 2022

 <https://doi.org/10.63620/MKJAEES.2022.1001>

Citation: Montague, W. J. (2022). *Why We Need Nikola Tesla's Longitudinal Electric Wave Technology Now*. *J of Agri Earth & Environmental Sciences*, 01-04.

Nikola Tesla's Longitudinal Electric Wave technology will provide clean energy equality for every nation on Earth.

I make no claims to 'over unity'. Tesla's seemingly unbelievable results are accomplished with apparatus that gather additional electric charge from 'free' electron sources.



Illustration 1: Actual Power Line From 1992 Plasma Ball Incident

He has provided all the designs for apparatus capable of inexpensively generating the requisite very large flows of directed electric force energy. Tesla has also has provided us with practicable methods for utilizing this energy through controlled manipulation of the generated forces. There are desperate world wide needs for his clean energy technology. For examples; inexpensive localized manufacturing of agriculture fertilizers; clean burning nitrogen based near replacements for the energy densities of fossil fuels. By clean burning I mean that the combustion emissions are inert atmospheric gases (N_2 and H_2O); economically feasible dissociation of the carbon dioxide emissions from any type of fossil fuel combustion including coal. All this to say that I have found sustainable climate solutions in Tesla's inventions. This means solutions that really can work for all and yes with this technology manipulation of world energy supplies will

come to an end which does not mean this technology ends employment in fossil fuel industries. This technology enables truly clean growth in all industries including hydrocarbon fuels.

If the world wide extreme weather events of 2022 have still not disturbed your confidence in the endlessly repeated G7 mantra of 'Net Zero 2050', there probably isn't much that I have to say here to which you will not close your ears. I write this article both as an end to my efforts and as one last offer of hope for the people who truly do care. Fossil fuel emissions need to end now or human civilizations on our world die and this is the story as we have already written it. The ever escalating levels of destruction will shortly be baked in, meaning unstoppable unless we change our path right now and all our national world 'leaders' very well know this. Nikola Tesla has left to us, as his legacy, all

the necessary technology to end our pollution and energy dilemmas. All the world needs to do is end the greed and use it.

To begin my narrative, in 1899 Nikola Tesla proposed to the effect, that balls of lightning were composed of highly rarefied ionized atmospheric gases. This was the earliest reference I could find correctly theorizing what I saw the day in the spring of 1992 when I survived accidentally shorting out a hydro electric power line and generated a very powerfully explosive ball of lightning. My first real opportunity to research what I saw that day only occurred more than fifteen years later and that started me down this rabbit hole of electrical physics theory. I am both reluctant and embarrassed to admit to the stupidity which started this incident but because it led me to look into Nikola Tesla, I will explain what happened and as best as I can recollect from thirty years ago, describe what I saw that day.

Perhaps a better description of what I saw would be a spherical glowing mass of ionized atmospheric gases. Glowing mass is also how we describe an electrical plasma. The glowing ball of energy disappeared about ten seconds later with a sudden explosive flash and implosion and ear ringing thunderclap shattering the Saturday morning quiet. My tree trimming idiocy had just cut off hydro electric power to tens of thousands of customers in the northern half of Montreal's West Island.

However foolish, it was the subsequent research that led me to what I now understand about electricity and to why I say the entire world needs to embrace Tesla's Longitudinal Electric Wave Technology.

The picture on the previous page is the actual power distribution line where this incident occurred. It is still my understanding that these lines, standard residential distribution for Hydro Quebec, deliver three phase, 25,000 Volts, 60 cycle, alternating current electricity. The likeness of the maple tree frond like outermost branch ends, which actually triggered the plasma event, are also captured in this picture.

I was up in the tree, cutting off a branch about three inches thick where it joined the trunk of the tree, the branch being about fifteen long above where it was being cut which was exactly at the height of the power lines. I was in the tree above the branch I was sawing. The trunk of this tree was about fifteen feet away from the power lines. I had tied off the branch I was cutting, but it twisted before I could cut right through and this jammed the saw. Then, very slowly, taking many long seconds with me desperately trying to both hold it back and free the saw, the branch drooped down straight out over the three power lines. My rope tying off the branch held it from falling all the way but the twisting and drooping caused the leaves at the ends of the branch to just brush the two outer power lines from above. Two leafy branch ends like those in the picture, extended their leaf tips directly down over the two outer power lines, not quite touching, but no part of the branch came anywhere close to the middle line.

If there is any defence for such stupidity, I do want to mention that it was not by accident that I was in the tree above the branch being cut and not standing on the aluminum extension ladder below. Nor was it an accident that I was cutting the branch at the

height of the power lines. All of this so that I would be above the power lines at all times. My reasoning being that if anything went wrong the electricity would go down into the ground and not into me up higher in the tree.

I was still holding the branch in my futile effort to stop the twisting when I got startled by a very strong jolt of electricity. A powerful vibrating electric shock ran up into my shoulder of the arm holding the branch. Realizing I needed to already be out of that tree and avoiding both the trunk of the tree and aluminum extension ladder resting against it, I more or less let just go and dropped feet first down out of the tree. I slowed my descent by using my feet to briefly break my fall by consecutively landing a foot on each of two lower branches as I went down, also catching at each passing branch with my hands.

I had gotten back up to my feet and moved about twenty feet to the right and around the tree to look up at what was happening with the power lines when the plasma ball first appeared. I think it began no more than 10 seconds after the branch first drooped over the lines. It appeared half way across the backyard about twenty feet down the line from where the branch was hovering over the lines. I then watched as this ball of lightning grew as it slowly moved further down the line. It was the size of a baseball when it first caught my eye and as it grew it looked as if it were invisibly suspended directly beneath the centre wire and simply gliding away.

It was a cloudless sunny morning but the centre of the plasma ball was a very too bright to look at white light with an orange tinge to the diaphanous glow at the outer edges. Except for the bright glare at the centre, the whole of the ball was translucent. Over several seconds it grew to be about two feet in diameter, still hanging or floating motionless under the centre transmission line wire, but it is what I saw next that intrigued me ever since.

A rope of orange coloured energy, in the form of what seemed to be standing waves began encircling the plasma ball (clockwise if looking down from above). These saw tooth waves (except the peaks were rounded), looked like a fuzzy orange rope making two cycles of a saw tooth pattern as it wrapped around what I will call the visible front surface at the horizontal mid section of the two foot diameter plasma ball. This energy rope spiralled away from me and around the ball and back out the nearer side into a second spiralling layer but as the single rope seemed to come around the ball, there were three of these ropes in the new layer over top of the first which all appeared to be growing in phase together. There were two seemingly inner ropes with a smaller amplitude positioned as side bands to a much thicker centre band slightly further out and of higher amplitude. The peak to peak amplitude of the larger centre rope was almost the height of the ball. The three energy ropes making the standing waves were all growing in length simultaneously from the heads of each of the ropes. The energy of the rope seemed to grow by bubbling up energy out of centre of the end of itself as it grew following or laying out the standing wave pattern. All three bands of the outer layer grew together like a moving triangle of interconnected directed forces.

Just as the head of the centre of this growing second spiral of standing waves seemed to touch the outer power line there was a sudden explosion. Then the plasma ball collapsed (an implosion) followed a fraction of a split second later by a tremendous

thunderclap and nothing was left of the plasma ball but some expanding tongues of orange flame dissipating in every direction from what had been the surface of the ball looking as if the very air was on fire.



Illustration 2: Primitive model of the standing wave patterns that appeared

If you can imagine the wiggly wires in the picture above (a very poor model) to be orange glowing bands of energy then perhaps you can imagine some idea of what I saw. This energy image has stuck in my mind ever since and is what eventually led me to start my own research into Nikola Tesla's work with electrostatic forces and high frequencies and harmonic vibrations and into treating the actual movement of electrostatic force or electric charge energy exactly as the energy we know of as sound travels through a gas.

I won't embarrass myself further by relating the events of the next hour except to say that all the city's emergency services arrived in short order, an ambulance with paramedics and a fire truck and police cars and even a car full of Hydro Quebec Investigators. The actual hydro repair crew came last. (They had parked up the street for forty five minutes before coming to make sure the body had been removed). They told me they simply could not believe that I was up in that tree and still alive. The only good news that day was that I wouldn't be charged because I hadn't actually damaged any of their equipment. I had tripped a 2000 amp circuit breaker on a 25,000 volt line back at the main substation (25,000 volts x 2,000amps = 50,000,000watts).

What I saw of these rope like energy bands during this incident made me question the currently accepted physics and mathematical models regarding electrons and the structure of elementary matter. There is little doubt in my mind that I what I saw as the outer bands was the result of actions at a distance; a moving triangle of directed forces from within. It is my supposition that each electron in an atom could be "attached" to a specific proton and the same or similar spiral layers of standing wave energy structures that I saw may exist surrounding all atomic matter. Perhaps the energy structures we call atomic orbital levels are these spiralling standing waves. I believe I can do what Tesla clearly describes as how molecular dissociation or gas plasma ionization is something that can be controlled by the appropriate application of electrostatic forces. Tesla often claimed that electrical experiment investigations needed to be done at large scale

in order to be able to see what was happening. It is also my firm belief that unless we recognize some fundamental conceptual errors in our electrical theory as being such, regardless of the elegance of accepted mathematical proofs, necessary advances in truly sustainable electrical energy solutions so desperately needed will not happen in time.

Perhaps I really am the only person in the world who has actually figured out Tesla's instructions as unlikely as that seems to me. It certainly seems that Tesla's methods for safely generating and manipulating powerful electrostatic charges without prohibitively expensive containment costs is far beyond even the conception of current engineering practices.

Perhaps there is no fundamental all pervading ether gas substrate to what we call the vacuum of space to actually transmit the energy of what we call electromagnetic wave radiation. Perhaps electric energy does not move through the vacuum exactly as sound energy moves through air. This would only require that the ultra minuscule ether energy carrier particles be vibrating at approximately twice the speed of light. I certainly believe this is the concept that worked for Tesla though. It has been claimed that Tesla never disclosed any mathematics to substantiate his theories and claims but I say this is simply not true. He certainly did take shortcuts in his mathematical calculations by doing things like substituting the square root of ten for Pi and he seemed to despise the normalization and rationalization behind many electrical formulas, but early on in his high voltage research, at one of his international lectures of the early 1890s, Tesla said that if anyone was interested in a mathematical representation they would find it described in the published papers of the English Professor Thomas H. Blakesley.

For this record, one of his last electrical patents is what Tesla called his Magnifying Transmitter which describes his necessary electric charge pump technology. Tesla makes use of his unique approach to generating resonant actions within his apparatus to multiply the already upwards transformed input voltage by approximately a further six times. He makes use of 'voltage squared over twice the resistance' as his power formula and creates an extremely high rate of change to further increase the induced EMF or electrostatic impulse created as the surging electric charges pass from the positive to the negative half of the alternating power cycle.

Tesla generates appropriately timed sequences of these induced impulses to transfer the energy. Note that all Tesla's seemingly 'over unity' apparatus function outside of the 'standard laboratory conditions' of our electrical laws and more importantly, Tesla's uses additional sources of free electrons or electric charge collected within his operating apparatus to multiply with the input power.

Keeping in mind that an inexhaustible source of free electrons is constantly being liberated by solar radiation and incoming cosmic rays ionizing the rarefied gas molecules in the upper atmosphere, any appropriately charged and elevated terminal can attract and collect these 'free' electrons for a suitable apparatus to use them to create greater work energy flows. Below the Earth's ground water table, our planet earth is a giant reservoir of negative electric charge. Again, by appropriate means which

again include resonant vibrations, and 'non standard laboratory conditions' for defining the working space, (which to repeat myself means the electrical laws as defined for standard laboratory conditions do not necessarily apply), a region of space is created which is very conducive to accumulating electrostatic energy within the confines of molecular boundaries. This has to do with the resonant vibration modes of linear molecules and extremely high electric field gradients but the concept is that molecules can be made to simply absorb energy if the gradient of the surrounding electric field strength is high enough and the energy properly packaged.

The concept is to simply do the work required for dissociation directly on the object gas molecules placed in this conducive working space instead of first having to spend a tremendous amount of energy and expense to create a containment working space of very high temperatures and vacuum. Molecular disso-

ciation can be accomplished simply by using rapidly alternating electric charge force to pump energy into linear molecules through the vibration mode frequencies. The actual breaking of bonds is primarily caused by normal collisions of the now highly charged molecules.

An example of an apparatus necessary to separate and purify atmospheric gases to be processed or for separating the resulting excited gas atoms after dissociation is adequately described by Tesla in his Colorado Springs Laboratory Notes. I will gladly explain all the details I have learned about how to build, generate and use Tesla's longitudinal electric waves to power apparatus capable of inexpensively dissociating carbon dioxide gas molecules at normal atmospheric conditions and for many other similar useful purposes. Anyone who agrees to immediately implement this technology and freely share it with the entire world is more than welcome to own it.