

Tesla Coils: Unleash the Aether

Nikola Tesla's most significant contribution was not AC power, radio, or the induction motor, but what we call the Tesla Coil - a tool which allows for the power of the aether to be unleashed and harnessed. Now being launched through an open source project.

"We've all heard of 'Tesla Coils', but this outstanding report brings a level of clarity and relevance hitherto unseen. We now call for a peaceful revolution to see this technology finally implemented for 1) harnessing aetheric energy, 2) superluminal communication, 3) wireless transmission of power through any barrier, 4) anti-gravity capabilities, and 5) creating defensive shields to make conventional war obsolete. And we are pleased to announce an open source project to facilitate that." -- [Sterling D. Allan](#)



The Tesla coil, wireless aetheric power transmitter

by [Hank Mills](#)
Pure Energy Systems News

described in Steve Jackson's [open source project](#).

The inventions of Nikola Tesla are numerous.

He invented radio, teleautomatics (remote control technology), poly-phase alternating current, the induction motor, and many other innovations that established the foundation for our modern civilization. However, the true significance of his greatest discovery - the "Tesla Coil" - goes mostly unrecognized. This tool provides a way for humanity to tap into the wheelwork of our universe--what many describe as the "aether."

There are many misconceptions about Tesla coils and their intended use. The light shows that can be produced by them are spectacular, but these stunning visual displays have little to do with their true function and capabilities. In addition, many people consider them as nothing more than high voltage transformers. But a Tesla coil is not a conventional transformer and does not utilize magnetic induction.

Tesla coils have capabilities beyond even the highest voltage transformers of our day, because they are something far different. Their emissions of longitudinal impulses can exceed the speed of light, can penetrate all known materials (including Faraday cages), travel great distances without their intensity diminishing, power remote devices, and allow for "overunity" gains of energy.

Radiant Blasts

When an electrical switch in an electrical circuit is opened or closed, a spark of high voltage can be created. In Tesla's day, engineers and workmen had to be very careful of this phenomenon when working with high voltage DC generators. A sudden closure of a circuit being powered from a dynamo capable of generating a few thousand Watts, could produce electrical discharges of several hundred thousand volts. These discharges were often fatal to those who were exposed to them. This phenomenon interested Tesla, and he began to research what he called, "disruptive discharges."

In his lab, Tesla would utilize a dynamo to produce very quick pulses of high voltage direct current. He noticed these pulses could completely vaporize thin wires. In addition, these pulses could produce what seemed like pressure waves that would induce stinging sensations. At first he thought these blasts waves were composed of tiny particles of the vaporized metal. This possibility was ruled out when he noticed nothing could shield them, including glass or even copper sheets. If these were high speed particles of some sort the glass should have shielded him from them, and if they were purely electrical the metal should have blocked them. However, they penetrated any barrier!

He continued testing with larger wires, faster pulses, and with higher voltages. Before long, he

started to gain an understanding of the variables that controlled the intensity of these disruptive discharges. Eventually, he did away with the wire and utilized a simple spark gap. By increasing the voltage from the dynamo and shortening the length of the pulses he could make these discharges much more powerful. He could feel them from all the way across the room!

Many more variables came into play. By adding one or more capacitors (he called them condensers) between the dynamo and spark gap, he could intensify the effect. Additionally, he was able to prevent a "back rush" of current across the spark gap with a variety of techniques. This was important because any flow of current reduced the maximum intensity of the disruptive discharge. As one example, he used a magnet to rapidly quench or magnetically "blow out" the arc across the electrodes to prevent such current flow. He could also use this system to increase the frequency of his discharges. In other setups, he put the spark gap in oil with a high dielectric value or had heated air flow through the spark gap. There were benefits and drawbacks to each method.

Decoupling Aether and Electron Current

A very interesting effect was creating these powerful discharges. When the high voltage input jumped across the spark gap the conducting material's resistance created a delay that would prevent current (electron flow) from instantly flowing. With sufficiently rapid pulses, current could be completely prevented from flowing in the conductive material. This would produce a decoupling of the current and voltage. The pure voltage potential became untangled or unbounded from the current, and would produce a shock wave that would move out in all directions nominally perpendicular to the spark gap.

It is theorized by many that electrical voltage is in fact a form of "aether" bonded to the current flow in a conductive material. The aether was thought to be a gaseous atmosphere of tiny (potentially much smaller and less massive than the electron), energetic (traveling at speeds faster than the speed of light), and penetrating (capable of traveling through solid matter) that fills our universe. Tesla and other men of science considered the aether to be the medium in which electromagnetic waves flow. Some individuals theorized it could be the true source of gravity, what produces radioactive decay in elements, and the fundamental "stuff" of which all matter in the universe is composed.

Tesla's disruptive discharges produced longitudinal waves in the aether. Unlike transverse waves that vary in amplitude up and down, longitudinal waves only move in the direction of propagation. They could be described as a series of compressions and rarefactions in the atmosphere of aether. These longitudinal waves are sometimes called, "scalar waves." However, this is not a precisely correct description. Technically, the term "scalar" describes a constant value that does not change. A longitudinal wave is periodically expanding and contracting in the direction of propagation, so this term does not fit. Despite the inconsistency, the terms "scalar wave" and "longitudinal wave" are used interchangeably by many.

Safety Enhancements

Over the course of his investigations, Tesla realized that the duration and frequency of his pulses were of tremendous importance in terms of safety. Slower rates of these discharges would produce stinging and painful effects. Moderate rates of discharges eliminated the stinging, but could produce a thermal sensation. If properly controlled, this thermal sensation would not burn, but could actually be pleasant and therapeutic. At very high rates of discharges the stinging and thermal effect vanished. A physical "pressure" could still be felt from the area around the spark gap, but sensations of needles or heat were gone.

At these high rates of pulsing, the visual arcs and streamers of pure voltage from his device were actually safe to interact with (at least that is what he concluded). In many experiments and demonstrations, he allowed these pulses of purified aether to flow across his body. No detectable harm came to him when utilizing these high frequencies. This energy could flow through him and power light bulbs. If traditional current had been flowing he would have been killed, but this flow of energy was truly something unique.

Tesla was still utilizing high voltage dynamos and spark gaps which were an obvious safety concern. The electrical energy running through them could easily electrocute a person. He took great care during his testing and experiments to avoid accidents. Anyone trying to replicate Tesla's work or experiments should be aware of the dangerous electrical forces involved. Although at certain high pulse rates the radiant energy produced was relatively harmless, the setups to create the discharges were still potentially lethal.

Continual Development

These disruptive discharges emitting longitudinal waves in the aether could produce many unique effects. Tesla could power a light bulb by connecting it to his device with a single thin wire or sometimes in combination with a metal plate. In addition, when placing a plate of metal close to the discharges from the spark gap, he could see electrical arcs and streamers dancing on it. He could also hold a capacitor in proximity to the spark gap and charge it to a very high capacity. In fact, he could charge them until their capacity was exceeded and an explosion would occur. Considering all of these effects, he realized this technology would allow for the wireless transmission of power.

By this time, Tesla had already succeeded in developing conventional poly-phase alternating current transmission systems. They were being implemented in areas such as those near the Niagara Falls power station, where he designed the generators that converted the energy of the falling water into electricity. He felt that a wireless transmission system could exceed his previous accomplishment.

During interviews and in his writings, Tesla described how his new discoveries could be used to power the entire world. To accomplish this, he would need to improve his technology even further. There were still additional optimizations that could be made.

One of these improvements was the design of what we would today call a "Tesla Coil." He

designed and patented a setup in which the "disruptive discharges" flowed across the surface of two bars of a conductor. This was the "primary" of the setup. These bars would wrap loosely (only a few turns) around a "secondary" coil that would be positioned inside the diameter of the primary. This "secondary" was composed of a flat "pancake" style core of many more turns than the primary. The wire used in the secondary was much thinner than in the primary. He matched the total weight of the primary and secondary windings so the two would be in a state of resonance. One end of the secondary could be grounded and the other end of the secondary would rise above the coil.

The impulses from his spark gap would flow over the surface of the primary and then across the windings of the secondary. In doing so, the voltage would climb tremendously. Huge discharges would appear at the end of the secondary wire. The already magnified voltage produced by the disruptive discharge was being increased even more! Somehow the longitudinal waves or impulses of "aether" were concentrating on the surface of the secondary windings and magnifying or focusing themselves.

Gerry Vassilatos, author of "[Lost Science](#)" and "[Secrets of Cold War Technology](#)" (both of which are excellent sources of information on Tesla's aether technology) stresses that although Tesla's system increased the output voltage, it was not in anyway a conventional transformer. He describes it as a system using electrostatic induction. Gerry and other researchers have made many valid distinctions between Tesla's system and a traditional transformer.

- There was no current flowing through his primary and secondary of his setup. Tesla made great efforts to prevent such electron flow. Traditional transformers absolutely require electron flow.
- Due to the fact there was no electron flow there was no magnetic induction, which is the principle by which transformers operate.
- The primary and secondary of his setup were loosely coupled, in that there was a significant space filled with air between his primary and secondary coils. The primary and secondaries in traditional transformers are usually tightly coupled for efficient operation.
- Tesla coils can be made of non-conductive materials. This eliminates the possibility of any conventional transformer effect utilizing magnetic induction.
- The flow of voltage or aether would not follow the path of least electrical resistance. This should be the case if current was actually in the circuit and electrons were moving. However, the radiant impulses of Tesla's system would ignore almost zero resistance shorts to flow across higher resistance paths across resistive elements such as light bulbs. An example of this is Tesla's "hairpin" circuit.

Getting Ready for Broadcasting

Tesla continued to prepare for his global power broadcasting system by further developing his technology. For example, he discovered by placing a round conductive sphere on the elevated end of the secondary winding the impulses were magnified and more evenly broadcast. Another improvement was made by adding additional coils to the secondary or changing the shape of the

secondary coil. In one setup, above the "pancake" portion of the secondary was an additional coil in the shape of a solenoid. One of his most effective secondary shapes was that of the cone. It provided a tremendous increase in voltage.

The shapes of his coils were not the only improvements he tested. He would place the secondary of a system in liquified air which super-cooled the copper winding. For some reason, this amplified the voltage increasing effect without inducing an unwanted current (electron) flow. By utilizing combinations of these methods he was able to produce gigantic outputs of several million volts.

Of course to broadcast power it had to be received. He designed a variety of receivers. Some of these receivers were composed of metallic plates. When the longitudinal waves impacted them a current would be induced that could power lights or motors. Tesla actually discovered that he could focus the output of his device into a narrow beam utilizing a special tube. This allowed him to specifically direct the longitudinal waves in the aether at target plates. Interestingly, after such a beam had been active for an extended period of time, he could turn off his apparatus, but the flow of aether would remain. He could place another receiver in the path of the beam and power light bulbs without the device being turned on!

Apparently, the aether has a property that allows for a sort of momentum to accumulate. Once the aether is flowing or pulsing it starts to build up an inertia or a self sustaining effect. In many tests, his systems would continue transmitting power after his apparatus was cut off from input power. Additionally, sometimes an illuminating glow around his setups would continually grow and expand. This happened around his giant transmitter towers in Colorado and New York. The longer he left his transmitters on, the further the column of light would expand. In one experiment, he connected his transmitter to a balloon and allowed it to float in the sky. Over a period of time, the glow that originally followed the line to the balloon expanded and illuminated the entire area.

Tesla also realized if he built receivers composed of similarly designed coil setups, they could resonate with the broadcasting unit. This condition resulted in more power being "received" by these units from the transmitter and/or allowed them to collect the longitudinal waves and magnifying them once again. Hence, a gain of energy from "aether" may be experienced both in the transmitter and receiver coils. In the receiver, what would normally be the inner coil of thin wire becomes the primary. The longitudinal waves then flow out to the thicker copper windings, and then into loads connected across them. They could then power light bulbs, motors, or other devices.

He was able to transmit large amounts of power to receiver units over many miles of distance. In one experiment, he powered a small building full of one hundred watt light bulbs from a distance of over twenty seven miles. Motors and heating elements were also powered.

Tesla's Final Years

This technology was the focus of Tesla's final decades of life. He considered it his greatest

accomplishment. Everything before had been trivial compared to the potential of his new wireless energy broadcasting system.

As history records, the powers that be fought against his efforts to commercialize the technology. His main laboratory in New York was burned down, and funding for the Wardenclyffe tower was cut. Later, the Wardenclyffe tower was destroyed all together. The power barons of his day did not like the idea of free energy being beamed across the world. They wanted to sell metered power to increase their earnings and wealth. Tesla's system was a threat to their financial empires.

Tesla gradually moved away from large scale transmission systems and worked on smaller units. Eventually, he designed a small device that he claimed collected energy from the, "aether all around us." He connected the small box to a Pierce Arrow modified to use an electric motor and announced, "Now we have power." The vehicle zipped around at high speeds of up to ninety miles an hour!

For reasons not quite understood, the technology that powered the Pierce Arrow was never commercialized. We do not know if it was directly suppressed, if he was simply not able to get the funding to mass produce it, if he chose to keep the technology to himself, or if some other event transpired. To this day, little is known about the small box other than a few brief words on the electrical components it utilized.

Sadly, Tesla died alone and poverty stricken in a small hotel room in New York City. The mayor at the time made a radio address in honor of his life, inventions, and contributions to modern civilization.

Wondrous Properties of Tesla Coils

Tesla demonstrated many amazing properties of his coil setups, but now others have done the same. Numerous individuals have built and successfully replicated the effects he was able to produce. A few of these individuals are Eric Dollard, Steve Jackson, and Konstantin Meyl. They have verified the stunning effects and properties of these systems that Tesla demonstrated so long ago.

Let's review these stunning properties.

1) The coils of a "Tesla coil" amplify the voltage from the "disruptive discharge." The final voltage at the ends of the secondary can be thousands of times larger than the voltage of the input (for example from a dynamo). This takes place in a setup with loose coupling between primary and secondary, and without magnetic induction since no electron flow (at least in an optimized system) is taking place.

2) The longitudinal waves of aether (voltage potential decoupled from electron flow) can be broadcast to power devices such as motors, lights, and heaters over very large distances. They can also remotely charge capacitors at a distance.

3) These longitudinal waves do not diminish exponentially with distance. They do not diminish in strength according to the inverse square law that governs ordinary transverse waves. For example, if the distance between a Tesla transmitter and receiver is doubled the power output of the receiver does not drop by a squared function. In the worst case, it will barely drop at all. In the best case, (if the transmitter and receiver are kept at resonance) the output of the receiver can stay the same over extreme distances or increase.

4) These longitudinal waves can penetrate any barrier including insulators or conductors. They can transmit information and power directly through Faraday cages and solid metal containers. This is not possible with transverse waves.

5) Amazingly, longitudinal waves seem to have some sort of momentum. Once a flow of longitudinal waves has been established it seems like the same flow wants to continue. Perhaps a good description would be that these waves are "self re-enforcing." These waves of aether seem to collect energy from the surrounding aether.

6) Longitudinal waves can travel at superluminal speeds.

Perhaps most importantly....

7) Tesla coils produce overunity gains of energy in multiple ways!

Overunity Energy Gains

It is possible to obtain free energy (or actually energy extracted from the aether) with Tesla coils. These gains of energy are fairly simple to reproduce and have been demonstrated repeatedly. Konstantin Meyl has built and tested numerous such systems that demonstrate "overunity" gains of energy. However, these gains of energy manifest in many ways. Let's explore them!

The first way a Tesla coil produces a gain of energy, is the obvious increase in voltage produced by the disruptive discharge. A certain quantity of voltage is pulsed across the spark gap. This produces a blast of longitudinal waves that is far higher in voltage than what was capable of being produced by the dynamo or capacitors that provided the input.

A second way a Tesla coil produces a gain of energy is the increase in voltage as the longitudinal waves or "aether" flows across the secondary windings. As it flows across the secondary, voltage increases to extremely high levels. In this step, the "gain" of the system is further increased. This voltage increase is taking place without any magnetic induction or conventional transformer effect.

The third way a Tesla coil produces a gain of energy is during the broadcast of longitudinal waves. As Tesla demonstrated, longitudinal waves have a self-sustaining or moment effect. Flows of aether seem to gain strength as they travel and want to continue even when the input of a system is cut off. As the waves travel between the transmitter and receiver they may increase in

power.

The fourth way a Tesla coil can produce a gain of energy, is when a receiver is in resonance with a transmitter. In this situation a receiver can collect longitudinal waves and allow them to magnify themselves as they flow over the inner coil. In a sense, a receiver is not only "receiving" power from the transmitter, but is also amplifying that power. This produces an even larger gain of energy.

Many overunity technologies are emerging in our current age, but Tesla's technology represented a simple and straightforward way to produce gains of energy over a hundred years ago. Just imagine the potential of his technology when combined with modern material science, electronic components, and micro-processor controls. The potential of the technology is limitless.

Potential of Tesla Coils and Aetheric Technology

The potential capabilities of Tesla coils are almost limitless. They are a source of free energy, allow for superluminal communication, allow for wireless transfer of power, and are speculated to be capable of even more exotic feats. Nikola Tesla proposed using such systems to produce force fields to protect cities from enemy attack. He even suggested medical applications for the technology. In fact, he mentioned how if someone could manipulate the aether, gravity manipulation could be possible!

Mastering and cracking the mystery of the aether can substantially help us to understand how our universe truly works. When that is accomplished, our wildest dreams have the potential to become reality. The stuff of science fiction could become absolute reality.

Perhaps when other civilizations beyond our planet recognize we have mastered this technology, open contact will be made. No wonder we appear to have [so many visitors](#) from other realms. Perhaps the preferred method of communication across the vast distances of space is not via the transmission of slow transverse waves, but by faster than light longitudinal impulses in the aether. Maybe this technology could give SETI (the search for extraterrestrial intelligence) a new tool by which to "tune in" to the universe (that is if SETI isn't just a window dressing operation to make us feel like we're at least trying when in fact the black ops have had the real technology for decades).



Due to modern technology, building a Tesla coil is simpler, easier, and safer than ever before. Instead of using potentially dangerous high voltage dynamos and spark gaps, solid state function generators can be used. The same effects can be demonstrated with these lower power systems that use a few volts instead of thousands to millions of volts. Advanced electronic tools such as oscilloscopes can allow for more precise observations of the impulses generated and received. There is no excuse for modern day scientists, engineers, technology enthusiasts, and even garage tinkerers not to develop this technology.

This field is wide open. Further development and enhancement of this technology, perhaps even

beyond the dreams of Tesla, is certainly possible. All it will take is for people to recognize its significance and get to work producing replications, finding applications, and designing products. Tesla spent most of the last half of his life working on perfecting this technology. With the wonderful possibilities it has to offer, it is easy to understand his dedication and obsession. Who among us will step up and continue the work he started?

Open Source

Steve Jackson in coordination with PES Network is launching an open source project that will offer plans, instructions, and kits to help with such replication efforts. This open source project will allow anyone with even a modest degree of technical know how (who can follow written instructions) to reproduce Tesla's power broadcasting technology.

Let's get serious about developing the potential of Tesla Coils so we can harness the power of the aether and all its auxiliary capabilities including harnessing of aetheric energy, superluminal communication, wireless transmission of power through any barrier, anti-gravity capabilities, and creating defensive shields to make conventional war obsolete!

- [Jacksons Tesla-wireless-coil instructions Apr-21-2011.pdf](#) (2 Mb) - complete instructions with appendices. (April 21, 2011)
- [OS: Tesla, Mevl, and Jackson's Wireless Aetheric Power Transmission](#) - open source project page at PESWiki
- http://groups.yahoo.com/group/jk_wireless - OS forum
- [Tesla's Scalar Field Still Beaming On!](#) - IEEE engineer, Steve Jackson, discusses and demonstrates how superluminal scalar or longitudinal waves can be utilized today. (*PESN*; March 26, 2011)

Contact

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This story is also published at [BeforeItsNews](#).

A Few Comments from Jackson

On April 19, 2011 5:52 PM Mountain, Steve Jackson provided the following thoughts:

- How does Mother Earth, the largest terrestrial consumer of energy, do her work? What powers her wheel-works? Can we tap into the same energy source? Tesla knew how.
- Hugo Gernsback published all sorts of novel physics in "Radio Electronics" in the 60's. [Hank Mills is] continuing a great tradition of American publishing.

- [Hank] should read a bit of Meyl's "[Scalar Waves](#)" book. Meyl's concept of neutrinos heating the core of the earth and creating the new mass that forces apart the continents is a wonderful model for the free energy researchers.
- It's time to banish the "Action at a Distance" physics theories. Forces are transmitted via the aether medium. Faraday, Maxwell, Tesla, et al "knew" this to be true.
- Speculation: This electrical physics is known to weapons designers, but is not permitted for civilian use? Is this why Academics do not go there?
- Meyl is the Black Forest Copernicus! Deserves a Nobel!
- Meyl has developed the necessary enhancement to Maxwell's Equations. ($-\nabla \cdot \mathbf{B}$)
- Meyl favors the "aether vortex" explanation as a physical model for these effects. I think he is correct in this.
- Magnets are said to be aether pumps.

What You Can Do

1. Pass this on to your friends and favorite news sources.
2. Replicate the wireless power transmission effect and explore new applications.
3. Join the http://groups.yahoo.com/group/jk_wireless forum formed around this open source project.
4. Start new industries based on this technology.
5. Let professionals in the renewable energy sector know about the promise of this technology.
6. We at PES Network are in a pinch right now. [Donations](#) would be greatly appreciated.
7. Subscribe to our [newsletter](#) to stay abreast of the latest, greatest developments in the free energy sector.

Other Relevant Coverage

See also

Resources at *PESWiki.com*

- [Directory:Wireless Transmission of Electricity](#)
- [PowerPedia:Wireless transmission of electricity](#)
- [PowerPedia:Scalar field theory](#)
- [Directory:Solid State Generators](#)
- [PowerPedia:Solid State Generator](#)
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