

The Energy Injection Experiment

It is generally accepted as fact that paranormal activity and its intensity is directly related to the amount of radiated energy in the environment. This is reflected by the effects of Space Weather (Solar Flares, Geomagnetic Storms, Solar Wind, etc.), The draining of batteries during a paranormal event, and the momentary interruptions of power (such as flickering lights). While there is little written of formal experiments proving the case for energy influence, we want to attempt to find a demonstrable correlation. To do this, we chose to use a Tesla Coil to inject massive amounts of energy into the air at a reportedly active site.

The Tesla Coil is most likely Nikola Tesla's most famous invention. It is basically a high-frequency air-core transformer. By using standard house voltage as a supply (120 Volts AC) it steps the voltage up to extremely high levels. Voltages can and do get to be well above 1,000,000 volts and are discharged in the form of electrical arcs. Tesla Coils are unique devices in the fact that they create extremely powerful electrical fields just by operating. Some of the larger coils are reported to wirelessly light up florescent lights up to 50 feet away. Due to the effect of the devices field on ionized gas, even burned out tubes will glow, as long as the tube has not lost its integrity.

In operation, electrical energy from the secondary and toroid is transferred to the surrounding air as electrical discharge or arc, creating heat, light, and sound. The electric currents that flow through these discharges are caused by the rapid shifting of quantities of charge from one point (the top terminal) to other areas (nearby regions of air). Tesla Coil discharges are formed as a result of displacement currents, as pulses of electrical charge are rapidly transferred between the high voltage toroid and nearby air space (called space charge regions). Although the space charge regions around the toroid are invisible, they play a dictating role in the appearance and location of Tesla Coil discharges.

As the spark gap fires, the charged capacitor discharges into the primary winding, causing the primary circuit to oscillate. The oscillating primary current creates a magnetic field that transfers to the secondary winding, bringing over the energy into the secondary side of the transformer and causing it to oscillate in conjunction with the toroid capacitance. The energy transfer occurs over a number of cycles or periods, and while there is some loss, most of the energy that was in the primary side is passed into the secondary side. The variable is the greater the magnetic coupling between windings, the shorter the time required to complete the energy transfer. As the energy intensifies within the oscillating secondary circuit, the level of the toroid's RF voltage dramatically increases, causing the air surrounding toroid to undergo dielectric breakdown, creating the famous corona discharge.

As the secondary coil's energy increases, larger pulses of displacement current ionize and heat the air at the point of initial breakdown or the Tesla Horizon as I call it. This forms a very conductive mass of hotter plasma, called a leader, that blasts outward from the toroid. The plasma of the leader is considerably hotter than the corona discharge, and is significantly more conductive. The leader scatters out into thousands of thinner, cooler, spider web-like discharges (called streamers). The streamers, resembling electrical arcs, appear to be a bluish fog at the termination point of the more luminous leaders, and it is these streamers that actually transfer the charge between the leaders and toroid into the nearby space charge regions. The displacement currents from the streamers feed into the leader, keeping it hot and highly conductive.

In a spark gap Tesla Coil like the one we use, the primary-to-secondary energy transfer process happens at typical pulsing rates of 50–500 times/second, and are adjustable in rate by “tuning” the gap. The previously formed leader channels never get a chance to fully cool down between pulses due to the frequency of the pulse. Therefore on successive pulses, newer discharges can build upon the hot pathways left by their predecessors. I call this “Blazing a Quantum Trail” This causes incremental increases of the leader intensity from one pulse to the next, lengthening the entire discharge on each successive pulse. By repeating the pulsing, the discharges grow until the average energy that's available from the Tesla Coil during each pulse balances the average energy being lost in the discharges as heat, light and sound. At this point, dynamic equilibrium is achieved, and the discharges have reached their maximum output power level. This combination of a rising high voltage Radio Frequency field and repetitive pulsing are ideally suited to create long, wiry discharges that are significantly longer than expected from output voltage levels alone. These discharges appear as filamentary multi-branched arcs which have a purplish blue color. On the other hand, high energy discharges create thicker discharges with fewer branches, and are pale, luminous, and almost white in appearance. Additionally, they are much longer than the low energy discharges, because of the increase in ionization. An indication of operation is the strong smell of ozone and nitrogen oxides permeating the environment adjacent to the device while operating. The important factors for maximum discharge length are identified as voltage, energy, and still air of low to moderate humidity (below 65% for our purposes).

Keeping all this in mind, we set out to determine if increasing the energy in the air would have any effect on paranormal activity. The site chosen has a history of moderate paranormal activity and is a private residence. The house is over 150 years old.

The equipment was set up and initial readings were taken in the area that was being tested. Some stray EMF patterns emerged, but there were no significant spikes to indicate any activity was occurring. We did manage to find a cold spot

about two feet off the floor near the set up area. The site showed elevated environmental levels for Ion counts and alpha radiation.

We energized the coil and ran it at full power for three minutes. The resulting energy surge was pegging all of the sensors and meters being used to monitor the event. We temporarily shut down all sensing equipment until the coils was deenergized. The result was immediate.

There were several loud thumping noises, several migratory cold spots, numerous EMF spikes, and an increase in photographed Unified Field Plasmoids (None were present prior to energizing the coil). We did not capture any intelligible EVPs, but frequency of recorded phenomena verses what was heard by the ear increased dramatically. It appears that energizing the air in the room where the activity reportedly takes place, caused an increase in activity. This is by no means proof positive of a definite correlation, but it is promising, none the less. Of course, we will have to repeat this experiment many times to determine if the data is real or artifactual..

References: Wikipedia