

## An Answer to America's Energy Deficit

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Energy, energy everywhere and not a Joule to Jounce. Conventional wisdom, when properly tuned will appreciate the nature of energy, as here presented. The basic unit of electricity (the electron) upon encountering a moving magnetic field (or wave) spins, giving off an electric impulse. When this impulse collapses, it spins back to it's natural position, giving off a magnetic impulse. Therefore, magnetic and electric are two sides of the same coin. When the magnetic side is pulsed, it yields electricity and conversely, pulsing of the electrical side yields a magnetic field. Moving one in relation to the other produces useful energy. When done consecutively, each cycle pushes (current) forward, while pulling electrons into the system...in much the same way as a water pump moves water. These electrons are obtained from Earth and air grounding.

The word "electric" comes from the Latin word electron "amber". When rubbed, amber develops an electrical charge, which can be transferred to a dissimilar substance. During the seventeenth and eighteenth centuries, a great deal of attention was centered on this attribute of amber. Amber was used to differentiate the non-metals. Carbon-related substances and other non-metals, when subjected to friction, give up negative electrical charges. On the other hand, metals when subjected to friction, simply conduct the charge. It is important to note approximately 70% of the Earth's exposed crustal portions (surface) consist of silicone related non-metals (electron donors) and become a direct source of electrical energy when properly agitated.

Useful electrical energy can be obtained by grounding into the Earth's non-metal crust and into it's atmosphere as a natural source of electrons. These electrons have accumulated from the solar plasma during the aging of the Earth for more than 4.5 billion years, at a rate exceeding 3.9 exajoules per year. This indicates that the Earth's electrical field contains in excess of  $17.6 \times 10^{18}$  cumulative exajoules of energy. One Exajoule is the approximate energy equivalent of 125 million barrels of oil. The electrical energy in one display of lightning is approximately ten trillion joules. Each 24 hours, the land portions of Earth's surface yields in excess of 200,000 emissions, which involves more than 2,000 quadrillion watt

C.F. Gauss (1777-1855) and H.C. Oersted (1777-1851) both were separately trying to define the Earth's electrical field with external influences removed. These external influences being solar quiet periods and being remote from the land's surface. The air electricity background which they measured varies with latitude. Their European measurements correspond to approximately the latitude of Washington, D.C. They were measuring magnetic field flux as an indicator of negative electron energy active and present. A related family of measurement are now presented. Units of measure used to define flux fields include Gauss (one unit = 100,000 volts), Oersted (one unit = 50,000 volts), Tesla (one unit = 10,000 Gauss) and Gamma (one unit = 1/10,000 of a Gauss). Much confusion exists in electrical related publications about these units. As presented here they are correct with values taken from their original definitions.

The entire surface of the Earth has been surveyed by aerial magnetometer, in most cases using gamma or nano teslas. One gamma is the magnetic flux equivalent of 10 active volts of electricity. When the data is corrected for flight height it becomes obvious that there are numerous areas where the gamma readings exceed one trillion gammas. Lightning strikes from the ground up are in that energy range. With knowledge of these electron enriched areas, the quality of Earth grounding, becomes enhanced. The correction necessary for land surface data when acquired from aerial magnetometer maps (using Coulomb's law) requires that the remote distance be squared and then multiplied times the remote reading. As an example, the remote reading is 1,600 gammas and the flight height being 1,000 feet. Take  $1,000 \times 1,000 = 1,000,000 \times 1,600$  gammas = 1.6 trillion gammas  $\times 10$  volts = 16 trillion volts equivalent for land surface data. Present day methodology requires mechanical energy in exchange for electrical energy. Once obtained, this energy is subject to Ohm's Law. Present Methodology obtains it's electrical energy from it's non-metal and air groundings.

This same energy can be obtained without the wasteful mechanical approach and at a much, much lower cost. Any required amount of electricity is available by resonate induction transfer from the Earth's magnetic and electrical fields. The major difference is in the functioning of Ohm's Law in relation to resonate circuits. In the resonate induction system here suggested, system resistance ( $Z$ ) becomes zero at resonance.

Therefore, volts and Amperes are equal (V.A.R.) until work (load) is introduced.

Each cycling of this resonate induction system pulls in additional electrons from the Earth's electrical field, generating electrical energy in any required amount. In this system, a small amount of electrical energy is used to activate and pull into the system a much larger amount of energy.

This electrical advantage corresponds to the pulley and lever of the mechanical world. The electrical system here presented is extremely efficient. Using present methodology as a basis for comparison, with it's 60 Hz. per second system. The resonate induction system, cycling at 60 million times per second produces one million times the energy produced by the present energy systems. A single small size unit of the resonate induction system has more usable electrical output than a major conventional unit. The radio frequency energy here produced is easily changed to direct current, then to the present 60 Hz. per second system in preparation for commercial usage.

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\*Patent Pending # 08/100,074, Electrical Energy Generating System,  
4 February, 1992.

Definitions: Joule is one watt for one second  
One watt is one volt ampere  
V.A.R. is Volt Amperes Reactive

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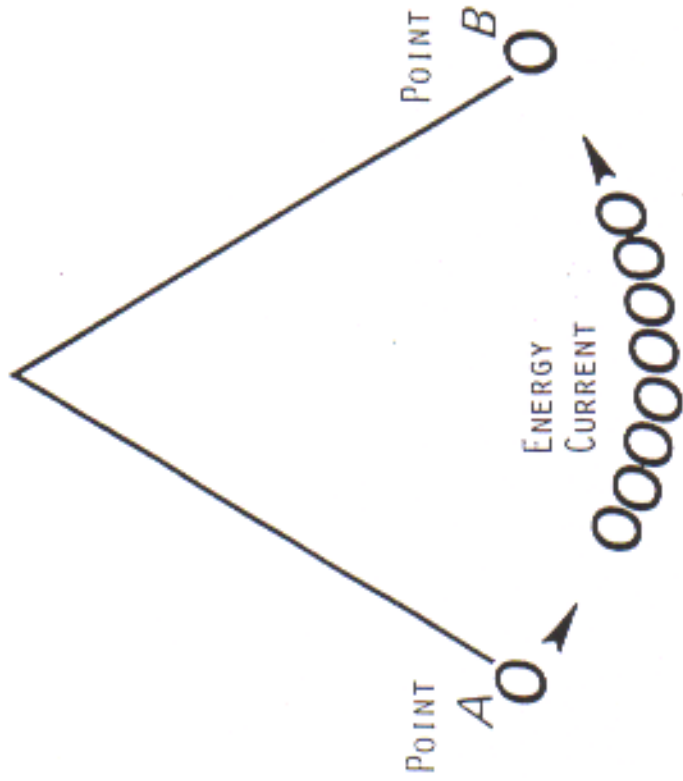
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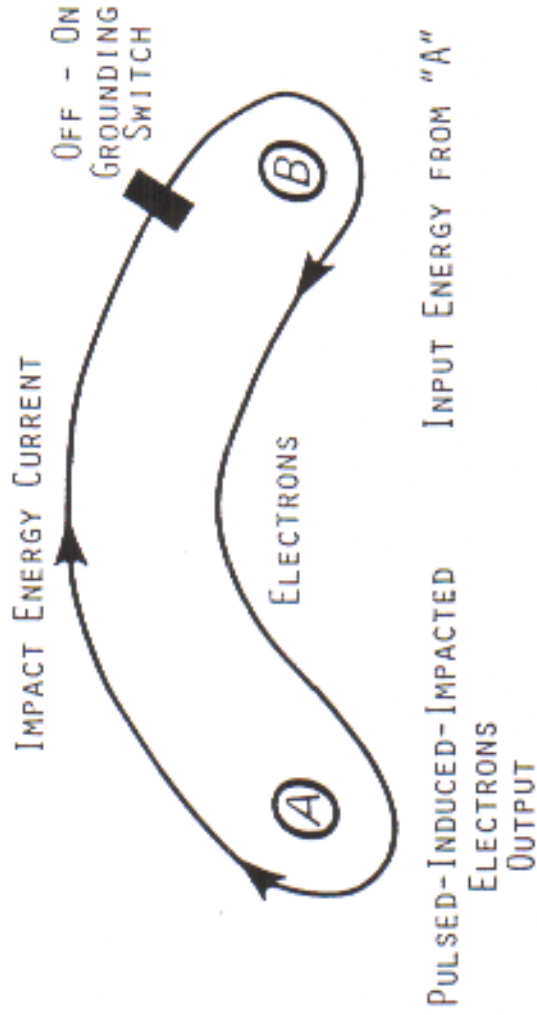
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ALTERNATING IMPACT ENERGY TRANSFER ANALOGY

ENERGY TRANSFER BY SWINGING  
STEEL BALLS



ELECTRICAL ENERGY TRANSFER BY INDUCTION  
PULSED ( IMPACTED ) ELECTRONS



IN ALTERNATING ELECTRICAL ENERGY SYSTEMS, ONLY THE POTENTIAL-IMPACT LEVEL REPLICATES IT'S SELF AT POINT "B". ELECTRONS DO NOT TRAVEL FROM POINT "A" TO POINT "B".