



Energy and Power Measurement Techniques

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With the ever-increasing need for developing alternative energy sources, there is currently a very great global need for understanding how to correctly measure the input and output power of any device by both potential investors and inventors! An incorrect measurement can lead to faulty conclusions and serious misunderstandings! The key to correctly measuring the power is to always consider the power factor, which is defined as the cosine of the phase angle between the voltage across a load and the current through the load.

Depending on the instrumentation available, it is the intent of this presentation to measure the power into and out of a device both correctly and incorrectly under both loaded and unloaded conditions and to compare the results. If a load is purely resistive, then the phase angle is zero and the product of the voltage and current give the correct "real" power. If the load were purely inductive or capacitive, then the phase angle is 90 degrees and the product of the voltage and current gives all "imaginary" power.

Resonance Energy Power System

Don Smith

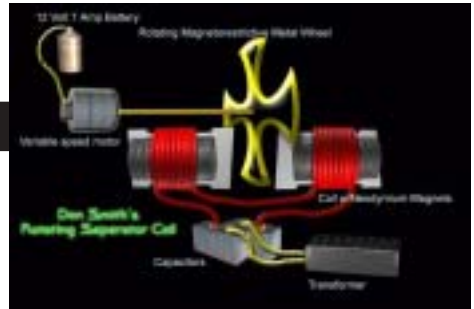
The Resonance Energy Concept takes advantage of a tiny portion of the vast ambient energy reservoirs present throughout our universe. Whenever the ambient resonance is disturbed there exists the potential to produce useful energy. Present everywhere throughout the Universe, electromagnetic energy is accessed via catalytic activity - either directly, as in the case of Solar Cells, or indirectly by mechanical means (as in a dynamo - a combination collector and pump drawing energy from the earth's ambient energy background) .

All electromagnetic energy harvesting methods include three things: a catalyst, a collector, and a pump. Catalysts include sensitization through modification of certain elements, as well as air and earth grounding. Collectors include temporary storage, as in capacitors, coils, and transformers. The pump system includes



Overseas research into zero point energy is accelerating. Several young and senior scientists are currently working on Casimir experiments, since Lamoreaux made an effort to replicate Los Alamos National Laboratory's 1997 Casimir energy experiments. Prof. Umar Mohideen at UCR and Davide Iannuzzi at Harvard are doing excellent experiments with modern micro technology to get more experimental data. With their work and that of several other scientists around the world, T.D. Lee's dream of "vacuum engineering" has moved a step closer.

To facilitate the advancement of the current state of the art, a team of University scientists are preparing experiments to demonstrate how to tap into the quantum mechanical space energy. Torsion



induced movement onward to a point of use. Conventional rotating coils and magnet systems activate the electrons present such that action at a distance can occur, serving therefore as an energy activation pump. Indirect acquisition of electrical energy by mechanical means (as in a dynamo) with its low energy yield, as well as high operating and maintenance cost, degrades and pollutes the environment.

The Resonance Energy Concept depends on nothing more than the earth's continued orbit and rotation, and a single Resonance Energy Device (about the size of a shoe box) produces ample energy to power itself, and even the largest of houses, almost indefinitely.

Zero Point Energy Current European Research A Briefing on Current ZPE Research

Dr. Thorsten Ludwig

fields, combined with heavy ion vortices in a cavity, are being examined as a viable ZPE mechanism. Efforts are being made to develop a probe to measure the change in the zero point energy. This tool will be a key to vacuum engineering.

Several new patents have come up in the last year. A recently invented magnetic semiconductor, that switches magnetic fields leading to a magnetic transistor-like amplifier is of high interest. However, the AQUAPOL unit has captured the stage at this time. .

This solid state device with spiral coils, can dry cellar walls by moving capillary water. Over 36,000 units (with warranties) have been sold. Installations include the Hungarian parliament. There is no power supply. The inventor claims that it works with Zero Point Energy and there is no other possible explanation.