

## Extracting Energy From The Quantum Vacuum: Can Zero-Point Energy Power Our Planet?

By Arjun Walia, Collective Evolution – CE, 24 September 2019

- **The Facts:**

Quantum mechanics has discovered that "empty" space is not empty, and that it's full of energy. Can this energy be utilized and drawn upon to provide power and replace our energy industry?

- **Reflect On:**

What would be the implications of new energy technology that allowed everyone on the planet access to clean energy?

The famous world-renowned American theoretical physicist John Wheeler once told the world that, "No point is more central than this, that space is not empty, it is the seat of the most violent physics." Notice the importance he put on the fact that space is not empty, and that there is no point "more central" than that. The fact that space is not empty has huge implications, some of which we will explore in this article.

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Nikola Tesla said that "The day science begins to study non-physical phenomena, it will make more progress in one decade than in all the previous centuries of its existence." There is no doubting this statement given the fact that to our senses, an atom, the bits of matter that make up what we perceive to be our physical material world, is 99.9 percent empty space. But again, it's not empty, it's actually full of energy. The field of quantum mechanics was key for questioning the perceived material foundations of reality by showing that atoms and subatomic particles are not really solid objects.

This empty space that exists all around us, this non-perceivable "substance," for lack of a better term, has been written about for thousands of years. I'd like to use an example from ancient Greece.

*And they allowed Apollonius to ask questions; and he asked them of what they thought the cosmos was composed; but they replied; "Of elements." "Are there then four?" he asked. "Not four," said Larchas, "but five." "And how can there be a fifth," said Apollonius, "alongside of water and air and earth and fire?" "There is the ether," replied the other, "which we must regard as the stuff of which gods are made; for just as all mortal creatures inhale the air, so do immortal and divine natures inhale the ether." "Am I," said Apollonius, "to regard the universe as a living creature?" "Yes," said the other.*  
– *The Life of Apollonius of Tyana, Philostratus, 220AD (source)*

In the past, many referred to this "empty space" as ether or aether.

*All perceptible matter comes from a primary substance, or tenuity beyond conception, filling all space, the akasha or luminiferous ether, which is acted upon by the life giving Prana or creative force, calling into existence, in never-ending cycles all things and phenomena."– Nikola Tesla, Man's Greatest Achievement, 1907*

Today, physicists seem to refer to it as the “Quantum Vacuum” or “Zero-Point” energy field.

So, the next question becomes, can we tap into this energy field? Can we use it to power our world and have “free” energy? Please keep in mind here that the term “free” energy is often misused. Free energy has nothing to do with money, it is called free energy because the quantum vacuum is limitless, it never runs out, it’s not a finite resource but rather an infinite resource.

*“Ere many generations pass, our machinery will be driven by a power obtainable at any point in the universe. This idea is not novel. Throughout space there is energy... It is a mere question of time when men will succeed in attaching their machinery to the very wheel work of nature.” – Nikola Tesla (source)*

### **Can We Tap Into The Quantum Vacuum?**

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The idea that space is full of energy is not a theory. A man by the name of Hendrik Casimir proved that empty space actually contains fluctuations of electromagnetic waves. He suggested that two metal plates held apart in a vacuum could trap the waves, creating vacuum energy that could attract or repel the plates. As the boundaries of a region move, the variation in vacuum energy (zero-point energy) leads to the Casimir effect. Recent research done at Harvard University and Vrije University in Amsterdam and elsewhere has proved the Casimir effect to be correct. (source)

How much energy is available? According to two of the most prominent researchers in the field, Eric W. David and H.E. Puthoff from the Institute for Advanced Studies at Austin, the energy density in the quantum vacuum is “enormous.” (source)

A number of studies have brought up the topic of extracting energy from the quantum vacuum, for example, a paper titled “Extracting energy and heat from the vacuum” by Puthoff in conjunction with Daniel C. Cole, Ph.D. and Associate Professor at Boston University in the Department of Mechanical Engineering stated a number of years ago that:

*Relatively recent proposals have been made in the literature for extracting energy and heat from electromagnetic zero-point radiation via the use of the Casimir force. The basic thermodynamics involved in these proposals is analyzed and clarified here, with the conclusion that yes, in principle, these proposals are correct.*

The truth is, “the concept of the conversion of energy from vacuum fluctuations is in principle not falsifiable.”

But, according to mainstream academia, “Even though experimental efforts at energy extraction from the vacuum have been proposed or are already under way at various laboratories, definitive theoretical support underpinning the concept of useful extraction of energy from quantum fluctuations is not yet in place. (source)

### **Is this really true? Or is it simply one of many examples of scientific suppression?**

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The reality of scientific suppression is no joke, it's actually quite evident, and there are many examples. A great example is the "Invention Secrecy Act," which was written in 1951. Under this act, patent applications on new inventions can be subjected to secrecy orders. These orders can restrict their publication if government agencies believe that their disclosure would be harmful to national security.

Today, the term "national security" is a complete joke. It's become an umbrella term used to classify any information or technological development that threatens big corporate interests or any agenda/plan the global elite has for the human population.

Steven Aftergood from the Federation of American Scientists reports on a list that was obtained from invention secrecy orders from 1971:

*"The 1971 list indicates that patents for solar photovoltaic generators were subject to review and possible restriction if the photovoltaics were more than 20% efficient. Energy conversion systems were likewise subject to review and possible restriction if they offered conversion efficiencies in "excess of 70-80%." (source)*

Could zero-point energy propulsion systems and energy generators be on today's secrecy lists?

*There is significant evidence that scientists since Tesla have known about this energy, but that its existence and potential use has been discouraged and indeed suppressed over the past half century or more. – Dr. Theodor C. Loder III, Professor Emeritus of Earth Sciences at the University of New Hampshire (source)*

Before his passing, Dr. Brian O'Leary, a former NASA astronaut and Princeton Physics professor told the world that:

*These concepts have been proven in hundreds of laboratories all over the world, yet never see the light of day. If the new energy technologies were set free worldwide the change would be profound. It would affect everybody, it would be applicable everywhere. These technologies are absolutely the most important thing that have happened in the history of the world. – Dr. Brian O'Leary, Former NASA Astronaut and Princeton Physics Professor (source)*

Furthermore, there are strange things happening within the world of Unidentified Flying Objects (UFOs) and the people involved. Take Steve Justice, for example, the recently retired Director of Advanced Systems at Lockheed Skunkworks who is on board with *To The Stars Academy*, a UFO initiative headed by former Blink 182 rockstar Tom DeLonge, bringing together some very interesting people like Justice to raise awareness about the reality of UFOs. UFOs have been photographed, video taped, and tracked on radars performing maneuvers that defy our known laws of physics. Their goal, or one out of many, is to bring forth these technologies that have been locked up in the black budget world in order to help humanity thrive.

Is this not enough evidence showing that there is something fishy going on? Take a read of the statement below by Justice. While discussing the concept for the craft that *To The Stars* plans to build, he stated that:

*This is a concept for an international point-to-point transportation craft that will erase the current travel limits of distance and time. It mimics the capabilities observed in unidentified aerial phenomenon by employing a driver system that alters space-time metric. We have*

*glimpses of how the physics of this works, but we need to harvest technologies from the Science Division to “realize” the capability.*

This quote was on the To The Stars website for more than a year. I’ve used it in multiple articles and have seen it many times. The site has since been changed, and it’s no longer up there. To give it more credibility, To The Stars has been quite open about crafts that alter the space-time metric, and this quote was also used by multiple mainstream media outlets like the New York Times and Scientific American in regards to Justice speaking about these crafts. Even renowned UFO researcher Leslie Keen, in an article for the Huffington Post, emphasized:

*Steve’s objective is to harvest this advanced technology to build a vehicle that will allow for almost instantaneous travel through land, air, oceans and space, by engineering the fabric of space-time. Such a vehicle could also float, like something from science fiction. Steve says we have had glimpses of the science that could make this possible.*

Right now, on the site, an important point made states: “As noted in our October 2017 TTSA kickoff webcast, technologies that would allow us to engineer the spacetime metric would bring capabilities that would fundamentally alter civilization, with revolutionary changes to transportation, communication, and computation.”

Based on the quotes given by Justice, he is admitting to the fact that there are technologies available in the “Science Division” that have been kept from humanity, and that it’s known within this division that some of these UFOs actually employ “a driver system that alters space-time metric.”

The statement by Justice echoes the statements made decades ago by Ben Rich, the second Director of Lockheed Skunkworks from 1975-1991.

*“We already have the means to travel among the stars, but these technologies are locked up in black projects, and it would take an act of God to ever get them out to benefit humanity. Anything you can imagine, we already know how to do it.”*

*“We now have technology to take ET home. No it won’t take someone’s lifetime to do it. There is an error in the equations. We know what it is. We now have the capability to travel to the stars.”*

*“There are two types of UFOs — the ones we build and the ones ‘they’ build.”*

You can read more about the sources for these quotes from Ben Rich here.

This begs the question, was Apollo 14 astronaut Dr. Edgar Mitchell correct when he stated flat out that, “yes, there have been crashed craft, and bodies recovered”? Have covert black budget programs obtained extraterrestrial crafts and reverse engineered them?

Earlier in this article, I cited a paper published by Hal Puthoff and Eric Davis illustrating that the energy density in the quantum vacuum is “enormous.” Davis is a very well-known scientist. For many years, he was a member of the National Institute for Discovery Sciences (owned by Robert Bigelow) and the Chief Science Officer of EarthTech Int’l, Inc. and the Institute for Advanced Studies at Austin, and he is now the Owner/Chief Executive/Chief Scientist of Warp

Drive Metrics, which consults and contracts for the Department of Defense. He is also an Adjunct Professor in the Early Universe, Cosmology and Strings Group at the Center for Astrophysics, Space Physics & Engineering Research at Baylor University in Waco, TX. By the way, Robert Bigelow has been quite outspoken about the knowledge he has that we are not alone and that extraterrestrial beings are “already here.”

Puthoff is also a very well-known scientist who has done a lot of work for the Department of Defense.

A recently leaked document has exposed notes regarding a meeting Davis had with Admiral Thomas Ray Wilson, who was the Director of the Defense Intelligence Agency, in which they discussed an extraterrestrial space craft. This meeting was also confirmed prior to this leak by astronaut Edgar Mitchell, who was also in attendance.

The documents point towards a program that involves the crash retrieval of extraterrestrial crafts that are “not made of this earth, not made by man.” You can view the entire document here and read more about it and watch a discussion CE founder Joe Martino and I had about it on CETV here.

I also recently published an article about a former member of the Air Force Office of Special Investigations, Richard Doty, whose identity has been verified by Hal Puthoff, stating that multiple extraterrestrial crafts are in the hands of the US government and that many of them use zero point energy for their propulsion systems.

Furthermore, there are multiple patents and multiple inventors who claim to have invented electrical generators that are powered by zero-point energy.

One example is Parahamsa Tewari, who invented such a machine, but has since passed. He is pictured below with Brian O’Leary, and you can find out more about his life’s work here if you’re interested.

*A century from now, it will be well known that: the vacuum of space which fills the universe is itself the real substratum of the universe; vacuum in a circulating state becomes matter; the electron is the fundamental particle of matter and is a vortex of vacuum with a vacuum-less void at the center and it is dynamically stable; the speed of light relative to vacuum is the maximum speed that nature has provided and is an inherent property of the vacuum; vacuum is a subtle fluid unknown in material media; vacuum is mass-less, continuous, non viscous, and incompressible and is responsible for all the properties of matter; and that vacuum has always existed and will exist forever....Then scientists, engineers and philosophers will bend their heads in shame knowing that modern science ignored the vacuum in our chase to discover reality for more than a century. – Tewari*

The words above come from the late Parahamsa Tewari, who recently had a paper published in Physics Essays. The paper is entitled “Structural Relation Between The Vacuum Space and The Electron. You can access the full study here. Tewari also points out that dark matter has been mistaken for what it really is, as he describes in his “Space Vortex Theory”:

The interesting part about Tewari is that, from his theory, he took it out of the theoretical realm by generating machinery based on the science, in the form of an electrical generator. Again, you can learn more about that at the link to his website above the picture.

## **The Takeaway**

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The takeaway here is to realize that extracting energy from the Quantum vacuum is, within the mainstream, only theoretically possible, but there is an enormous amount of evidence suggesting that it's already been done and that this type of activity and technological breakthrough has been kept hidden from the human race for many years.

Our potential as a species is huge. We seem to already have the energy solutions we need. But if that's true, we need to ask ourselves, why are they not being implemented, and what systems are in place that prevent the solutions from coming out?

Discovering solutions is not the issue—the issue is with greed, ego, manipulation, and selfishness. Until our race transitions from the majority of people being self-serving to the majority being in service to others, we cannot progress as a society. Human consciousness needs to change, not technological development. Our intelligence is great, it's the intention behind what we do and the technological breakthroughs we make that really matters.

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