

# *Z*<sub>ero</sub>---*P*<sub>oint</sub> *E*<sub>nergy</sub> *C*<sub>onverter</sub> & *H*<sub>umanity</sub>!!!

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The Zero-Point Energy field is a natural power grid that extends throughout the Earth and throughout the entire Universe! Z-PEC is a way for anyone to tap into that energy-grid, anytime, any place, as much and as often as they want, without having to pay anyone, anything, **ever!!!**

## *A Great Benefit to Humanity*

We will no longer be nearly as vulnerable to a crippling electro-magnetic pulse----whether manmade or Solar in origin! It is conservatively estimated that such an event could kill tens of millions in the United States alone, just from the breakdown of basic services, transportation, distribution, energy water and public sanitation.

We will stop using fossil fuels. With free energy, we can choose to actually remove CO2 from the air to make all the things that are currently being made from coal and oil.

Free energy gives us inexpensive desalination and an inexpensive means to pump water up from the ocean to any desired location! The deserts can bloom. Now-Marginal Lands can flourish.

Free energy will greatly reduce the burden on the natural environment since abundant water means **we can grow more food on less land!!!** Indeed, we can even grow crops year-round, **throughout** the Earth, thus reducing the amount of land that is needed to cultivate even more food; locally-grown organic fresh produce will be available throughout the year.

Free energy means that dams can be removed and rivers can be restored to their natural splendor!!!

There will be no need for any kind of centralized air traffic control. Flying cars will automatically follow a virtual map that will define what speed and direction vehicles must be traveling in for every location in the sky. Simple vehicle-mounted radar or sonar will keep adjacent vehicles properly spaced.

Users will only need to input their desired destination!

We will travel between any two points on Earth in 90 minutes or less, including the time to navigate the much slower local traffic patterns.

Automated delivery modules will deliver online-goods, factory-direct to our homes in hours, not days---throughout the Earth. No place will remain remote and inaccessible!

Highways will become migratory routes for wild animals.

City streets will become natural buffer zones for wild life and indigenous plant species.

When selectively logging, trees can be pulled straight up out of the ground, into the sky without disturbing anything around them! No more brush piles, no more logging trucks on crowded highways.

Free energy means that dams can be removed and rivers can be restored to their natural splendor!!!

It will be amazingly simple to recycle entire buildings, lifting them straight-up and flying them from one location to another!

Entire cities can be inexpensively picked up, one building at a time and moved out of harm's way, away from dangerous faults, away from flooding. Naples, Italy is currently at-risk for total annihilation from Mt. Vesuvius, perhaps with little warning. If nothing else, the automated system of flying cars could quickly evacuate a city prior to large storms, Tsunamis, volcanic eruptions, and other catastrophes.

The worst instances of mass-starvation occur simply because the people are cutoff from the rest of the world. In other words, there really is plenty of food for everyone on Earth, and will be for the near future, but we lack the infrastructure to distribute it to remote areas that are cutoff by a lack of roads and often, by war.

Relief to 2004 Tsunami victims would have been virtually instantaneous. New Orleans would have been easily evacuated without traffic jams.

Fire trucks and Ambulances will never again be caught in traffic!

Having an inexpensive transportation system operating Worldwide, means that poor farmers no longer have to choose between cultivating food for their families, and working in the city to have jobs, education, medical care and other opportunities. More people growing more food will keep the price down for all of us. Plus, these small farmers can be taught to grow specialty, organic crops for an additional revenue source since they too will be able to access the automated delivery modules.

Inexpensive World Travel means that people will increasingly view themselves as citizens of Planet Earth. They will increasingly identify with diverse people that they never would have met prior to the advent of Z-PEC.

There is a very real prospect of reducing or even eliminating many of the worst aspects of poverty; this will also contribute to World Peace.

Militarily, all nations will be put on more of an equal footing with each other. Everyone will have more to lose and less to gain by provoking warfare. More of the World will have the resources to

intervene, when necessary to stop genocides so that this burden will not fall merely on the larger countries.

***This means REALLY--FREE ENERGY*** since consumers will be purchasing *home generators* and *new cars* with ***part*** of the money they already were ***already*** spending on never-ending fuel and electric bills!

Luxurious Spaceships will carry passengers throughout the Solar System and beyond.

Lifting massive shielding to protect from harmful Space radiation will be no obstacle.

By continuously accelerating or decelerating at one-g, these ships will simulate Earth's gravity in Space!

One-g transit-times between Earth and Mars will vary between a week and ten days.

Round trips to nearby Stars might take decades instead of millennia!!!

With abundant, free-energy, human habitation can extend throughout the Solar System—even in the cold outer Solar system!!! This bodes well for the long-term survival of our species since we will no longer be literally putting all of eggs in one basket!!! Bottom line, something bad is highly-likely to eventually happen to the entire Earth!!! We will eventually be glad that we developed effective alternatives!!!

We will finally have the means to deflect errant asteroids and comets from their hapless appointment with Earth----even on short notice!!!

Much, if not all environmentally harmful mining can be take place outside the Earth's fragile environment!!!

Hazardous waste can be safely buried inside deep craters on the Moon.

Satellite communication will be cheaper. Indeed, less expensive communications equipment can simply hover in the air above and between cities! This also eliminates much of the delay that arises from signals having to travel up to and between satellites that are located so very far from Earth in Geostationary Orbit, more 30,000 km from the Earth, and often more than 100,000 km from each other---resulting in that annoying delay in many international Calls!

Once we have chips that are powerful enough to lift a spacecraft, we can go anywhere whatsoever, while enjoying a constant one-g acceleration. In other words, because the ship is *constantly* accelerating at 9.81 meters per second <sup>2</sup>, the occupants experience a gravity-like force. (I am ***NOT*** claiming to cause true gravitational attractive or forces or anti-gravity repulsive forces!)

This works out to Earth-Mars transit times of a week to ten days, each way. People could commute daily,

to and from any point on Earth in less than 45 minutes. The outer Solar System is accessible on modestly increased time-scales.

Round-Trips to the nearest few Stars could be accomplished in decades instead of millennia, or even sooner if we can exploit some of the relativistic effects that are thought to occur in these cavities. (There is some evidence that Space-time is dramatically altered inside the cavities and possibly in the immediate vicinity, just outside the cavities.)

In addition to Outer Space we will have the energy to create and to illuminate vast underground systems of Cavern to free up more of Earth's surfaces for a return to nature. We may take to living in the skies, perhaps above the clouds where the Sun shines every day! This will free up yet more land to be restored to its natural state!!!

Really, once one gets a hold of the concept of how very **powerful** the net mechanical force on these plates can be, one can imagine endless possibilities!!!

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