

Open System Physics

The Quantum Energy Solution

The following discovery is the result of over 20 years of research into energy breakthroughs, anomalies and cutting edge physics. Quantum energy not only provides an unlimited source of sustainable energy that obsoletes the concept of fuel, it exposes an error in fundamental physics assumptions and explains why our current civilization is inherently unsustainable.

This is not theoretical. The technology is already developed and ready for commercialization. Quantum energy obsoletes all current energy sources, is fully scalable from cell phones to cities, creates no pollution and enables any type of vehicle to have unlimited range.

So how is this possible? This paper will explain the proof, the physics and the implications.

1. Quantum Infinity

As a rudimentary definition, Quantum means anything subatomic. Just as the Macro universe is potentially infinite, so is the quantum universe.

Infinite concepts are difficult to comprehend. From particle physics to the Big Bang, we still try to explain the universe from a finite perspective, with a center, a beginning and an end. This has even extended to an irrational assumption that an infinite universe can somehow be considered a ["Closed System"](#).

By definition, an infinite construct cannot be closed. Concepts such as "largest" or "smallest" cannot exist and infinity must logically stretch in both directions of scale.

Why is this important?

Because the default assumption of finite closed systems created the foundation for a critical mistake.

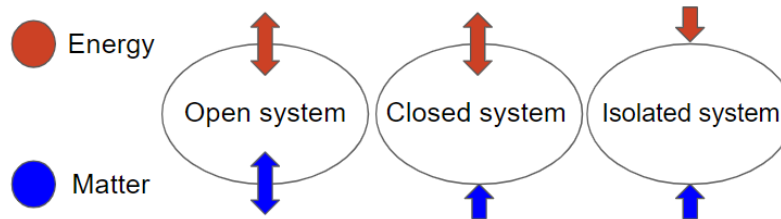
That mistake led to a global civilization that is inherently, predictably and increasingly unsustainable.

*"A new type of thinking is essential if mankind is to survive".
Albert Einstein*

2. Closed System Physics

Open, Closed and Isolated systems form the basis of our most fundamental assumptions about energy and matter: [The Laws of Thermodynamics, Energy Conservation and Entropy](#).

These laws form the basis of all current technologies used by our civilization and how we perceive the universe.



The problem is, the most important definition of Closed and Isolated systems has been missed.

1. A Closed or Isolated system requires that energy density must remain constant regardless of scale.

All current evidence suggests that energy density increases as size decreases with no theoretical limit. This is why nuclear energy is 1 million to 10 million times more powerful than chemical energy and fusion is more powerful than fission.

If energy density increases inverse to size, then the energy value of any system cannot be determined and is potentially infinite.

2. Closed or Isolated systems cannot be created within an Infinite System.

This is because it is impossible to isolate from an infinite spectrum, especially at the quantum level, a realm of potentially infinite inverse energy density.

Closed and Isolated Systems cannot exist because:

1. No system can be created where internal energy density is not potentially infinite.
2. No barrier can be proven to isolate from an infinite energy spectrum.

Conclusion. Laws of Thermodynamics, Energy Conservation and Entropy are based on the existence of systems that do not exist.

Obviously these laws have appeared to be correct. After all, we have used closed system beliefs to build our entire civilization. However there is a huge difference between a universal law and a finite perspective. Using a macro definition, a sealed jar is a closed system. Matter can't escape but energy can heat or cool the contents. A thermos seems to be a partially isolated system since the insulation resists thermal transfer. However, from an infinite quantum perspective, both systems are open.

Closed System Physics is ultimately unsustainable because it creates a Debt, Lack, Depletion, Pollution, Expansion based economic model and culture. This is because we have so far discovered only the destructive side of a creative destructive balance and believed that this was all there was.

3. Open System Physics

Everything is part of an Open System. This connection clearly occurs at the quantum level as we can now prove with working technologies. Closed and Isolated systems only appear to exist from a finite macro perspective.

The basis of Open System Physics is that:

1. The universe is an Infinite, Open System in both macro and quantum directions.
2. Energy density increases as size decreases with no theoretical limit.
3. It is impossible to close or isolate from an infinite, inverse energy density reality.
4. **Macro entropy is maintained in balance with quantum negentropy**
This is why atoms are clearly not entropic.

Therefore:

- Closed and Isolated Systems do not exist.
- Resultant Laws of Thermodynamics, Energy Conservation and Entropy are invalid from a quantum energy perspective.
- Quantum frequencies may extend infinitely beyond the speed of light (gravity, quantum entanglement, consciousness, time etc).

The discovery of quantum negentropy provides a new understanding of the universe and what we currently perceive, although it may be more accurate to say rediscovery.



4. Quantum Energy

Current scientific laws regarding energy assume that molecules or atoms must be broken down to lower energy states in order to release chemical or nuclear energy. This is what we call "Fuel". The Sun is assumed to run on a finite fuel source that will eventually run out, so even solar, wind and hydro power are ultimately considered to be fuel based, driven by the Sun's nuclear engine.

This is the only form of energy we currently understand.

A new mechanism has been discovered and demonstrated with profound implications. Atoms can also operate like a lens, pumping energy from the quantum state into various macro forms such as heat or electricity while maintaining atomic or molecular integrity. This involves no radiation or breakdown of chemical or nuclear matter. In fact, we can also demonstrate that radiation can be neutralized.

This transfer principle was initially discovered over 100 years ago* but was ignored as an anomaly. Subsequent discoveries were also ignored for the same underlying reason. If something cannot be explained from a fuel based destructive perspective it is assumed to defy fundamental laws of physics. This is incorrect.

Quantum Energy is not theoretical or some distant reality. Practical Quantum generators have been built, tested and are ready for commercial applications* with the ability to replace all current energy sources at any scale from cell phones to cities. This pollution free energy source enables unlimited range transportation and devices that never require charging. Cost is far lower than any other source of energy and market applications are universal.

Quantum Energy provides the basis for a sustainable abundance based economy and civilization. It also proves that some of our most fundamental current assumptions of the universe are incorrect.

5. Implications

We can now prove why our civilization is systemically unsustainable.

Over the last 150 years a false scientific assumption has defined the foundation of our civilization and how we perceive the universe. Resultant Laws of Thermodynamics, Energy Conservation and Entropy have formed the basis of an unsustainable fuel based economy of debt, lack, depletion, pollution and expansion. This in turn has created a suicidal relationship with our life support system.

As a global recovery solution, Quantum Energy not only obsoletes the concept of fuel, it provides the fundamental capability to transform our civilization from an unsustainable economic model, to an inherently sustainable, abundance based model.

With abundant energy, water can be accessed in the middle of a desert and food can be grown in any climate. With the cost of fuel removed, even the poorest communities can afford personal transportation, food, water, heating and cooling. Pollution drops significantly as do the current complexities of resource depletion, infrastructure and pollution.

To really understand the implications, imagine if Quantum Energy had emerged 100 years ago. What would our civilization look like today? Would we be facing the life threatening economic and environmental crises we now face?

Every type of transportation would have unlimited range both on and off the planet. Eventually there would be no need for roads, power lines or power plants. Even access to space would become mundane, effectively opening up the resources of this solar system and beyond.

If we do not transition soon, our current civilization and maybe even our life support system will inevitably and predictably collapse. Since we now understand the cause, the systemic complexities of unsustainability become clear as predictable symptoms rather than unsolvable crises. The recovery solution is just as simple. Quantum energy finally provides the enviro-economic basis for a sustainable civilization.

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**Specific technologies can be discussed after NDA and are available for demonstration.*