

# From Ball Lightning to Clean Energy

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Imagine a world with abundant clean energy that is locally produced for homes, vehicles and buildings and costs 80% less than today's energy. Clean energy will come from an appliance the size of a 10,000 Watt backup generator. Imagine energy without burning fossil fuels and without nuclear fuels. New technology from ball lightning studies will make all this possible.

Ball lightning has been an intriguing natural mystery for centuries. I built a lab to make lightning bolts to look for the ball lightning solution. What I found was a way to produce spinning plasma toroids that looked like bright balls of lightning.

This turns out to be a new discovery; a self-stable plasma ring that needs no external magnetic fields to hold it together. The physics has been peer-reviewed and is discussed at:

[www.electronpowersystems.com](http://www.electronpowersystems.com).



Picture of a self-stable plasma toroid forming around an electric arc

The amazing thing is that these self-stable plasma rings have ultra-high density, about 10,000 times denser than magnetically confined plasma rings such as Tokamaks. The ultra-high density is sufficient for a clean fusion energy process that has eluded major research efforts for decades. We plan to apply this new discovery to a proven fusion process.

Major applications include: clean local energy; space travel with 99% less fuel mass; practical asteroid protection for planet Earth; air defense beam to end classic warfare; elimination of world poverty with clean energy available to all; and more. A book: "Protect Planet Earth with Ball Lightning Technology," describes the technology and describes the applications. Copies will be available at Lulu.com starting August 1, 2014.