

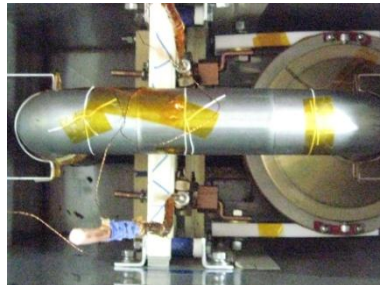
## Press Release: Entropy Driven Absolute Negative Pressure Energy Technology

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On 28 September 2014 I, Daniel H. Deeks, demonstrated the feasibility of my patented Entropy Driven Absolute Negative Pressure (ANP) energy technology and an IEEE Xplore online paper titled "Entropy Driven Absolute Negative Pressure Systems for the Future of Electric Power" was recently published discussing this technology and demonstration milestone. Devices employing this technology are able to convert sufficient heat (Bose) energy, contained in ambient air, to Electric (Fermi) energy to power a vehicle at highway speeds non-stop /no-recharge needed. This technology renders the use of batteries in electric vehicles to be obsolete. The prototype device is about the size large desktop computer and has an energy conversion capability of 15 kW of continuous power.



The Device and Support System



Inside the box

As most you are most likely not very familiar with Absolute Negative Pressure (ANP) I have attached a link to a [lecture](https://www.youtube.com/watch?v=i6RutDwO3XU) (<https://www.youtube.com/watch?v=i6RutDwO3XU>) by Dr. Seth Putterman of UCLA discussing "sonoluminescence" an absolute negative pressure phenomena which is a good primer to understanding Absolute Negative Pressure.

How such devices operate:

Material subject to ANP spontaneously contract to maintain or increase their entropy (bubble expansion). During these contractions the heat (Bose) energy (enthalpy) contained in the contracted media is transferred to electric (Fermi) energy by raising the Fermi energy levels on the electrons in the media.

When the media expands (bubble collapse) this electron energy is emitted as "black body radiation" or to a magnetic field if there is one present and if this field has the correct magnetic field strength intensity range. Such physical processes are well known as cavitation or bubble formation, expansion and collapse.

The Specific Technology

Optically doped metallic Lithium in a very strong magnetic field at cryogenic temperature is optically cavitated using a high power laser as discussed in the above mentioned IEEE Xplore online paper. The heat (Bose) energy in the metallic lithium is passed to the magnetic field. This causes an increase in the electric current in the superconducting coil that is producing this magnetic field. This electric current is passed across the cryogenic to ambient temperature gradient without thermal loss. This current increase can be drained off at ambient temperature as useful DC electric current (electric power). The temperature of the cryogenic metallic lithium decrease and additional ambient heat is added to this lithium. The system is self maintaining at it operating cryogenic temperatures and can be also used to cool other cryogenic, refrigerated or cooled processes.

A copy of the IEEE Xplore paper is available online from the IEEE, or by emailing me, and I will email you a copy back.

As of this date 11 April 2015 current second generation Patents include:

- US - 7,581,403
- China - ZL2007010494140
- Australia – 2008200129
- Russia - 2451246
- Pending Indian and Canada

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