

Re: Magnets = Energy?

Source: <http://sci.tech-archive.net/Archive/sci.physics/2008-04/msg00808.html>

- *From:* "Tom" <Nospam@xxxxxxxx>
 - *Date:* Tue, 8 Apr 2008 22:12:35 -0400
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Interesting. If gravity is a form of energy and the magnets are pushing against it that would suggest energy in the magnet. Ok, I know this is contradictory. Let's examine it this way. It takes a massive amount of energy to align the magnetic domains. Energy can't be created or destroyed. Electrical energy dissipates in several ways, typically heat. In the case of charging a magnet what happens to the electrical energy? We know it was not destroyed or converted to heat. It was used up creating a temporary magnetic field to charge the magnet to a permanent state. I would argue that a magnetic field is energy except that it takes energy to get the energy out. Example would be a permanent magnet generator. Remove the magnets and there is no electrical output. You simply have a spinning mechanism. Not trying to break any law's here.

"Paul Cardinale" <pcardinale@xxxxxxxxxxxxxxxx> wrote in message <news:e1af4c00-71e5-462f-bb5b-e161a861da47@xx>

Tom wrote:

I know they can't perform work but I am puzzled.
I have 2-100 pound pull magnets. They are in repel mode.
The top magent is mouted on a round one inch thick steel plate nside of
a
PVC tube. The other magenet rests at athe bottom of the tube. So far it
suspends 50 pounds about 3 inched in the air. If I try and hold 50 pounds
against gravity I become a litte tired. This suggets I am expelling
energy.

Correct.

Is the pair of magents not doing the same thing?

No. All of the energy that you are expending in holding a weight goes

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into heating your body (most of the heat going into the muscles that are used to hold the weight. None of the energy is delivered to the weight.

The magnet is no more "expelling" energy than a shelf with a weight on it.

Paul Cardinale