

Re: Time to get rid of the resistor.

Source: <http://sci.tech-archive.net/Archive/sci.electronics.basics/2005-03/0750.html>

From: Silver Surfer (*h.mcguffinspamouflage_at_comcast.net*)

Date: 03/13/05

Date: Sat, 12 Mar 2005 20:25:48 -0500

Tom asked:

"Could we power a generator with a motor and power the motor with the generator and have a continuous supply of motion?"

Even if the generator and motor did not each have inherent losses then what would this accomplish?

"Tom Biasi" <tombiasi@REMOVEoptonline.net> wrote in message news:I9MYd.2094\$IS6.146@fe10.lga...

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> <currentresident@veloemail.com> wrote in message
> news:1110664733.748132.80650@z14g2000cwz.googlegroups.com...

>> As I understand it the resistor wastes energy by converting it into
>> heat. Consider this simple circuit a battery connected to a light bulb.
>> The light bulb shines onto a photocell the photocell charges the
>> battery. Thus the light bulb functions as a resistor but some of the
>> energy has been recovered. Now that the problem has been defined
>> someone who understands the physics better can work on making a
>> resistor that does not waste power.

>>

> Hi,

> The resistor doesn't waste energy it just transforms it.
> If you have no need for the heat then to you it is wasted.
> What you are saying is that a portion of the energy that supplies the
> light bulb does not make light.
> You wish to recover the energy that does not make light.
> It can and is done now.
> Take a look at some of the efficientencies of transforming energy and
> see what is feasible.
> Could we power a generator with a motor and power the motor with the
> generator and have a continuous supply of motion?

> Regards,

> Tom

>

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