

Permanent Magnetic Generators with COP >1

The company **PMG informed the readers of their website** that their generators do not work like so-called perpetual motion devices. **It is impossible to** drive the current generator with an electric motor (or other mechanical energy producing device) of smaller power and **obtain a surplus of electric current**. It is always necessary to provide a little more mechanical energy than the amount of produced electrical energy. In all the current generators produced nowadays there is mechanical resistance on the driveshaft under electrical load, see: <http://pmg-technology.com/o-firmie/>

This is **the conventional view** which **does not allow you to achieve a COP** (COP = output divided by input) **greater than 1 or 100%** in a complete energy balance. This is surely true if we regard a complete isolated system. However there is no such thing as an “isolated” system in nature and therefore the prohibition on COP>100% is false.

With special geometric design it is possible to allow extra energy flowing into magnetic systems from outside by forced coupling to the external space quantum field. There exist several patent applications and realizations of such systems with COP > 1 or even COP >> 1.

According to the invention US6208061(B1) of An Jong-Sok from South Korea it is possible to design magnetic generators which are load-free and which therefore can maximize the generators efficiency by erasing or eliminating the secondary repulsive load exerted on the rotor during electric power generator. Such a device teaches a magnetic flux shunting system with multiple flux paths for the “reaction” flux caused by the induction produced in stator coils by a moving permanent magnet rotor. Reaction flux being that engendered by Lenz’ law, which is a counter flux trying to oppose that flux causing the Faraday induction, see: www.borderlands.de/Links/US6208061B1.pdf .

Another modification of this kind was invented by the **Kiyotatsu Fukai, a citizen of Japan**. He has applied the **patent GB1206309** for a **special design** of a magnetic generator with a rotor equipped with permanent magnets. **Fukai uses shunts, which saturate** part through the cycle, thus **stopping the hunting action** after a certain amount of reaction flux was diverted. **Because reaction force is delayed and attenuated by the shunting**, the rotor magnets have moved on to new positions with different torque behavior for this reaction flux, thus **not as much back-torque** on the drive shaft **occurs**. It's a complex interaction involving the fixed nature of the magnet rotor, energy transformation from magnetic, to mechanical to electrical induction, back to mechanical etc., see: www.borderlands.de/Links/GB1206309A.pdf .

Fukais design allows to eliminate the retarding torque which is exerted on the rotating part due to the interaction of the magnetic fluxes. A peculiarity of **this generator** according to the invention is that it **will not function as a motor**. If an electric supply is connected to it, it shows no tendency to rotate but merely burns out. This proves also that there occurs no back torque when electricity is drawn from the machine when she is running as a generator. Replications of **such a generator** have shown that it **delivers more electrical energy out compared with** the invested **mechanical energy to drive the rotor**. Evidently we can set up a condition where nature is forced to yield up some excess energy from the underlying reservoir.

Energy Conversion Systems with COP > 1

According to the physicist **Dr. Jorge L. Duarte** who has done some research to the autonomous running magnetic motor system of the Turkish inventor Muammer Yildiz **there are two possible sources from which excess energy can flow into an open - not isolated - system.**

According to a theoretical model he has elaborated **it can be assumed** that autonomous magnetic motors are drawing the **additional energy from the quantum fluctuations** which are maintaining the magnetic field vortices, see: http://www.borderlands.de/Links/ModelingYildizMotor_v01.pdf .

He postulates that the registered spatial field distribution for the magnetic induction is similar to double vortex structures. Such a kind of **double vortex** which can be measured **might be seen as a result of electromagnetic singularities**, indirectly **equivalent to separated magnetic monopoles in space**. It is then postulated that one type of vortex is predominant, yielding singularities that virtually behave like monopoles in the gaps between rotor and stator.

Inside magnetic materials, charged particles (electrons) jitter synchronously without collision. This **process is maintained by electrons receiving energy from photons in space, and emitting photons back to space**, by this way building the magnetic field (a coherent pattern of quantum fluctuations) around the magnets. **Normally it is an energy exchange process with no net energy transfer on average.** However, when mechanical energy is taken from the spinning axis, it is assumed that, **for** a certain range of output power, **some ingenious construction** of magnets **allows displacing enough energy from the quantum fluctuations** through the internal particle jiggling to keep the helicoidal shape of the magnetic field around the rotor. Otherwise stated, space is the primary source of energy in the Yildiz motor, since the **quantum fluctuations** are what **maintains the magnetic field vortices**, in spite of the energy transfer through the spinning rotor.

According to another theoretical approach of Dr. Jorge L. Duarte we could speculate that the **energy is continuously supplied** by reenergizing the spins of the elementary magnets **via photon flux from gravitational fields**. Otherwise stated, the self-sustained vibrations of the magnets in the motor would somehow resonate with gravitational fields. For details see: www.borderlands.de/Links/IntroducingYildizMotor.pdf

Conclusion (by the author): In the same kind as an ingenious construction of magnetic motor can deliver torque to the rotor axis originating from the magnetic fields which are continuously energized from the quantum field or gravitational field **it seems** also **possible that a sophisticated magnetic generator can generate additional energy** compared with the energy delivered by external mechanical torque to the axis. Any sophisticated construction can be the **realizing of virtual magnetic monopoles** which **allow to introduce** into a balanced system a **kind of unsymmetry and forcing the system to couple to the space energy background.**

James D. Faule, expert in magnetic monopoles, **confirms:** "...I am now offering to my fellow comrades news of **the existence** of certain materials that are thought impossible to exist but, which in fact DO exist. The materials of which I am referring, were (high energy **magnetic monopole materials**) with resistive forces of at least 10 to 20 tons per square meter x 1/4" thickness... Please consider closely what I am about to tell you! **I have seen the physical and documented proof and also the formulas to prove this...**" see:

<http://pesn.com/2004/06/05/HighEnergyMagneticMonopole/>

Karl Palsness, an expert on Tesla technology, confirms such statements by saying: "... Permanent magnets or electromagnets such as in a generator or a motor, under certain conditions, give overunity (OU) behavior. But there's more to it than that, from what I've seen myself in overunity devices. **It is all about geometry of the system.** How and where a permanent magnet gets it's energy, is still a very big mystery to science. Excess energy can appear in electromagnets, as well..."... I believe that the **magnetic field is coupling with**, I'd have to say the word: **'The Vacuum'**. In other words, it's coupling with an unknown -- whatever makes the permanent magnet work. We truly don't understand the science of that. There are a lot of theories, but no proof yet. **Permanent magnets are still one of those unknowns**, as to why it does what it does...There are a lot of unknowns..." see: http://peswiki.com/index.php/Directory:Motor-Generator_Self-Looped_with_Usable_Energy_Left_Over

Producers of PM Systems with COP >1

Several international companies are producing PM generator systems which can deliver electrical energy with COP > 1.

One such example is the company **Technokontrol in Belgium** with global sales head-quarters in Canada and the logistic center in Uenca, Spain, see: <http://technokontrol.com/en/products/generator.php> .

17 years ago the Spanish engineer, **D. Antonio Romero developed** and patented an **electromagnetic generator capable of producing electricity without any form of energy intake** based on Nikola Tesla's Electro Magnetic Resonance invention.

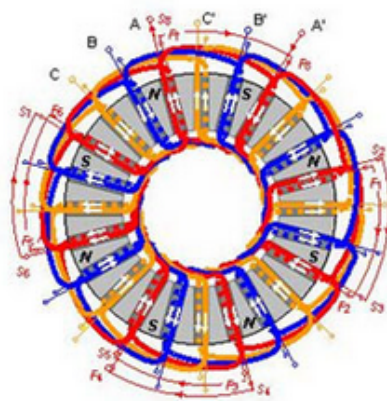


Fig.10: Generador en disco de doble estator

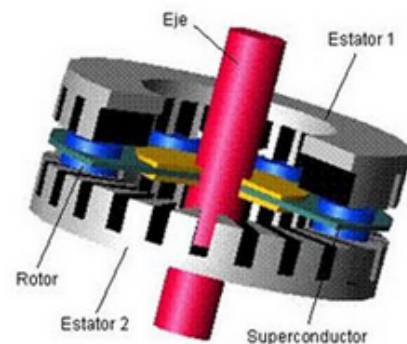


Fig. 11: Esquema del devanado trifásico

This self-powered autonomous electricity generator

is the **OMEGA Electromagnetic Generator RF-5000** manufactured **by Technokontrol**, a Belgium company. This company is a market leader in the prevention of explosions and fires via developing several new products which have been tried and tested within the industries of Military & Defence; Maritime; Transportation; Petroleum & Gas and last but not least, the Construction Industries, see:

<http://technokontrol.com/en/company/index.php>

An overview to such autonomous systems which are in development can be found under:

http://peswiki.com/index.php/Directory:Motor-Generator_Self-Looped_with_Usable_Energy_Left_Over

Author: Adolf Schneider (TransAltec AG), Dec. 24, 2013