

Tesla's Prophecy

**Ere many generations pass,
our machinery will be driven by a power
obtainable at any point in the universe.**

This presentation was lectured by Toby Grotz
on 11 September 2016 at the
“Internationaler Freie-Energie-Kongress”
(congress about entirely novel energy technologies and related topics)
on 10 and 11 September 2016
at The Monarch Hotel in 93333 Bad Goetting in Germany

Version 2 from 25 September 2016

On Mass, Charge, and Gravity,
from
The Space-Vortex Structure of the Electron
Paramahansa Tewari



Paramahansa Tewari

- Electrical Engineering in 1958, Banaras Engineering College, India,
- Managed large nuclear engineering construction projects for the Department of Atomic Energy, India.
- Former Project Director of the Kaiga Atomic Power Project.
- Retired Executive Nuclear Director, Nuclear Power Corporation, Department of Atomic Energy, India.
- His new ideas on the basic nature of space, energy, and matter have resulted in a new theory titled Space Vortex Theory

The books that he has authored on Space Vortex Theory are:

The Substantial Space and Void Nature of Elementary Material Particles (1977)

Space Vortices of Energy and Matter (1978)

The Origin of Electron's Mass, Charge Gravitational and Electromagnetic Fields from "Empty Space" (1982)

Beyond Matter (1984)

SPACE VORTEX THEORY (SVT)

Paramahansa Tewari

SVT has proven that:

Space (vacuum) is non-material:

incompressible

non-viscous

continuous

mass-less fluid

And can possess a steady flow varying from zero to light velocity (c)

Space Vortex Theory

- **Postulates**
- *The medium of space, throughout the universe, is an eternally existing, nonmaterial, continuous, isotropic fluid substratum.*
- *The medium of space has a limiting flow speed equal to the speed of light relative to the absolute vacuum, and a limiting angular velocity, when in a state of circulating motion.*
- *The medium of universal space is eternal and endowed with motion.*

Proof

- Proof of these postulates and that the universal substratum of space with nonmaterial* properties has real existence—is provided by SVT which derives the basic properties of:
 - the electron
 - Mass and charge
 - inertia
 - gravity
- * “Nonmaterial” signifies a massless, density-less, incompressible, non-viscous and continuous fluid.
- The absolute vacuum with non-material properties is termed as “**Space.**”

- Gravitation is caused due to mass-property of matter but the process of creation of mass in matter is not sufficiently dealt with in contemporary physics.
- The basic equations for the electron's mass and charge from new principles arising from the space-vortex structure of electron, have been derived.
- Gravitational and electromagnetic fields are shown to be the structural fields of electron. New formulas to derive the surface gravity of the sun and earth, planets and galaxy, from the spatial

Space is:

- *A nonmaterial* and incompressible fluid devoid of any known property of matter, such as mass, density, discreteness, viscosity, elasticity, or compressibility, *etc.*
- Further, if the properties of “mass” and “charge” of an electron must be derived from the *first principles* **then a massless and chargeless fluid that, as a vortex, can form the structure of an electron, must be assumed.**

However – thousands of years ago, the ancient sages of India described the natures of space when they said:

इदं तदक्षरे परमे व्योमन्

Idham thadhakshare parame vyoman.

**The aakaash is not destructible,
it is the primordial absolute substratum that creates cosmic
matter and hence it is:**

परमे व्योमन्

Parame vyoman

**The *aakaash* is the eternally existent, superfluid reality, for which
creation and destruction are inapplicable.**

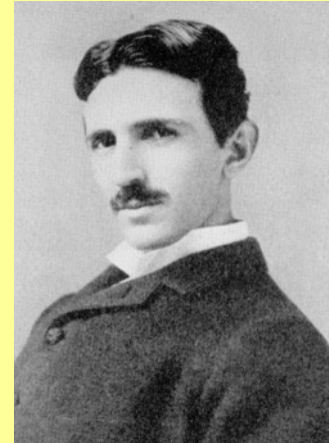
(the properties of *aakaash* are not found in the matter)

See Universal Principals of Space and Matter pg. xii

Ancient Wisdom – New Science

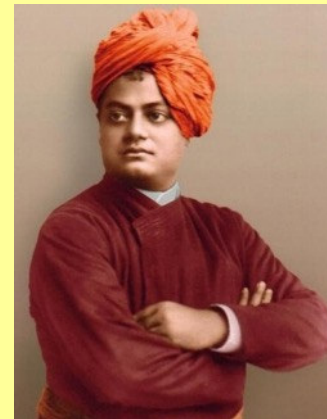
All perceptible matter comes from a primary substance, or tenuity beyond conception, filling all space, the akasha or luminiferous ether, which is acted upon by the life giving Prana or creative force, calling into existence, in never ending cycles all things and phenomena.

Nikola Tesla
Inventor of the alternating current
induction motor and generator,
“Man’s Greatest Achievement,” 1907.



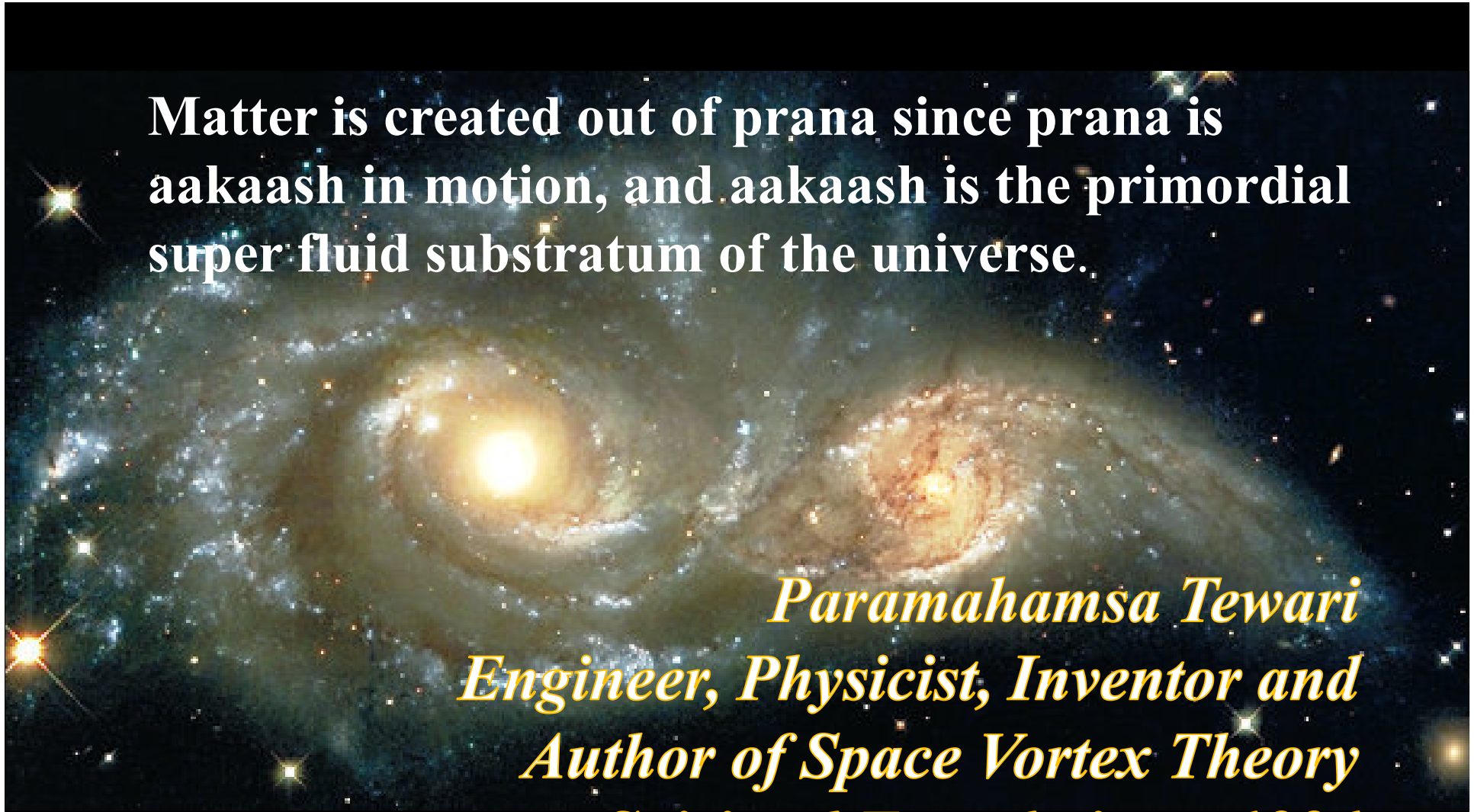
Ere many generations pass, our machinery will be driven by a **power obtainable at any point in the universe.**

Nikola Tesla – Inventor, AC Motors & Generators, RF circuit tuning, robotics.



All the powers in the universe are already ours. It is we who have put our hands before our eyes and cry that it is dark.

Swami Vivekananda - Introduced Tesla to Vedic Cosmology and Sanskrit Terminology.

A background image showing two large, spiral galaxies in deep space, appearing to interact. The galaxies have bright yellow-orange cores and swirling arms of stars and gas. The background is dark with scattered stars and distant galaxies.

Matter is created out of prana since prana is aakaash in motion, and aakaash is the primordial super fluid substratum of the universe.

*Paramahansa Tewari
Engineer, Physicist, Inventor and
Author of Space Vortex Theory
Spiritual Foundations, 1996*

According to Space Vortex Theory, Tewari predicted that galaxies of opposite rotation will attract electrically. Those with similar rotation will repel.

POWER GENERATION FROM SPACE

THE FIFTH ELEMENT

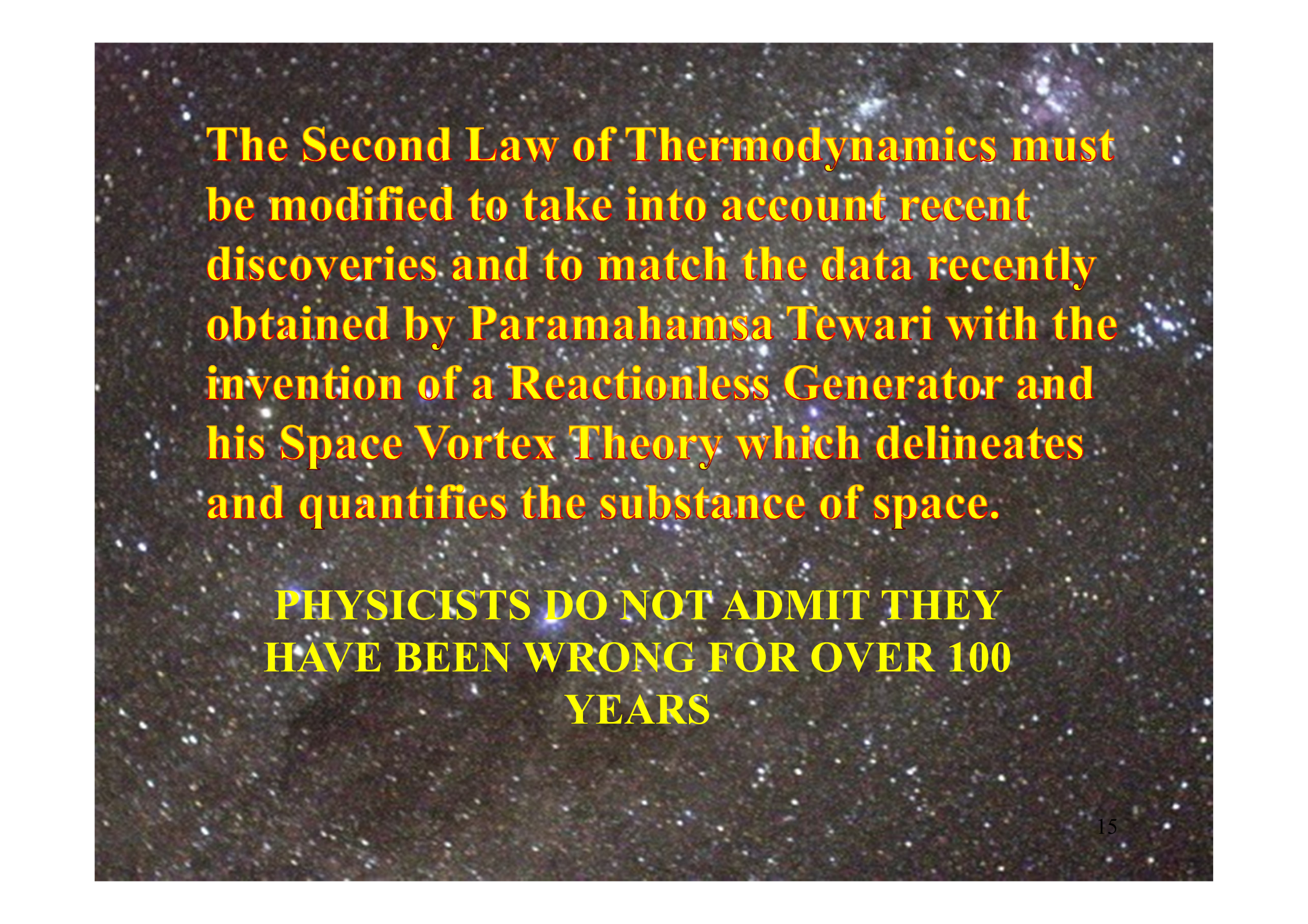
<u>Element</u>	<u>Source</u>	<u>Type of Generation</u>	<u>Availability</u>	<u>Remark</u>
Earth Akasha	Coal, Oil, Gas	Thermal plants	Limited, fast depleting	Highly polluting, limited supply
Water Jala	Rivers	Hydro electric plants	Limited, exploited	Clean but impacts river eco system, reservoirs accumulate silt
Fire Agni	Solar	Solar PV cells	Abundant, being exploited	Clean, less polluting No Fuel Costs
Air Vayu	Wind	Windmills	Abundant, being exploited	Clean, less polluting No Fuel Costs
Space Akasha	Space Higgs Field Akash	Reactionless Generator RLG	Infinite, to be exploited	Clean, no pollution No Fuel Costs

Courtesy of Murlindar Rao

**Now Physicists say:
According to Higgs's idea....
All of space is filled with an invisible
substance.**

Brian Greene, professor of physics and mathematics at Columbia,
“The Hidden Reality: Parallel Universes and the Deep Laws of the Cosmos.”





The Second Law of Thermodynamics must be modified to take into account recent discoveries and to match the data recently obtained by Paramahansa Tewari with the invention of a Reactionless Generator and his Space Vortex Theory which delineates and quantifies the substance of space.

**PHYSICISTS DO NOT ADMIT THEY
HAVE BEEN WRONG FOR OVER 100
YEARS**

The most significant breakthroughs in the history of the Human Race

1. Control of Fire
2. Invention of the Wheel
3. Use of Electricity and Magnetism
4. Nuclear Energy

Each breakthrough depends on the Prior

The NEXT most significant breakthrough
in the history of the Human Race

5. Free Energy & Gravity Control

The Reactionless Generator

- An Alternating Current Generator.
- Same materials used in current AC generators.
- Allows the production of power without a corresponding increase in input power.
- Tested and proven in India
- Cheap electricity available anywhere
- Meets green standard, low to no fossil fuel usage or pollution.



The RLG in Mr. Tewari's laboratory

The Reactionless Generator (RLG)

- Inspired by the description of space and matter in ancient Vedic texts, The RLG was invented by Paramahansa Tewari, noted Executive Director, Nuclear Power Corporation, Department of Atomic Energy, India, and the former Project Director of the Kaiga Atomic Power Project.
- The RLG has been successfully built and tested and duplicated by a second party skilled in generator manufacturing.



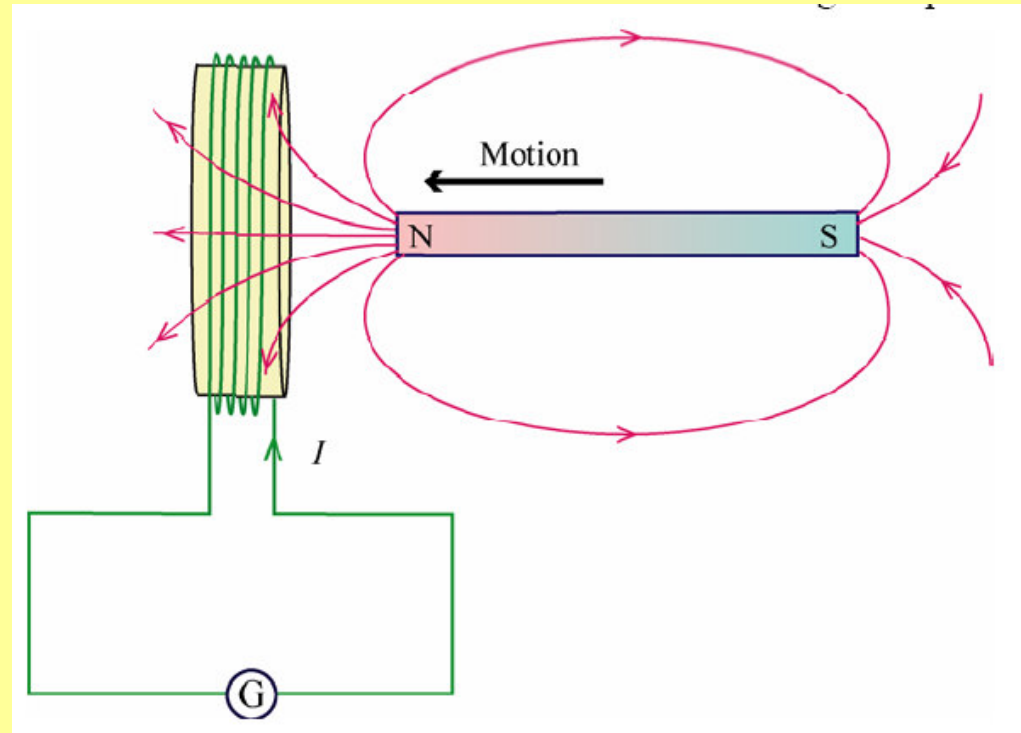
Paramahansa Tewari (right) with RLG during testing in India with Toby Grotz (left)

The Reactionless Generator

How it Works

Induction

Current is *induced* in a conductor by a magnetic field



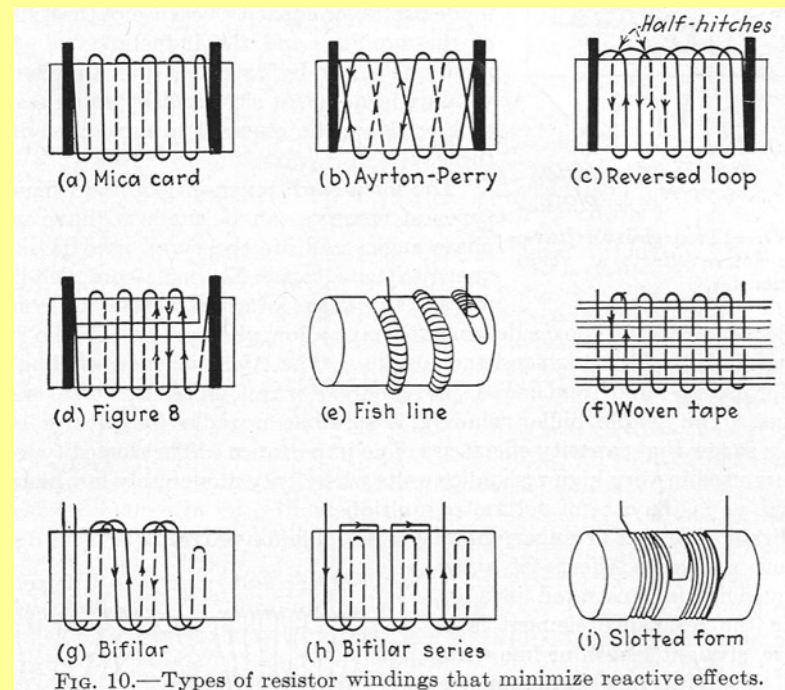
John Betts , Applied Physics, Chapter 24

THIS IS FUNDAMENTAL TO GENERATION OF ELECTRICAL POWER

Minimizing the effects of Induction

The winding techniques used to manufacture low reactance high frequency resistors reduce inductance can also be used to **nullify or bypass Lenz's Law**.

A similar technique has been used in the RLG



Radio Engineers Handbook, F. E. Terman, 1943

Lenz's Law

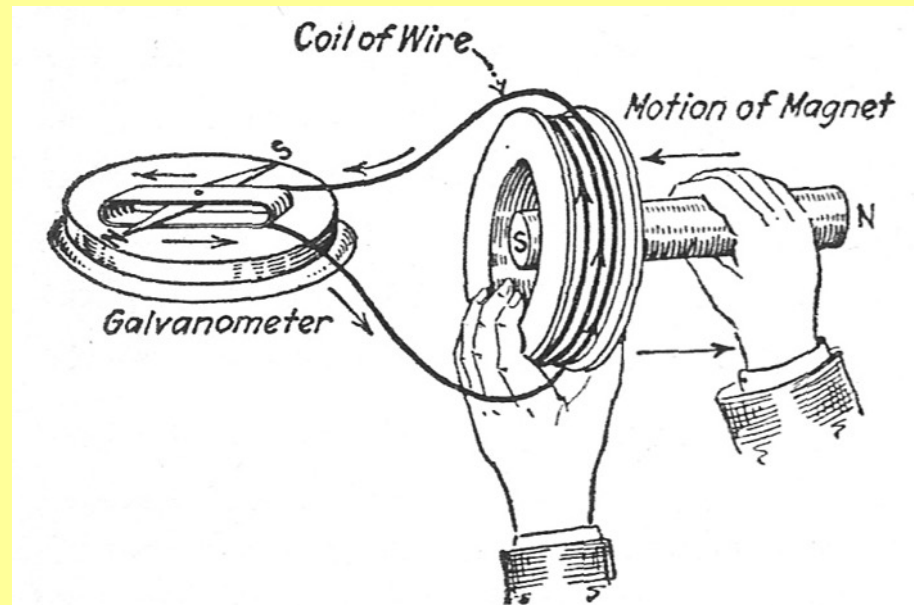


Fig. 281. — The Magnetic Polarity Produced in the Coil by the Current tends to Stop the Motion Producing the Current — Lenz's Law.

Swopes Lessons in Practical Electricity, C.W. Swopes, 1900, 1926

RLG Operating Principles

- Explanation of RLG phenomenon comes from the principles of Space Vortex Theory that explains the creation and stability of electrons, the flow of electrons from atom to atom, the formation of a current in a conductor, and the creation of the field structure of electron—all these from the absolute vacuum of space (a mass-less, nonmaterial fluid).

See www.tewari.org for details.

RLG Operating Principles

- Briefly stated: the positive terminal of a DC generator has a shortage of electrons while the negative terminal has more electrons. This is because the electrons in the atoms of the armature conductors in rotation interact with the magnetic fields that strip them of their orbital electrons and push them to from the negative terminal.
- When the positive terminal of the generator is connected to the external stationary output circuit, the electrons of the neutral atoms of the circuit, now in contact with the positive terminal, are pulled by the positive generator terminal and this process continues. The negative terminal supplies the electrons that are pulled from atom to atom, the process starting from the positive generator terminal.

RLG Operating Principles

- Though the atoms of the circuit conductor do work in pulling the electrons from the negative terminal to the positive terminal, their structural energy remains intact without any loss. This is because the electron, as well as the atoms, are vortices of the mass-less, continuous, non viscous vacuum. These vortices continue to retain their structure despite their continuing interactions.
- In an RLG, by a specific configuration of the armature conductor and the magnetic field, a torque that supports rather than opposes the motor torque is created. This way the armature reaction is nullified and Lenz's law is bypassed. There is no creation of energy from any source. The Laws of Conservation of Energy (LCE) are not violated.

Efficiency

The efficiency of an electrical generator is governed by mechanical and electrical limitations. The mechanical limitations include windage and friction of the generator's rotor and bearings. The electrical limitations include electrical impedance within the windings of the generator as well as the back torque.

With a prime mover such as steam, wind, or water is attached to a generator so as to cause the rotation of the generator's rotor resulting in the production of either a direct or an alternating current within the generator's conductors, a back torque is produced which counters the rotation caused by the prime mover.

Therefore, the problem with standard generators is that their efficiency is limited due to back torque generated as a result of current induced within the generator's conductor windings.

What Happens to the Efficiency of a Generator when Back Torque is Eliminated?

This is What Happens

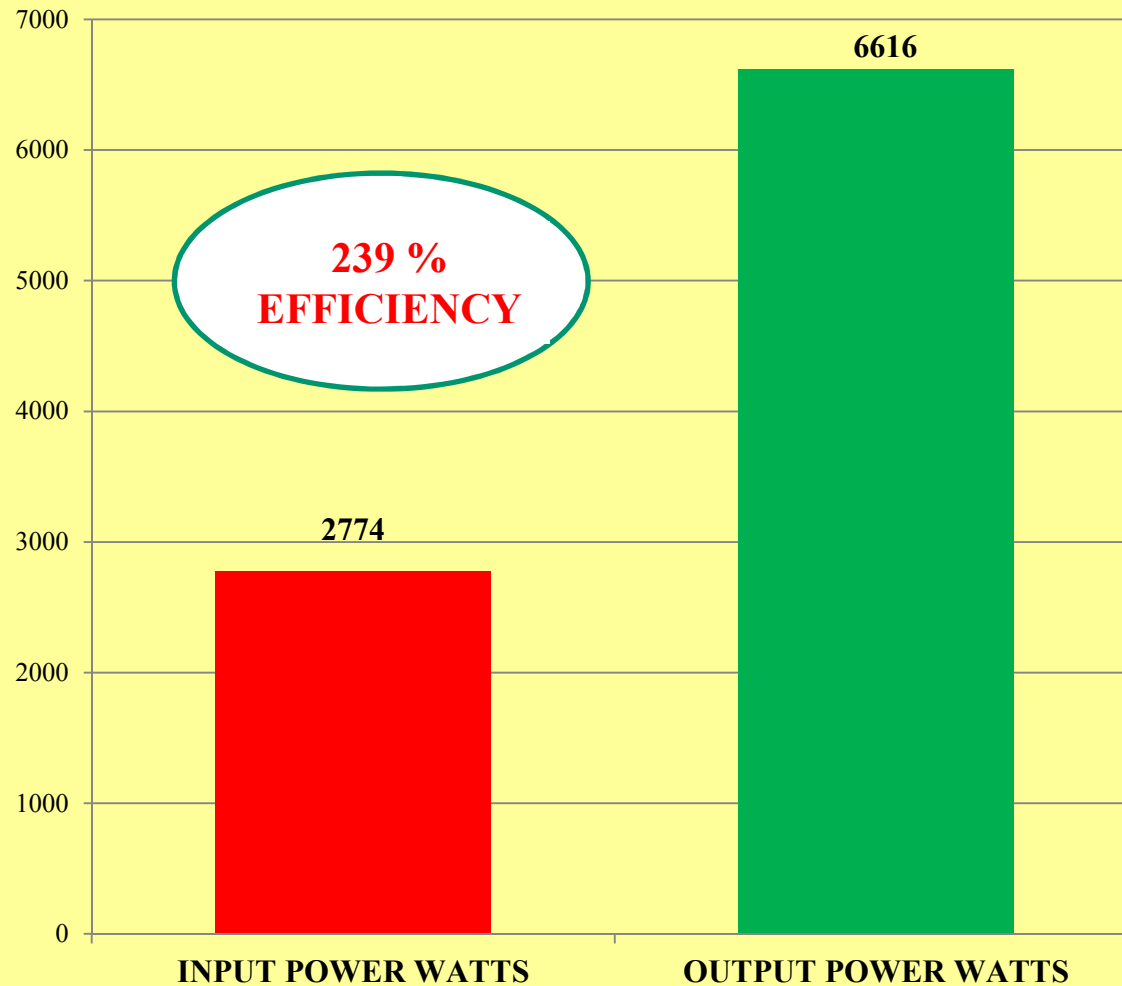
In an RLG, by a specific configuration of the armature conductor and the magnetic field, a torque that supports rather than opposes the motor torque is created.

As a result, the armature reaction is nullified and Lenz's law is bypassed. Enormous gains in efficiency have been demonstrated and as a result;

A new generation of electrical machines is enabled which can greatly reduce the use of Fossil Fuels and Carbon Dioxide emissions.

RLG Test Results

November 23rd, 2014



The test results of input power to the drive motor and the output from the RLG are shown on the accompanying graph.

- Red = Input to the RLG
- Green = the output from the RLG.
- Output, 248 volts 3-phase power.
- 50 Hertz at 1500 RPM

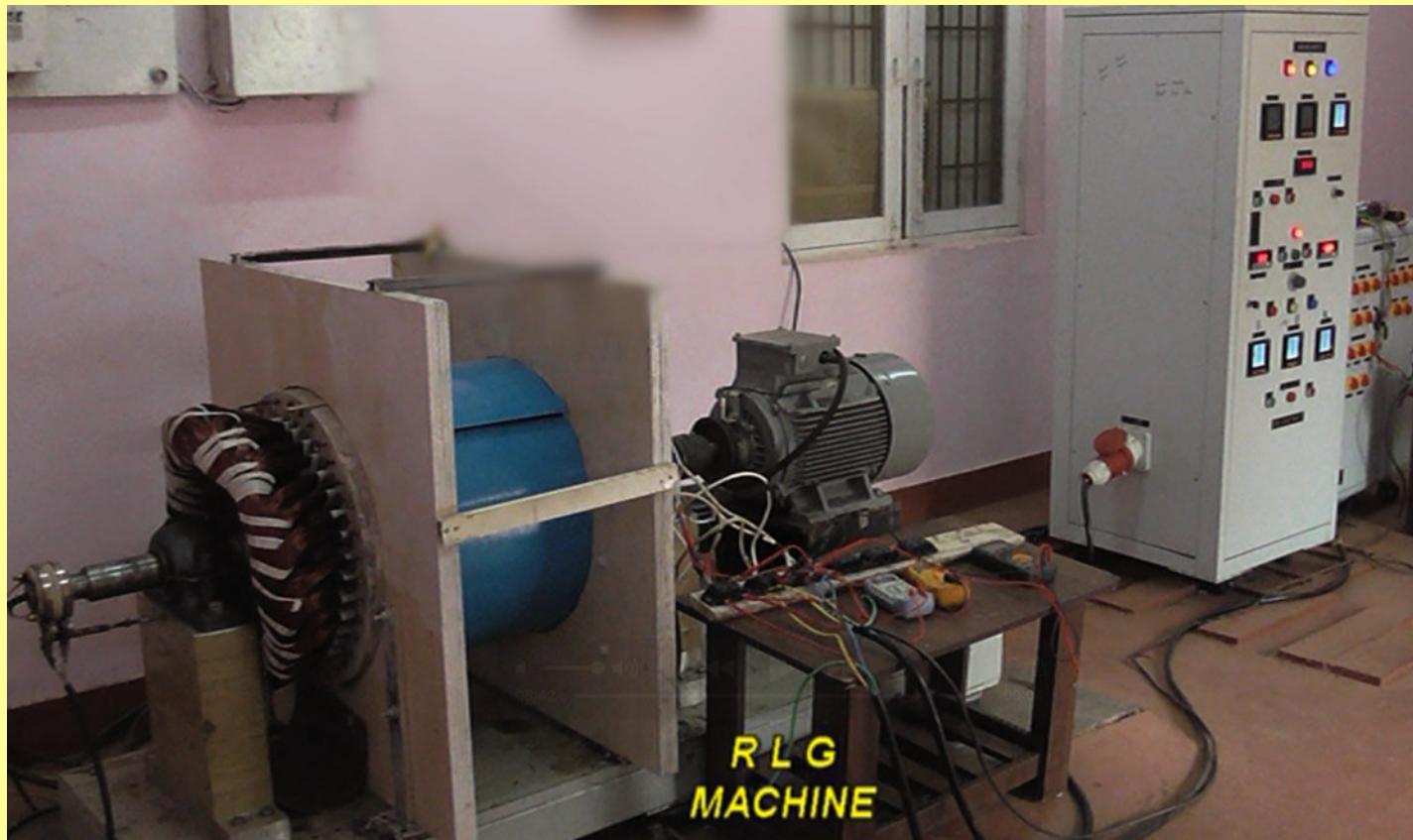
Input to Drive Motor = 1.724 KW

Output = 4.461 KW

50 Hz, 3 Phase 220 VAC

Efficiency = 2.58

July 9th, 2016

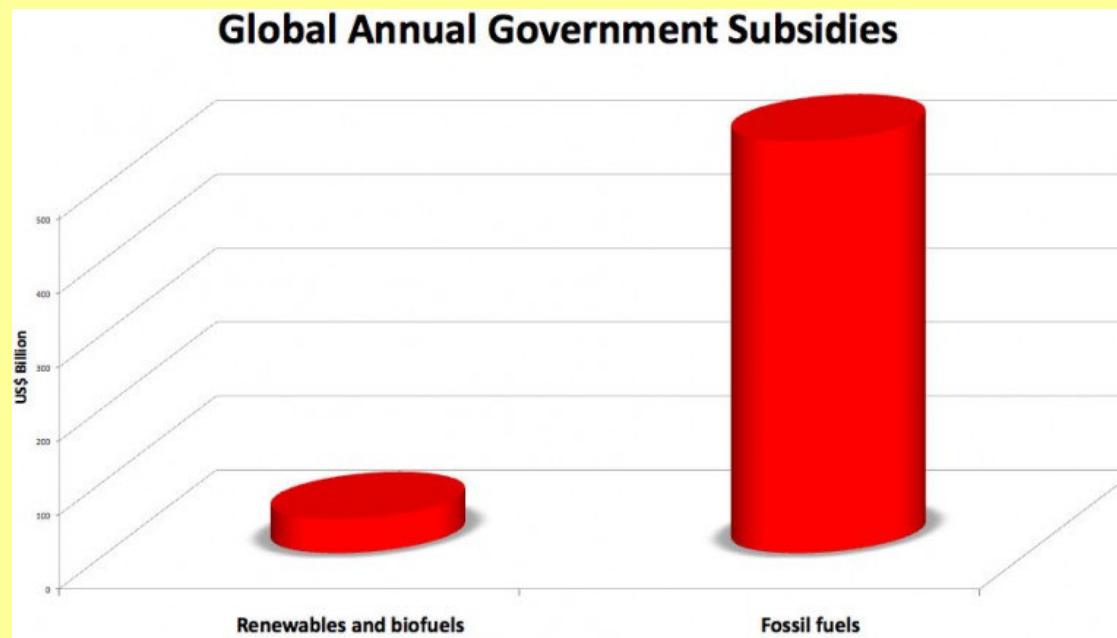


Why Energy Innovation is Lagging

Subsidies for Fossil Fuels Vs Alternatives

Fossil Fuels: \$500 Billion

Alternative Energy: \$50 Billion



As of year 2010

<http://www.gizmag.com/government-subsidies-fossil-fuels-renewables-biofuels/15907/picture/118758/>

<http://www.geni.org/globalenergy/library/technical-articles/generation/policy/mongabay.com/half-a-trillion-spent-on-fossil-fuel/index.shtml>

Energy Research Decline

10 nation study (1999)

Energy research expenditures have declined 39% since 1980.

United States

Energy research expenditures have declined 64% since 1980.

<http://www.princeton.edu/pr/news/99/q3/0729-energy.htm>

Value of Fossil Fuel Reserves

(2011)

Coal – 500 Billion Tons

Oil - 1,200 Billion Barrels

Natural Gas - 6,359 Trillion cubic feet

~ \$ 200 Trillion

<http://www.eia.gov/emeu/international/reserves.html>

<http://www.eia.gov/emeu/international/reserves.html>

http://www.energywatchgroup.org/fileadmin/global/pdf/EWG_Report_Coal_10-07-2007ms.pdf

Energy Source Transitions

1800 – 1900 Wood to Coal

1890 - wood provided half the world's energy.

1900 – 2000 Coal to Oil in the U.S. Market

- 1950 - oil surpasses coal.
- 1958 – natural gas surpasses coal.
- 1965 – oil becomes the primary energy supply.

U.S. Department of Energy Estimates of Total World Oil Reserves

- 1.6 Trillion barrels
- 87+ Million Barrels per day World Wide Usage

Doing the math:
It's a 50 YEAR SUPPLY
(at current population and usage rates)

Actual availability may be longer due to extraction rate and refining capacity limitations

NOTHING LASTS FOREVER

**The next Energy Transition must
happen within
50 years**

FAMOUS QUOTES

Beware of your current Beliefs and accepted Paradigms

- “Flight by machines heavier than air is unpractical and insignificant, if not utterly impossible.”
-- **Simon Newcomb**, Canadian-born American astronomer, **1902**
- “If God had intended that man should fly, he would have given him wings.”
-- Widely attributed to **George W. Melville**, chief engineer of the U.S. Navy, **1900**
- “Atomic energy might be as good as our present-day explosives, but it is unlikely to produce anything very much more dangerous.”
-- **Winston Churchill**, British Prime Minister, **1939**
- “Transmission of documents via telephone wires is possible in principle, but the apparatus required is so expensive that it will never become a practical proposition.”
-- **Dennis Gabor**, British physicist and author of *Inventing the Future*, **1962**
- “While theoretically and technically television may be feasible, commercially and financially I consider it an impossibility, a development of which we need waste little time dreaming.”
-- **Lee DeForest**, American radio pioneer and inventor of the vacuum tube, **1926**

To the critics we say

“No pessimist ever discovered the secret of
the stars or sailed an uncharted land, or
opened a new doorway for the human spirit.”

Helen Keller

Never doubt that a small group of thoughtful,
committed people can change the world.
Indeed, it is the only thing that ever has.

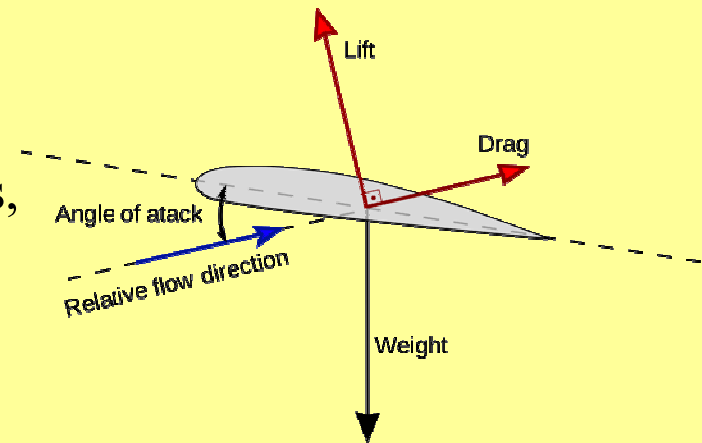
Margaret Meade

- Consider an “Impossible” Invention
 - The Airplane
 - 1903 – The Wright Brothers first flight
 - 1909 – 30 minute flight with passenger
 - 1914 – The first Commercial Airline
 - 1918 - US Mail begins experimenting with Airmail
 - 1927 – Charles Lindberg - the first Trans Atlantic flight
 - 1969 - February 9, Boeing 747 first flight
 - 1969 – July 20, Apollo 11 lands on the Moon
 - **Four years after the first flight, the Wright Brothers were still looking for funding!!**

- Consider “Impossible” Inventions

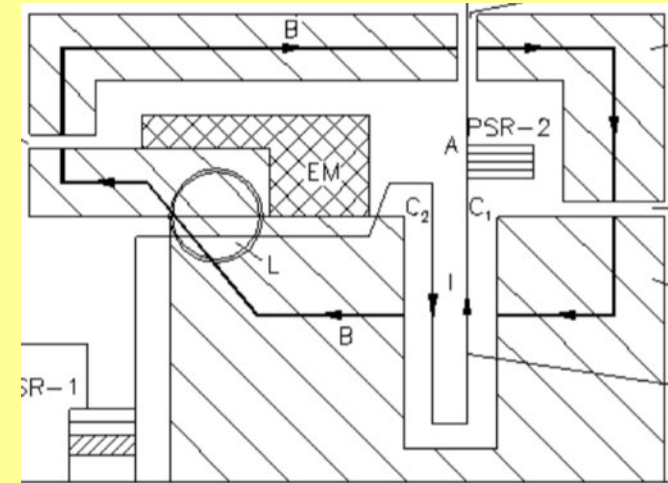
- The Airplane

- The Wright Brothers rearranged materials used for the manufacture of ships, buggies, wagons, and other forms of transportation create a surface with lift.
 - The airplane is born.



Reactionless Generator

- Paramahansa Tewari rearranges materials used in the manufacture of electrical generators to create a magnetic circuit that cancels Lenz’s Law
 - Free energy is born.



The Tewari Reactionless Generator fulfills

Tesla's Prophecy

**Ere many generations pass,
our machinery will be driven by a power
obtainable at any point in the universe.**

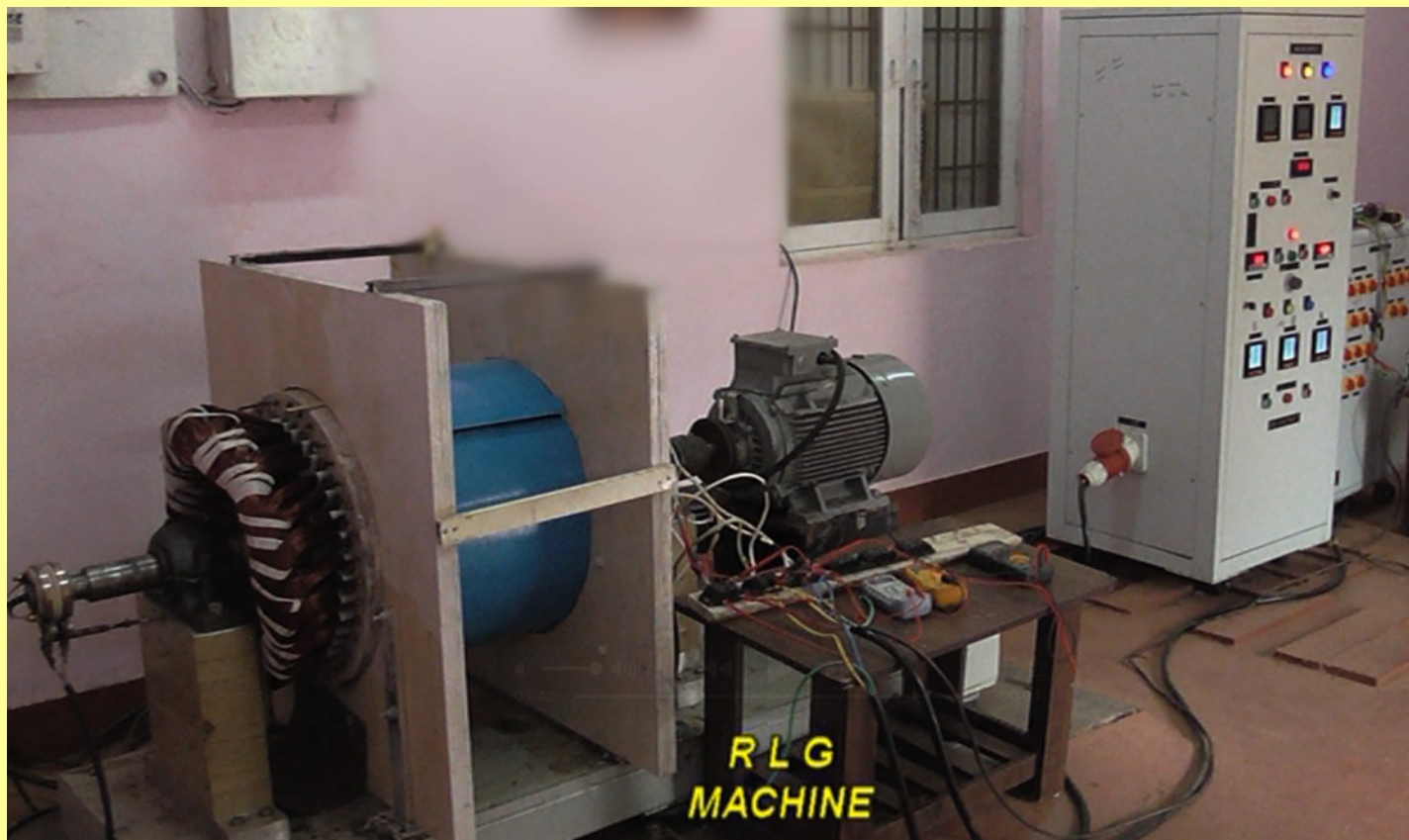
Input to Drive Motor = 1.724 KW

Output = 4.461 KW

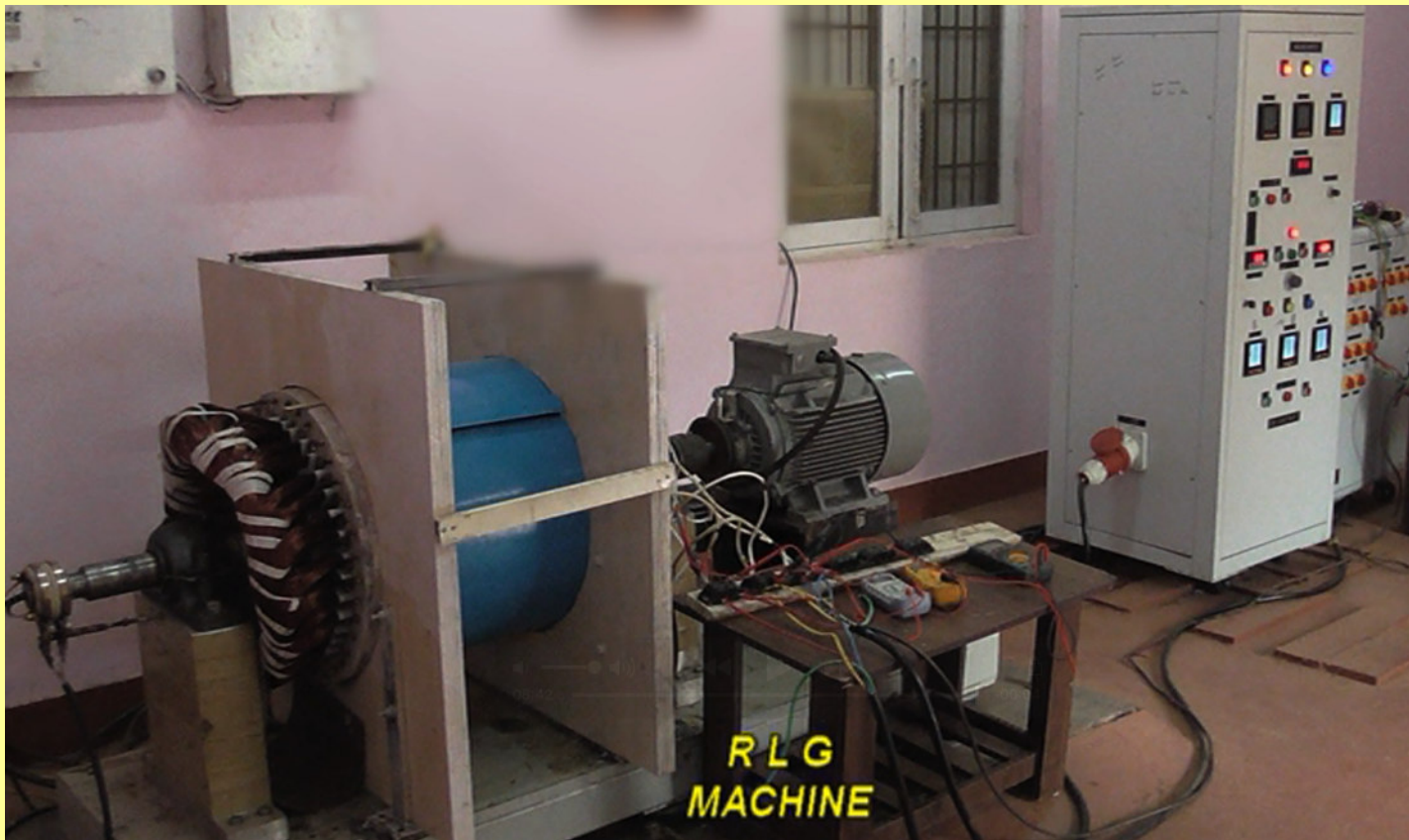
50 Hz, 3 Phase 220 VAC

Efficiency = 2.58

July 9th, 2016

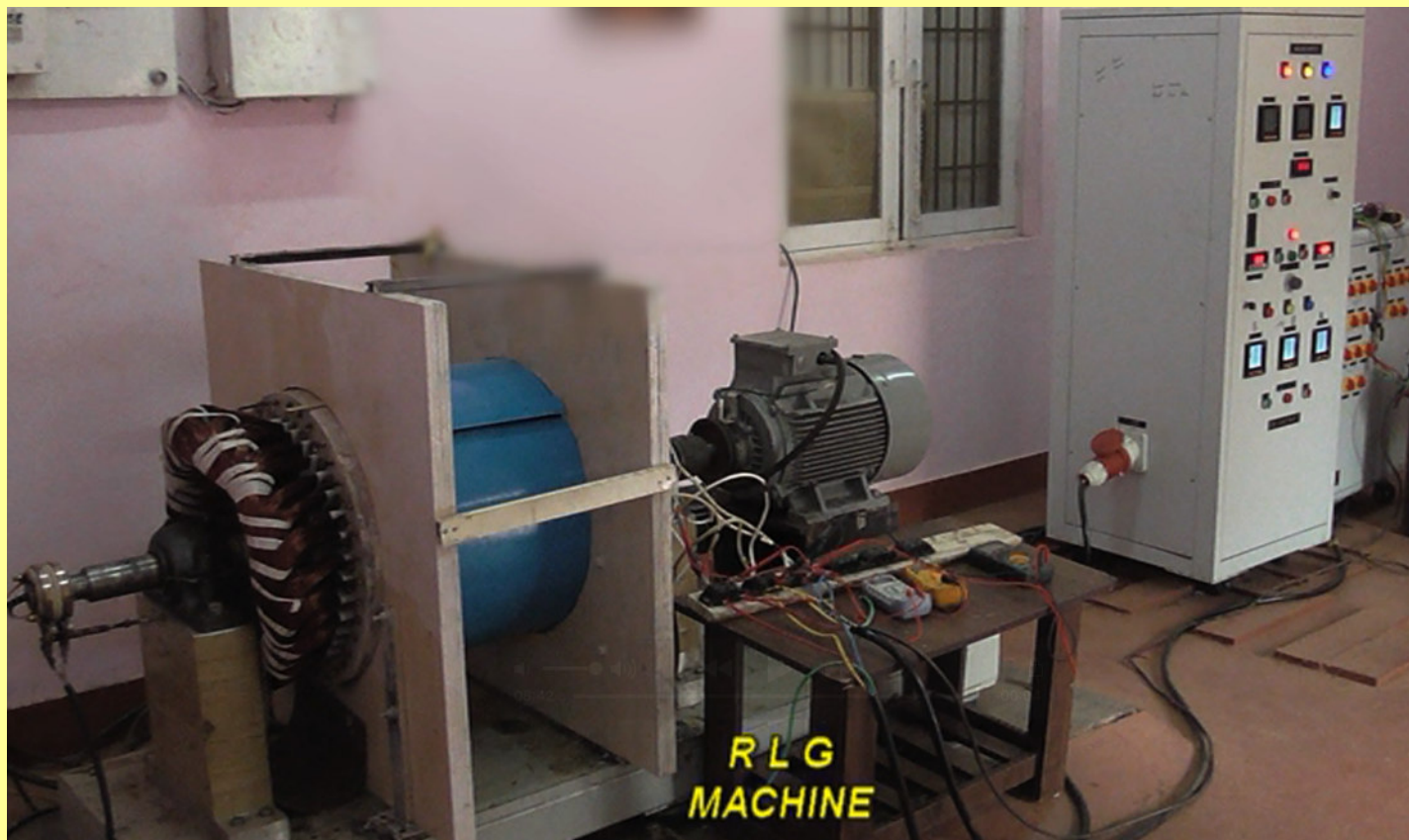


There are two aspects of the invention / discovery: With partial bypassing the Lenz's law, the efficiency has risen to over 200 % in a 6 KVA model. Now the rating of the RLG system has to be raised to 10, 20, 50 KW in stages by designing it for higher magnetic fields in the air gap and armature conductors. A 10 or 20 KW RLG machine is suited to backfeed a part of the output to enable a self-running operation.



Depending on the availability of funds, the next intended step is the development of a self-running 10 or 15 KW RLG model and / or a commercial 50 KW RLG model starting with 250 % efficiency.

Companies which are interested to develop and commercialize the RLG technology may write only to www.tewari.org



Energy conversion technologies invented in the 19th Century

- Steam Turbines
- Wind Turbines
- Electric Generators and Motors
- Fuel Cells
- Photovoltaic

Technology for the 21st Century



Nostradamus

II 46

*Après grâd trouble humain plus grâd
s'appreste,
Le grand moteur les siecles renouvelle*

"After great trouble for humanity, a greater is
prepared

The Great Motor renews the centuries.