

# Design and Implementation of Power Backup Device Using Radiant Energy

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## ABSTRACT

This radiant energy device works with the concept which is directly converting ionized particles generated by Radiant matter (or) Radiant Energy into electrical power. It captures free moving ionised charges in the atmosphere and the opposite charges that got sink inside the ground and then stores the charges either in a capacitor or in some charge storing devices. These charges moving with a velocity exceeding that of light is collected through an antenna. The power thus produced can be utilized for power backups in charge storing batteries and can be linked with solar panel setups for power backup even at night time. The complete principle lies with the concept of Tesla's radiant energy patents. The modification done here is just by directly using the setup connected in series and by using a rectifier the D.C is supplied for charging.

**Key Words:** Radiant matter, ionised charges, antenna, rectifier.

## 1. INTRODUCTION

For a many people "Free energy is a buzz word that has no clear meaning. As such it relates to a host of inventions that do something that is not understood, and is therefore a mystery. For others, it means a perpetual motion" and is therefore dismissed, without due consideration. This paper is dedicated to clarifying exactly what free energy is, how it works and it can be applied in your everyday life. In the simplest sense, FREE ENERGY is any energy that is provided by the Natural World. This may include energy sources that you familiar we are familiar with, such as solar panels or wind generators, but could also include amazing technologies like a car powered by water-fuel, a battery charger powered by Magnets, or a home heating system powered by the Earth. The best FREE ENERGY systems deliver energy at no on-going cost to the user, without detrimental effects to the environment, and at extremely low costs for the maintenance and operation of the equipment

Free energy inventions are devices which can tap a seemingly unlimited supply of energy from the universe, without burning any kind of fuel, creating the perfect solution to the worldwide energy crisis and its associated pollution, degradation, and depletion of the

environment. Most free energy devices probably do not create energy, but rather tap into existing natural energy sources by various forms of induction.

Unlike solar or wind devices, free energy devices need little or no energy storage capacity, because they can tap as much energy as needed when needed. Properly designed, free energy devices do not have any limitations.

Naturally available radiant energy is the power source of the future. Until recently, only a handful of researchers have understood how to tap it. For over hundred years there have been persistent rumours that a number of brilliant inventors had succeeded. **These included Dr. Nikola Tesla, Dr. T. Henry Moray, Edwin Gray, Sr., and more recently, Paul Bauman in Switzerland. Each reported, and showed hundreds of eyewitnesses, a "cold" form of electric power that could be produced with relatively simple equipment.**

This natural energy form can be gathered directly from the environment (mistakenly called "static" electricity) or extracted from ordinary electricity by the method called "fractionation." Radiant Energy can perform the same wonders as ordinary electricity, at less than 1% of the cost. It does not behave exactly like electricity, however,

which has contributed to the scientific community's misunderstanding of it.

**charges in the free atmosphere and then by directly using it as a power backup by connecting it externally to a battery.**

### Objectives

1. To design a device that must be capable of collecting a maximum amount of charge with feasibility.
2. To make it feasible at all weather conditions including day and night.

### 3. MATERIAL AND METHODS

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#### 2.1 Components include:

Antenna

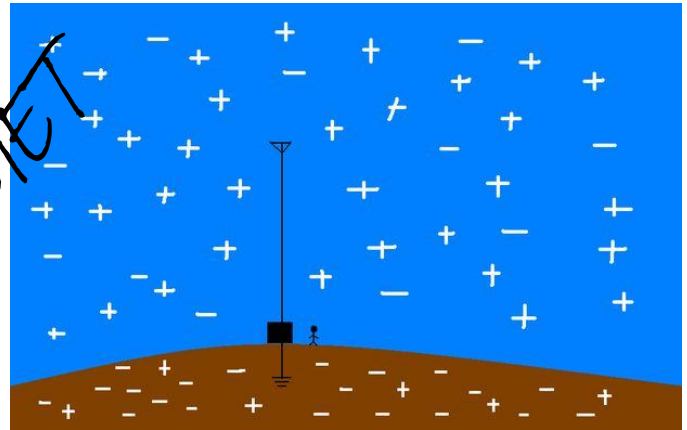
A perfect grounding

**2.1.1. Antenna** - This marks the main component of this device, it taps the static electricity from free air. This must be a perfectly insulated one. In-order to get a higher efficiency, the antenna must be placed at a height more than that of 10 feet. So that, the collection of charge increases with height. The antenna is usually made of some metal sheet which is insulated at a better cost with some insulating material such as glass or some plastic lamination sheet. It is advisable to use aluminium sheet laminated with a glass insulator for better results. This antenna acts as an electrode in collecting positive charges that are present in the free air as static charges. The presence of such a vast amount of positive ions can be dealt clearly with the **\*law of "Physics."**

**2.1.2 A perfect grounding** - A perfect grounding relates to the efficiency of this device in accordance with the collection of vast amount of negative charges that are buried in the ground. The presence of such a vast amount of negative ions can be dealt clearly with the **\*law of "Physics."** More commonly, any metal rod buried to about two feet inside the ground can be used. It is advisable to use copper rod for better results. This grounding acts as an electrode that attracts the negative ions present in the ground which is a vast reservoir of negative electrons.

**The main purpose of this study is to develop a device, unlike the radiant energy device setup coined by Dr. Nikola Tesla in 1901, to tap the**

**\*law of "Physics" - Due to the presence of radiant energy (radiant matter comprising of positive charges) in the atmosphere, according to the law of "Physics", the ground must be charged mostly of opposite charges i.e., negative ions.**



### 3. METHOD OF COLLECTING:

The method of collecting charges lies in the basis of the patent named "Apparatus for utilization of radiant energy" coined by Dr. Nikola Tesla in 1901. His model concluded that, the charge collected can be fed into a capacitor with sufficient amount of charge storing capacity at some recommended farads, which was then discharged by using an oscillator device, oscillating at certain intervals.

The circuit designed by him, can't be used for any real life application, as it charges and discharges for a particular period of time. So, it takes some average amount of time to charge itself and hence it can be only used for oscillating output.

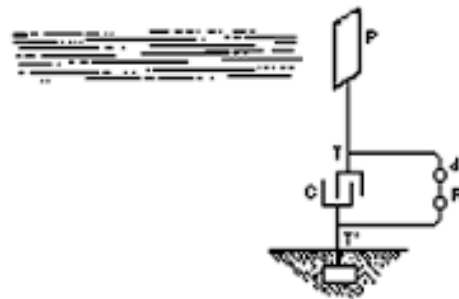


Figure 2.1 Nikola Tesla's Radiant Energy System

As we are in need of a continuous supply of output, the device can be modified as such discussed here.

*Method-1:* Instead of using a single antenna, multiple numbers of antennas can be connected in series and thus the amount of charge collection can be enhanced.

*Method-2:* By using a number of circuits connected in series panel, as that of solar power panels connected linearly, the output can be considerably increased at a particular rate.

*Method-3:* Without the use of capacitors as Tesla used in his invention, here a rectifier can be used to directly convert collected **ac** power into **dc** output. So that these circuits in large number when connected in series, produces a higher rate of voltage.

This voltage can be directly connected to a battery for charging and thus the device acts as a complete power backup with efficiency higher than that of solar panels.

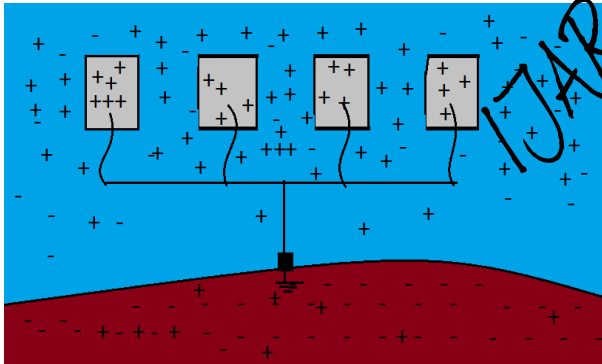


Figure 2.2 Modified Tesla's radiant energy system to get maximum output

## 4. RESULTS AND DISCUSSION

**4.1 Cost:** On average the total cost of solar installation can be between \$15,000 to \$29,000 for average sized systems sized between 4kW and 8kW.<sup>2</sup>

In comparison with the above data, the cost of erecting the radiant energy device for generating the same amount of power is between \$5,000 to \$10,000.

According to Oliver Nichelson, who has made extensive studies of Tesla and free energy machines, the device that, at first, seems to best fit Tesla's claims is found in his patent for an "Apparatus for the Utilization of Radiant Energy" Number 685,957, that was filed for on March 21, 1901 and granted on November 5, 1901.

The concept behind the older technical language is simple -an insulated metal plate is put as high as possible into the air. Another metal plate is put into the ground. A wire is run from the metal plate to one side of a capacitor and a second wire goes from the ground plate to the other side of the capacitor.

The sun, as well as other sources of radiant energy, throw off minute particles of matter positively electrified, which, impinging upon [the upper] plate, communicate continuously an electrical charge to the same. The opposite terminal of the condenser being connected to ground, which may be considered as a vast reservoir of negative electricity, a feeble current flows continuously into the condenser and as much as the particles are charged to a very high potential, this charging of the condenser can continue almost indefinitely, even to the point of rupturing the dielectric.

Today, we would call this device a solar-electric panel. Tesla's invention is very different though, but the closest thing to it in conventional technology is in photovoltaics. One radical difference is that conventional solar-electric panels consist of a substrate coated with crystalline silicon; the latest use amorphous silicon.

Conventional solar panels are expensive, and, whatever the coating, they are manufactured by esoteric processes. But Tesla's solar panel is just a shiny metal plate with a transparent coating of an insulating material.

Tesla's patent tells us that it is very simple to get electric energy. The bigger the area of the insulated plate, the more energy you get. However, this is more than a solar panel because it does not necessarily need sunshine to operate. It also produces power at night.

Of course, this is impossible according to official science. For this reason, you could not get a patent on such an invention today. Tesla's free energy receiver refers to the sun, as well as other sources of radiant energy, like cosmic rays.

That the device works at night is explained in terms of the night time *availability of cosmic rays*. Tesla also refers to the ground as a vast reservoir of negative electricity.

## 5. CONCLUSION

This study provides the alternative method for producing electricity at free of cost and also without indulging man's effort.

This study can be further used to develop a unit to bring out the new era of generating electricity by quietly combining it with along the units of solar panels by making it effective to work even in the night time. This can make the power backup system quiet faster and efficient to charge itself.

Radiant energy systems in their most basic form are relatively cheap to set up, needing just an antenna, some wires and basic capacitors.

Radiant energy offers the most promising research area for man's energy needs. However, it also may well prove to be a damp squib, and those interested in investing must tread carefully to ensure that it does not become a black hole for cash too.

#### ACKNOWLEDGEMENT

This study is fully based on Tesla's patents and to provide an alternative method for developing a device to be used for day to day applications, though Tesla's patents couldn't say.

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