



Sunwolf Method

Micro Parallel Power Generation

A White Paper

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1. Introduction / Background / History

After 40 Years of Technology Experience, 30 of which tinkering with Power Generation Systems in the efforts to find a way to generate lots of Power cheaply and locally so I could Monetize it some way, I always came up short thinking something is missing about it all. The most I could ever come up with was just offsetting my Electric Bill like everyone else. It just never penciled out until I started researching Parallel Generation.

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This is the method Power Utilities use in their Generation Stations and Mobile Generators wired together to make big giant Generators in effect.

Then I noticed something odd...all the Generator Systems use a 1:1 standard ratio, Engine to Generator Head. Every Generator I have seen in over 40 years, from the little ones at Home Depot all the way to massive Generators at Utility Stations. My research lead to that is because when the Electric Grids and Standards we're being laid out by George Westinghouse, that was the mandated Standard for Large Generation and it's been that way since around 1894-95 (130 years) after the World's Fair in Chicago in 1893 and the Battle of Currents (AC/DC) ended and when the Westinghouse was laying out Grids and with Regulations. Thus began the Power Utility Industry in America.

RE: https://en.wikipedia.org/wiki/Electric_power_industry

The Radio/Communications Industry began separately and independently and is all about the Earth's Electromagnetic Field. Thus the Radio and Communications Industry began. Two Industries, one on Power Generation and the other the Electromagnetic Field of the Earth. Separate.

RE: https://en.wikipedia.org/wiki/History_of_radio

Like everyone knows, the gang was Thomas Edison, George Westinghouse, Nicola Tesla (the Visionary) and JP Morgan, the Money guy. This was the beginning of the Power Generation and Distribution Industry jostling where all the standards were laid out by those Industrialists. The 1:1 Large Scale Power Generation and Distribution Method was laid out as a Standard by Westinghouse which really has nothing to do with the Science of the Power of the Earth. Like most people, I thought Faraday was some guy with a "Frankenstein" Cage that fended off Lighting Bolts.

So I went back further to the 1830-40's and started again researching because my Use Case is Crypto Homesteading, I want to run Crypto Miners out in the Rural Country as part of my Homestead. That requires cheap abundant Power.

I was astounded to learn Michael Faraday was a British Scientist under King George IV and in 1821 it was about the end of the Napoleonic Wars and the beginning of the Victorian Era 60 years before Edison and Tesla.

Michael Faraday and his crew built the very first rotating DC Generator of electricity in 1821. In 1831 he defined the Science of Electromagnetism. Both sides of one coin coming from the brain of Michael Faraday. I was reading his papers and I had an epiphany, like a lightning bolt to the brain.

Instead of a "1 to 1" ratio, Engine to Generator standard. I discovered that you can do "1 to Many" ratio, One Engine to Many Generators on a single drive shaft belching out gobs of power very cheap. That was the way to my Decentralized Crypto Homesteading and Living.

This White Paper describes the Power Generation System I call the **Sunwolf Method of Parallel Generation**, "1:Many" Method.

I haven't invented anything new, I believe the method was lost knowledge for about 170 years. When everything America took off, it was two separate Industries. Power

Generation and Radio Communications Industries. This has been tried many times over the last century by Tinkerers like myself but the failure rate is pretty high simply because nobody was thinking about combining Faraday Shielding a certain way on the Power Generation System itself. Disciplines from separate Industries and here we are today.

And here's how it works

2. Abstract / Business Case

My Business Case is Crypto Mining, Generate Power and Feed Crypto Miners popping out Coins. Monetizing Energy. However if your generating gobs of power locally, you could relegate the Power Utility Grid to Back Up, not Primary. This can be applied to Powering Homes, Businesses, Farms, Homesteads, Mountain Cabins, whatever, Generated Locally on site.

I was obsessed it would work. My son said, "I don't think so, nobody does it that way probably for some unforeseen reason technically" but I was convinced it would work.

3. Problem Statement / Introduction

There are two problems that has caused this "1 to Many" Scenario to Fail over the decades.

1. Multiple Generators on a single Drive Shaft in close proximity would cause a bleed over effect of the Electromagnetic fields emanating from each Generator causing the circuit to fail or just not work.
2. The Generators were typically mix matching Generators with different output elements in Phasing, Frequencies, Volts, Amps, etc. The Generators have to be Synchronized to function as a whole.

These have been the hurdles for over 100 years because the elements are two different Industries. You can easily Parallel Batteries in to large Battery Bank and Parallel Induction Motors in Manufacturing processing but when it comes to Parallel Generation, there is a very large amount of Electromagnetism emanating from each of the Generators when they spin. You can test this, just get an EMF Detector from Amazon, start your car, pop the hood and point it at your Alternator and you'll seen what I mean. A Generator outputs DC Power, an Alternator is the same thing but outputs AC Power. They both emanate Electromagnetic fields.

4. Proposed Solution(s)

a. Introduction of Solution

The solutions are Faraday Shielding and using Identical Generators in every way to achieve Natural Synchronization automatically and shielding each Generator in a Faraday “Envelop” isolating it's Electromagnetic emanations.

b. Application of Solution

Two key Elements:

- 1. Each Generator needs a Faraday Envelop to isolate the Electromagnetic Field and dissipate the Energy and prevent the Bleed Over effect that fails the circuit.**
- 2. Identical Generators Synchronize naturally and they remember.**

I have a working DC Model on my work table I built so I could just prove to myself it works and it works beautifully, just purrs right along generating gobs of power. 4 Generators working as one.

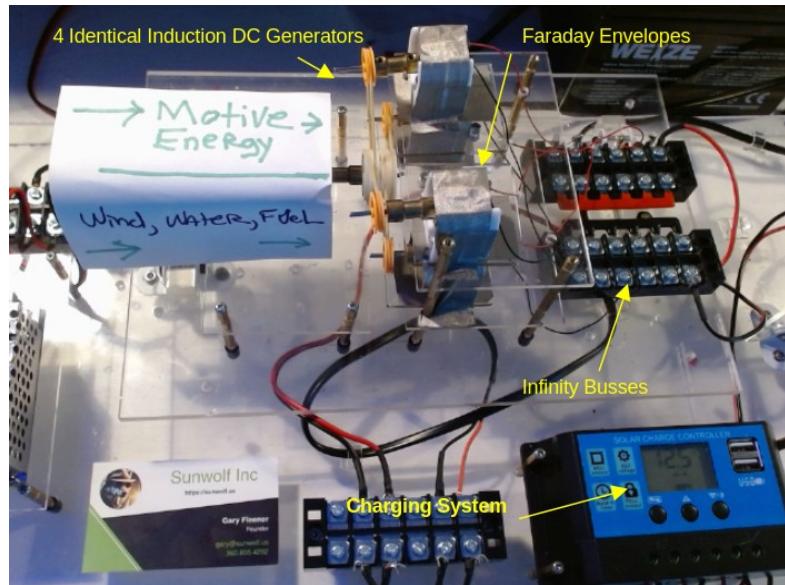
If you can swap out an Alternator in your car, you can build one of these and it doesn't cost much in already available components out there. The Generators look like car Alternators.

5. Future Direction / Long-Term Focus

This is all so common but an AH HA!! moment for most people. “So THAT's how it's done!!” People will be building these systems like crazy on their own I suspect and the DIY and Crypto Mining world will take off big with these systems. My next Build is 8 KW system, a 10 HP Engine spinning 4-2KW Generators, one drive shaft. After that a 16KW system with 8 Generators on a single Shaft. These Models will start my array of Subscriber Channels teaching “How To's” to build these Power Systems in their Garages for Home, Business, Homestead, Farms and Ranches. It is a Fixed Power Generation System that, after AC Inversion, you hook up to the Power Grid through Net Metering, like Solar and Small Wind for Crediting your Generations. Or however you wish to utilize Energy. I think of it as “**Monetizing Energy**”.

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This is the “Hokey” DC Model I built first to prove the Method works to myself. I was delighted it fired right up. It took about 10 seconds to Synchronize the first time and kick in. Then it remembers and fires up when I start it. In this picture it is charging a battery and buzzing a fan. I used Parts from STEM kits for kids and some Solar Components. The Method can work as long as the two Criteria are followed. You will be balancing Horsepower of the Engine with the number of Generators that can be pushed.



6. Results / Conclusion

Results: IT WORKS!! Each of those Induction generators output 12v and .25 Amp. Aggregate output is 12v 1amp.

Conclusion: I just want it be known as “**The Sunwolf Method**” of **DC Parallel Power Generation**. I’m not in the Generator Business or the Selling Power Business. I’m in the Crypto Homesteading Business, Decentralized Living.

Author: Gerald Fleenor

Sunwolf Inc

<https://sunwolf.us>

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