

The GAP Generator with no moving parts
Manufacturing

I imagine six divisions.

1. Magnet Division:

Would produce the magnets which are made by powder metal process.

2. Coil Division:

Would manufacture coils required and purchase the wire. The core could be made from powder metal also.

1 and 2 above could be eliminated which would greatly reduce the cost of manufacturing.

3. Electronics Division:

Would design and manufacture all electronics, electrical, etc. Contract a reliable company to develop all required or hire a reliable engineer. His job would be:

*1. Make a battery charger controller with solid state controls to monitor and turn on and off when needed. **The GAP Generator** has to be under load.*

*2. Develop **The GAP Generator** using hydrogen produced by electrolysis, which would use electricity produced by **The GAP Generator**. This would **eliminate the need for batteries**.*

4. Containment Division:

Would design and manufacture plates for mounting the relays, electronics, etc. Would also manufacture a neat box to contain all devices. Plastic or fiber as much as possible.

5. Battery Division.

Would manufacture the deep cell or lithium ion batteries required. I suggest a flow battery which is an old technology. They last for twenty years.

6. Assembly Division:

Do all final assembly and testing.

All divisions would be at same location.

Estimated cost:

I estimate approximately \$100,000.00 in more engineering work. Mostly for electronics and upgrading to hydrogen. Except for flow batteries, batteries are very expensive and have short lives.

The remaining **four** items listed above could all be done in a fifty thousand square foot building. Maybe less. Just depends how the business grows. I think a total investment of two or three million dollars for property and machinery would be a good estimate.

I have spent my entire adult life in the industrial manufacturing business and had a fifty six thousand square foot building. I have designed and built lots of different types of industrial manufacturing machinery and produced parts for the automotive industry, nuclear industry, appliance industry, refrigeration compressor industry, military, and several more. So, I am **NOT** just some fly by night, crazy thinker who dreams up stuff that doesn't work. **Oh, by the way**, in my last 25 plus years of business I used hydrogen, which I extracted from other materials. Hydrogen is the cleanest and most abundant element in the universe. Electricity can be stored in it. Using a hydrogen fuel cell, the hydrogen can be converted back into electricity. ***The only waste or pollution is pure drinking water.***

Anyone with financial capabilities that would like to start a business producing **The GAP Generator** should contact me. I live in Abingdon, Virginia just off Interstate 81 at exit 19. My phone number is 276-608-8210. Thank you very much for taking the time to review all this information.

Art Porter

