

Welcome ladies and gentlemen!

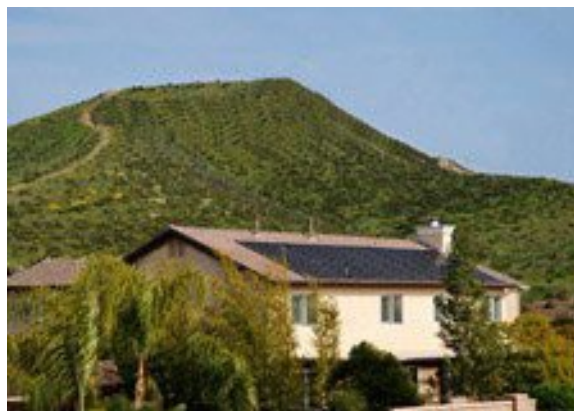
The cost of hydro and gas keeps going up for your home and car, and there seems to be no end in sight. So, what do we do to offset these costs - better insulation, better windows and doors, change to more efficient light bulbs, etc. The upgrade cost concerning insulation and doors and windows is not cheap and takes time to recoup those costs, and the hydro and gas rates seem to be climbing faster than those costs. Should we be looking at wood, coal and other alternatives (like solar). Is there some silver lining on the horizon that will give us the public, consumer and/or taxpayer a break for a change? The answer is yes, and I will explain the idea.

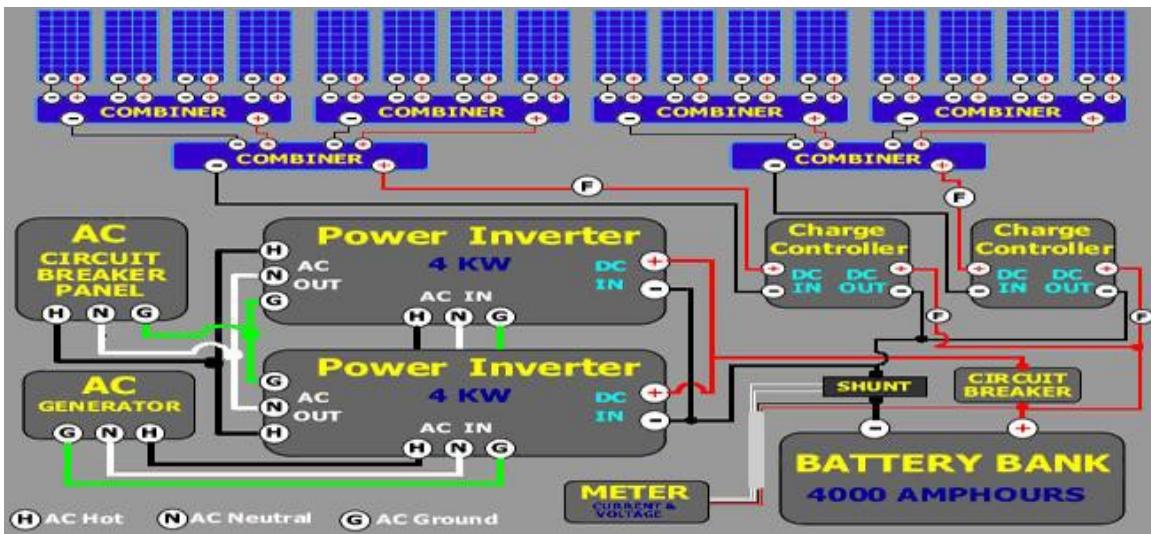
As you know the idea of a solar panel system for a house has been around for some time and yes, has gotten better and more efficient with the invention and design of newer technology, however, the cost of the solar panels and battery banks(2) make the overall cost quite expensive for the average homeowner and would take time to recoup the costs of the initial investment, if at all. So, what if I told you I am working on a better alternative to the solar panel system design.

You would still need all the components for a solar panel system design, except you would not need the 2 most expensive parts – the solar panels and the batteries for backup (you may need 2 batteries). The idea is quite simple, really, you would be taking radio or TV waves from the air and converting them into electricity for your home. Huh? Yes, using an antenna and an electric circuit to capture the radio and TV wave and turning it into electricity. This idea was invented by Nicolas Tesla (Russian Scientist) about 100 years ago, but could not be really utilized because at that time electronics or electrical circuits was not invented at the time.

The antenna on the roof picks up the radio or TV waves goes through the circuit to an inverter to create AC power from DC voltage at 12 volts, 2 circuits for 24 volts and 4 circuits for 48 volts which is the 3 flavours of sine wave inverters on the market. The beauty of this system is the circuits are inside the house protected, do not need sunlight, work day or night, 24/7, in any kind of weather, rain or snow, you get the idea. If the circuit does fail, it would be replaced like changing a fuse in an electrical panel, picture a computer card remove, replace and return to the manufacturer to be repaired. The whole concept of this design is about getting rid of our ridiculous amount of residual waste with respect to Mother Nature, and I think this concept really embraces that idea. Like the Region of Waterloo embraces the 3 Rs – reduce, reuse and recycle which is really what this product is about.

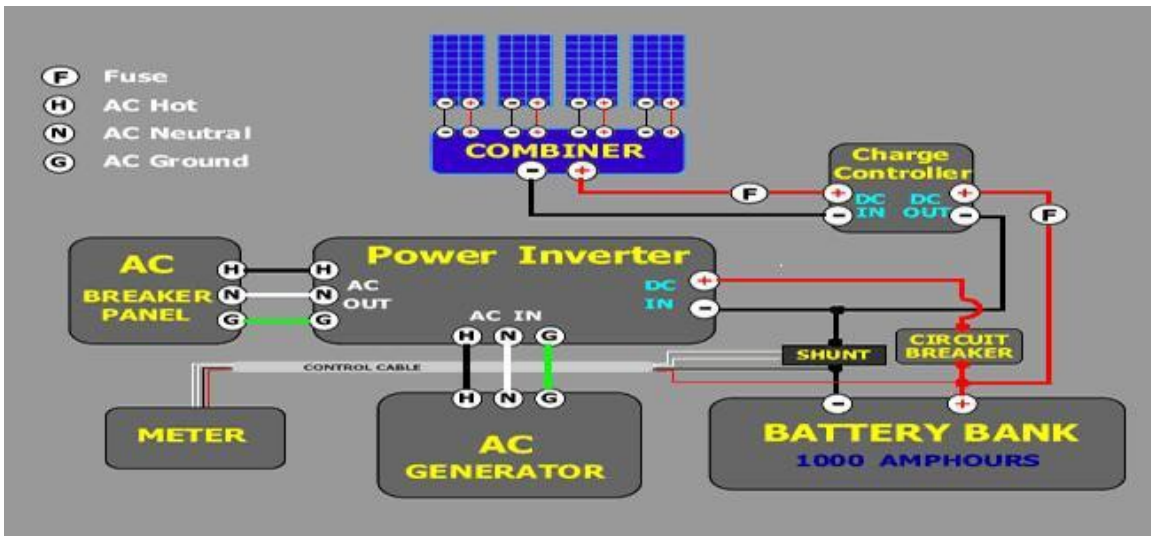
Grid-tie system (typical solar house)





This is your typical solar power system for a 2.4 Kw layout, which is a house that does not have electric heat like mine. So, in my case I would need double of everything to accommodate my needs of electric heat, and yes it would be very expensive. Most consultants in the solar industry will tell you it is not worth the cost. Also, I would need 30 – 36 solar panels (540 – 650 sq. ft. of roof area) for my needs and would have solar panels covering the entire roof area and since, I have two roofs where one is not facing the right way, it does pose a problem.

Grid-tie system (modified for those with electric heat)



This is your typical solar power system for a simple cottage layout and no electric heat like mine, but it does help to illustrate my point. The four solar panels would represent four (4) electronic circuits (3" x 6") taking up a combined space of 2 sq. ft. (no not a misprint) which can be mounted inside for protection from the weather and would provide 48 volts DC power (24/7, day or night and any weather) directly to the charge controller (no combiner required) and a battery bank of 2 batteries would be needed for backup purposes only, if you really need it. However, this simplified system is all you would need to power your entire house, including electric heating like mine.

There you have it folks, the concept and idea of Green Technology where we start to repair all the damage we have done to Mother Nature and our great planet, I just hope it is not too late. I dedicate my ideas, efforts and purpose to my daughter who is my inspiration, and to all the other kids that I have met and talked too, who have asked or said to me, that there has to be a better way than what we are doing now.

Wishing everyone a great day and yes, the best ideas for the future are still around the corner. Other ideas I am working on are the fuelless heater (not the one splashed on the internet – that one does not work) for those that are using natural gas to heat their home and ultimately a car that runs on regular tap water or some form of hydrogen gas for fuel. Any questions, I can be reached at rgehrke@sympatico.ca

Also, this company will be dedicated to the sponsorship of an individual or new business related to Green Technology every year.



So, what am I looking for is support in the way of a donation to this cause to keep it going and alive. There is only so much money I can put to this project. If you would like to make a donation to the cause, it can be sent via PayPal to rgehrke@sympatico.ca or if you do not wish to make a donation, but are interested in the project, I can be reached at the same email address.

Thanks,
Ralph Gehrke