Think About Going Energy Independent by Mark D

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When it comes to avoiding energy scarcity or to become energy independent, setting up an alternate source of energy for homes like wind turbines, solar power collection cells, hydrogen fuel cells and biomass gases is very important. The current scenario of increased energy usage in our day-to-day life has given out its first alert on the urgency towards concentrating on becoming more energy independent and to stop relying upon the supply of fossil fuels from unstable countries that are often hostile to us and to our interests. Recently I happened to watch a show aired on discovery channel on my Dish TV which was focusing on the need to reach â€œOFF THE GRIDâ€• status for every individual so that we donâ€™t have to be more reliant on the government-lobbying giant oil corporation. In all aspects these corporations are never involved in any of the covert conspiracy but then too they have a stranglehold over the people when it comes to heating their homes. Apart from direct oil supplies, they do have a additional hold over common people from grid-driven electricity.

Undoubtedly the growth of distributed energy generation will lead to restructuring the retail electricity market and the generation, transmission and distribution infrastructure. The power providers at present may soon have to diversify their business into other methods to make up for the revenues lost through household micro energy generation. Research reports and studies mentions that there is a steady growth in the trend towards seeking alternative energy sources in households across United States.

This trend is being driven by ever-more government recommendation and sometimes backing of alternative energy research and development, the rising cost of oil and other fossil fuels, concern about environmental degradation, and the individual interests to become energy independent. The report further concludes that, assuming traditional energy prices remain at their current level or rise, micro energy generation to meet all of home's energy needs by installing alternative energy technology such as solar panels or wind turbines will become a default home energy supply like the Internet that had became a default home communications and data gathering source. Eventually this will have deep effects on the businesses and revenues of the existing energy supply companies.

Various analysis and expert ideas on this topic shows that energy supplying companies themselves have jumped in on the game and seek to leverage micro energy generation to their own advantage to create a new market for them or to sustain in the race of energy supplies. Most of the electricity companies are on other hand focusing on developing geothermal energy facilities since these companies see geothermal energy production as a highly profitable domain of the future.

Saving the energy used by the grid supply can also help us in our initial stages towards obtaining energy independence. For example using the solar energy to heat water is an efficient technology that will reduce the cost of water heating and the grid power usage even if it quite expensive to install. However, solar power is not yet a most economical method for corporations or hotels for heating water, since they require too much in the way of specialized plumbing to implement solar energy hot water heating.

When coming to next source to generate power, wind turbines is the most preferred choice. Experts on their reports insist us on installing wind turbines which is an efficient way of reducing home electricity costs, while also being more independent. However, again this is initially a very expensive thing to have installed, and companies would do well to begin slashing their prices on these devices or they could find themselves losing market share. Another rapidly developing technology is the energy derived from burning or processing biomass. Though this cannot be considered at all areas, farm houses that have good number of domestic animals can look into setting up a biomass to

energy plants in their premises to generate power for their day-to-day lighting.

In conclusion, there are so many other ways that exists here to generate power from nature. One should make all researches on internet or speak to an expert in their locality to find the best method to generate power that fits their area or climate. Going independent in power will help us stay in light always without worrying about the increasing power costs. Merry Christmas

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Being a freelancer I keep blogging and writing on various topics. Recently I worked on installing a solar cell in my home to make my water-heating task, some bulbs and a Dish TV independent on grid power.

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