Electricity generating skill to Rural Population:

Please find enclosed the write up. Electricity is most usable form of marketable energy. Imparting skill to generate electricity and supplying the same to the grid to the rural population shall immediately impart millions of megawatts of electric energy in our grids for Industrial end users. It shall generate measured wealth to the rural population and give their produce a direct industrial market access

CREATING MARKET ACCESS FOR RURAL ANIMAL BASED GREEN POWER GENERATION

The Idea is to connect organized efforts of rural population with well-developed cities by generating electricity in rural areas by using animal power to run generators. The electric power so generated shall go into the grid and the farmers shall be paid the tariff. The power generated in the remotest of villages shall be carried in milliseconds to megacities and industries hungry of electric power.

IDEA OBJECTIVES:

(1) Creation of rural employment by installing energy harvesting farms.
(2) Subsidies and support available from government schemes for green energy.
(3) End users shall gain carbon credits.
(4) End users may claim CSR benefits as the very act of using green power from rural areas shall be taken as fulfilling the corporate social responsibility.
(5) The farm by products can be used as packaged gobar gas to be sold as cooking fuel, organic manure etc. when harvesting is taken up in large scale. This is in addition to the milk and milk products which shall form core farm produce in addition to electric energy.
(6) This project shall elongate the economic life of cattle and they can lead a longer life.
(7) The final and biggest objective is providing the energy market access to the rural population which shall enrich the large and so far isolated population group.

PROBLEM STATEMENT:

More than 70% of the Indian population resides in villages and potential of generating services from rural areas is very high. However it is not a simple issue as producing economically worthwhile services from the rural population requires huge migration issues with consequent problems. One method is to develop production centres in villages but this also requires dedicated management teams to be stationed in remote villages in addition to bulk transportation needs for distribution of raw material and finished goods.
The problem is to create a rural economy based on services which have easy marketability and brings the markets at the doorsteps of the rural population rather than forcing the population to move to cities for earning livelihood.

SELECTION OF MARKETABLE SERVICE/PRODUCE:

We adopt electric power as marketable service/produce.

STORAGE:

Storage cost shall be avoided as the generated electricity shall go in the regional/national grid which is already having a huge energy deficit.

TRANSPORTATION:

Construction and maintenance of distribution grid. This should be part funded by the government as regional development and part by the generating and marketing company.

TECHNOLOGY:

Electricity generator mounted on ground with vertical axis of rotor. The rotor wheel is turned by a pair or four nos bullock/donkeys/mules etc attached to the spokes coming out of the vertical axis of the rotor wheel of the generator.

ECONOMY:

The bullock owner shall be paid by the company the tariff for generating the electricity based on the power units ie. Kilowatt hours generated by bullock owner.

In bulk farming, milk, milk products shall be core produce in addition to the electric power generation. Gobar gas can be packaged in cylinders and sold as cooking gas as an alternative to LPG. Manure is also a by-product which has a market/economic worth.

STATEMENT OF HYPOTHETICAL CASE STUDY:

Ram is a tribal boy living in remote village. He is 18 years old and wants to earn a livelihood. He is told that if he wants to earn a livelihood he shall have to go to a city and take up an odd job. He finds going to city, staying there without any relative and coming back a daunting task and he avoids going to the city. He would rather go with a labour contractor as in that he is in safe company of his fellow boys. But in this case he has to pay a hefty sum from his salary to the labour contractor and his living condition in the city is also bad.

He is told that a company has set up an energy farm where he can use his bullock, donkey etc for moving a generator arm. In return he gets paid directly in his bank account proportionate to the meter reading of the electricity generated by him. He is told that if he works for a year he can get an electric line extended to his home and he can continue to generate electricity from the comfort of his backyard. A part of electricity he would use for home use and the rest shall continue to earn him money.
With wealth slowly accumulating he becomes an active consumer of dish TV, Fridge, fans and tube lights. He has now a better future and a new life. He is now an active contributor to the National wealth.

Creating a new form of economic integration is the purpose behind this IDEA.