

**Who we are-** we are the renewable energy group initiative of Dr.& Er. S.P.Sharma, Ex-General Manager(adl.) NTPC Ltd. He is an IITian of Roorkee, B.E.(Mech.), MBA, having 38 yrs of experience in power plant design, erection, O&M, contracting & material Management.

The Harihar Energy group is guided by Chairman Er.S.P.Sharma and Operations handled by Er.Parth Sharma, B.Tech(IT) and Scientist Mrs. Prabha Sharma, MSc, MEd.

## Our Products:

### Hygiene Product Category

**DRYON-** sanitary pads in three sizes

Anion 320mm with absorbing capacity 200ml  
 Drynet 280mm with absorbing capacity 100ml  
 Regular 240mm with absorbing capacity 60ml  
 Pl contact us for your bulk demand and prices.



### Health Products:

**HariAirFresh-** An Air purifier for polluted cities. It absorbs all polluting gases, HCHO, TVOCs & particulate matter to keep PM2.5 in healthy limits. One HariAirFresh is sufficient for a hall of 500 sqft area with air flow rate of 16 CFM. It consumes only 15 Watts and can be run directly on 12VDC solar/ battery and with 220V AC using 12V 2Amps adopter. It works on the principle of pressurised air with water washing and filtration technology, a natural purification method and does not produce any harmful ozone gas. Ex Factory price is Rs.4995/-. Pl contact for more details and on-line orders. The outer look can be changed as per approved color-design.



**Solar Air Cooler/ Smog Tower-**We have developed Solar Air Cooler cum Smog Tower, which can be run directly with Solar/ Battery 12V DC 65W. The equipment is also available for 220 V AC Mains. This equipment can be used to cool air in a small house. With little change it can be converted to purify air from smog by dissolving air impurities. Ex- factory price is Rs.4,000/- Pl contact us for more details and online orders.



## Home Cooking

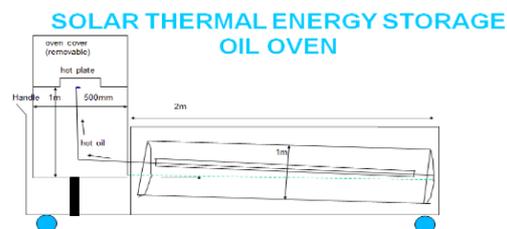
**HariHomeBioGas-** A home biodegradable waste recycler has been developed. Please don't throw your solid waste outside, put it in the HariHomeBioGas recycler. It will give one hour gas cooking by processing your 5 Kg waste per day. In addition, you will get fertilizer for your kitchen garden.



**Universal Biogas Plants-** These plants are specially designed & developed as per need of the client. We provide turnkey solutions for processing biodegradable waste to produce organic fertiliser and bio-methane which can be used for heating as well as power generation. Bio-methane can also be filled in cylinders and used as CNG or PNG. These systems are good for dairy farms, restaurants, hotels and farmers. The cost of biogas system comes out to be around Rs.10,000/- for a 10Kg per day of biomass, Rs.40,000/- for 50Kg /day. The biomass shredder may be required for higher capacity biogas plants to pulverise biomass to 10mm size. Higher scale biogas/ bio-methanation process plants may also be designed for Dairy plants. Cost shall be worked out on case to case basis. Pl contact us for your requirement.



**HariSolarOven-** A Device to store solar energy directly in Heat form. It uses high boiling temperature synthetic oil to store heat. The heat transfer is done by using tar in the Concentrated solar thermal system. The system is under development.



## Building Construction

**HariHollowBlocks-** We manufacture hollow concrete blocks of sizes 9"x9"x9" for fast construction of columns 9"x9", no waiting required for curing, The blocks, replaces 6 bricks, can also be used for making boundary walls faster, stronger and cheapest. We also manufacture hollow concrete blocks of size 6"x9"x9" for wall construction fast replaces 4 bricks, so construction activity gets fast by 4 times. The wall strength is also very high and earthquake proof by interlocking with each-



other. It makes house cheaper by 30% by way of saving labour and accessories. The 9" columns can be fast completed by using precast hollow blocks and putting reinforcement, then filling with concrete. No waiting time is required for curing the columns. Similarly, house walls and boundary walls can be made faster and strong with savings on construction cost and air-conditioning load is also reduced by 50%. We can make these bricks as per client requirement and at site to reduce cost of transportation. We shall charge based on quantity produced as per agreed rates.



## Our Services:

We are providing services in renewable sector mainly in the following areas. We are devising renewable systems to provide at cheapest cost to our clients by using most of locally available materials. As of today, solar energy cost works out to be around Rs.2/- per unit to the user of roof top solar power.

**Solar Roof top systems-** We provide solar roof top solutions by designing the cheapest and best equipment and also train the users for proper upkeep. We also undertake Operation & Maintenance of solar systems. Pl contact us for our best rates. We provide On-Grid and Off-Grid solar systems with best and cheapest designs.



**Solar Cold Storage-** We design and erect solar cold storage systems in remote areas for preserving agriculture produce before it is sold in market. We have our own running plant in Distt. Bulandshahr, UP



**River Water Development Projects-** We undertake river water development for enhancing water storage capacity along the length of river and utilise the river space for commercial gains. Thus we can increase employment at a large scale all over the country. The system utilizes Rubber Water Dams which is cheaper and long life of 30 years as compared to concrete check dams. These dams keep the water holding capacity intact over its life due to variable height based on inside water pressure.



## Electric Mobility

Electric mobility is the future of the country. We are channel partner for electric scooty, developed in India by M/s DETEL. The entry level 2-wheeler is completely manufactured in India. It will run for 50 KMs on one charge. People can directly book on line and also can take direct delivery against payment. There is no need for any registration, no driving license is required. We recommend wearing helmet for the driver's own safety. The payload is 90 Kg.



We are also developing a cheapest SEJANTA car which can be run on solar electric. We are seeking to collaborate with investors for this development.

## Lightning Energy/ Preventive lightning balloons

We have been able to identify the method to capture free air charge which results on fatal lightning. This energy charge can be collected in the form of Hydrogen and also simultaneously preventing lightning disasters, such as human casualties and forest fires. We seek Govt. support for developing this technology. Please contact for details.



## Research and Development

We believe in continuous research and development to venture in to renewable energy sources. We are aspiring to collaborate with National and International organisation for conducting researches on contract.

Presently we are engaged in the R&D in the following fields:

- a. CO2 Fuel cell to produce Hydrogen and electricity at the same time.
- b. Bladeless wind turbine, a new device to harness wind energy without killing innocent birds. There is lot of scope for small wind turbines in Himalayan regions and coastal areas of India. Wind turbines can also be used to produce compressed air directly as an energy storage.
- c. Small hydro turbines such as vertex, screw and linear hydro engines to produce compressed air which can be used for producing power.
- d. Animal Power to compressed air energy.
- e. New possibilities in the agriculture by having multi-cropping at the same time and preserving the produce by making processed foods like ready mix khir, Goat milk powder etc.

## Self-employment Training

We are also training youths to start their own earning businesses. Every individual has a potential to develop skills for self-earning. They are trained to produce various equipment required by general public. The individuals are being trained in electric/ gas welding, plumbing, carpentry etc. They are also being trained for making of various equipment and repair, as we are producing in our premises.

## Opportunities for self-employment

1. Solar Roof Top system installation
2. Solar Electric welding system
3. Home biogas assembling
4. Bio methanation system
5. Sanitary pads distribution
6. Hollow blocks making
7. Solar Oven selling

## Collaborations

We aspire for collaborations with the organisations for carrying out Corporate Social Responsibilities (CSR) activities for benefit to general public. We can conduct activities in villages and remote areas as per the requirements of the companies.

We have few products which can be used for Swachh Bharat Abhiyan and self-help groups for generating self-employment.

We are also open for working as liaising office for companies which are interested for opening an office in NCR area. We have our factory in Greater Noida and also an office area. We can liaison in areas specially related to renewable energy.

Please contact Us for further details:

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