



Highlights of 2016

DESI Power has continued to operate its biomass gasification, solar PV and hybrid power plants in 14 villages in Araria district and supplies power to households, shops and enterprises through its Micro Grids and irrigation water to farmers from distributed pumps. In 2016, it has introduced new projects to extend its power services to smaller farmers and under-serviced villagers. It has also expanded the scope of its services to provide clean smokeless cooking fuels and run a Centre for improving village hygiene.

1. AC Tiny Grids:

40 units of 1.2 kWp each were installed and are running successfully in 27 Villages covering 275 people.



2. Clean Cooking Business Unit (CCBU):

A comprehensive program has been started to popularize smokeless and efficient cooking in households, restaurants and hotels and to provide clean CO₂-free fuel to other industries. A pellet production facility has been commissioned and biomass pellets are being test marketed in villages for energy efficient stoves, in towns for large coal-burning ovens and in brick kilns.



3. **DESI MANTRA Training Centre:**

A Computer Training Program has been started at DESI_MANTRA where the first batch of trainees is taking a course on basic computer literacy. DESI MANTRA has been registered to start a vehicle-driving training program which is currently not available in Araria district.



4. **Community Latrines and Biogas Plant:**

*A pilot project has been started at **DESI Gaon Safai Centre (DGSC)** in Baharbari to provide latrines and bathroom facilities for women and men. A biogas plant using cow dung, water hyacinth and other green biomass is being built now. A second biogas plant using night soil from the latrines is being designed and will also be installed at the Centre. DGSC will serve the goals of the National Swachchha Bharat Mission and at the same time provide clean cooking gas and organic fertilizer for farmers.*



(DGSC Under Construction)

Events, Meetings & News

1. *Our Chairman Dr. H. N. Sharan visited Patna and interacted with various members and dignitaries of CII, NABARD & BREDA. He also visited IIT- Patna, Bihta campus, where he interacted with and addressed various students and faculty members. A technology and training partnership between IIT-Patna & DESI Power is being negotiated.*



2. *A team of Oorja Solutions, a village development start-up, visited Araria and a MoU has been signed on cooperation between DESI Power & Oorja Solutions. DESI Power is sharing its experience of village development, technologies and project development with Oorja for their pilot project in Eastern UP.*
3. *A MoU has been signed between DESI Power & ennos gmbh, a Swiss company, for testing their sunlight DC pumps at various sites. 5 pumps are currently under testing.*
4. *A MoU was signed between Fichtner India & DESI Power Foundation (DPF) for building 10 Tiny Grids.*
5. *DESI MANTRA, the training and capacity building Centre of DESI Power Foundation has become a member of Skill Council for Green Jobs, New Delhi and is exploring the expansion of its training services with their help. DESI MANTRA is also being registered with Bihar Skill Development Mission.*

WISHING YOU A HAPPY AND SUCCESSFUL 2017

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(A solar PV rooftop system runs DESI Power's head office in Araria)