



Micro/Mini Grids Case Study

E-Hands Energy (India) Pvt. Ltd.

Micro/Mini Grids Social Impact

- Creating awareness about Solar to nearly 1 million people
- Solar mini grid providing basic lighting, mobile charging to houses
- Improved conditions for study at school for nearly 200 students
- Access to basic sanitation for 1000+ people in the village
- Safety and improved living conditions for women
- The Grid is generating electricity on regular basis and being distributed to the households covered in the tribal hamlet.
- Availability of light is helping women cook and do their daily chores in the night with more comfort and ease.
- Installed Capacity of Solar and Wind : Over 20KWp
- Reducing the burden on Nation's grid power

Details of the Clean Energy deployment



Year	RE Tech.	Location	No. of Sites	Total Installed Capacity
2012	Wind + Solar	SVTF, Basti, Uttar Pradesh	1	1.5KWp
2015	Solar	Kalap Trust, Uttarakhand	1	1KWp
2015	Solar	Henkel – Maharashtra	3	12.5KWp
2015	Solar	Murgappa Group of School	1	5KWp

- Number of Mini Grid solar/solar-wind hybrid: **6**
- Total installed capacity of solar/solar-wind hybrid: **20 kWp**