



Border Energy Access

A Case Study on Lapthal Project

E-Hands Energy (India) Pvt. Ltd.

Green Rural Branches Social Impact



- Eliminates the use of diesel
- Cost saving on transporting fuel
- Environment friendly – Save Himalayas!
- Works throughout the year – 100% uptime of critical communication equipment
- Powering the armed forces to protect the border

Details of the Clean Energy deployment



Year	RE Tech.	Location / Roll Out	No. of Sites	Total Installed Capacity
2015	Wind + Solar	Lapthal, Uttarakhand	1	10KWp

- Total installed capacity of solar/solar-wind hybrid: **10 kWp**
- Aggregated Diesel Saving per year: **3,650 Litres**
- Diesel Saving Projected for next 5 years: **18250 Litres**
- Clean Energy Generated per year: **22 KWh (22,000 Units)**
- Carbon Reduction per year: **24 Tons**
- Carbon Reduction Projected for next 5 years: **120 Tons**