



REPORT ON THE SOLAR LIGHTING PROGRAM

Location: Ganeshguri (Near Bhutan Border), Baksa Dist., Assam

Project Owner: Rashtriya Gramin Vikas Nidhi (RGVN)

Executed by: Free Power Technology Private Ltd.

The project has been implemented in Ganeshguri which is 8 kms from the international border. The area is the hub and persons from the vicinity and even neighbouring Bhutan often gather here. Though the market place is officially on the grid, there is no electricity during the evening hours hence it was decided to install the solar lights in the area. There are fourteen shops in the area, mostly tea stalls and grocery shops. Fourteen people in the area (including 3 women and one physically challenged person) are the recipients of the solar lights.

A field level volunteer (at a monthly stipend of Rs 4000) has been appointed to monitor the project and help in strengthening people's participation in the programme. He has also made the beneficiaries aware of the use of alternative energy sources. Beneficiaries are of the opinion that the solar lighting has helped them greatly. It has increased their business hours and has made the place safer, especially for women. This is essential as the area has a lot of ethnic violence. People from other areas are coming forward and asking them about solar energy and whether it can be procured for them also. A model of stake holding has been developed wherein the beneficiaries have formed a committee and have deposited Rs 500 each. Additionally each beneficiary will also pay Rs 20 per month for the solar electricity. They have also decided to open a Bank Account in the Committee's name. The funds will be parked for any maintenance or exigency that may arise.

Details of Products & Services:

The following items were installed in the area:

1. 750 VA (600 Watt) Solar Inverter (PCU)
2. 12 V / 135Ah Solar Battery from Luminous
3. 300 Watt capacity solar PV modules- Tata Solar
4. 14 No.s LED light of 5 Watt for each shop with holder & switch
5. 2 No.s LED outdoor Luminary of 12Watt each with Pole
6. Installation and commissioning done for the above

Completion Certificate by Users:

স্বীকৃতিপত্র -
তাৰিখ:- ৩০-০১-২০১৬

তাৰিখ: ৩০.০১.২০১৬ তাৰিখে- তাম্বুলপুৰ মহাশক্তিৰ
বুঝাৰীকাৰী- মোকো অনুষ্ঠান গড়মুখীৰে উন্নত বাস্তৱ
স্বাস্থ্যকৰ্ম বিষয়া নিৰ্বাহ (R.G.V.N.) জৰিয়তে FREE
POWER TECHNOLOGY PRIVATE LIMITE) (মু- কৰা-
SOLAR LIGHT ৰ- ব্যৱস্থা- কৰ্ম- উপায়মূৰ্হ ইয়াৰে
লোকৰ মূৰা- হৰা- স্টীট- নাইট- আৰু ২৪ টা- বসু-
ব্যৱস্থা- পোহৰ- বিলোপাৰ ৰাইজে- অশ্রম-প্ৰকাশ
অৰু- । ইতি -

স্বী- কৰ্ম- চন্দ্ৰ- নেৰাৰ.
(অধ্যক্ষ- কৰ্মী)
তাৰিখ- ৩০-০১-২০১৬ ইতি

স্বাক্ষৰ:-

- ১। Phabiam Muchahary
- ২। Sarchis Narzany.
- ৩। Arit Baishya.
- ৪। Biram Basumatary
- ৫। Sajem Basumatary.

Snaps from the Installation Site:



Figure 1: Inverter (PCU)



Figure 2: Battery



Figure 3: Solar PV Modules



Figure 4: Solar Outdoor Street Light (Daytime)



Figure 5: Solar Outdoor Street Light (Nighttime)



Figure 6: Solar light fixtures at homes of beneficiaries



Figure 7: Solar Light Fixtures at the homes of beneficiaries



Figure 8: Solar Light Fixtures at Shops



Figure 9: Solar Light Fixtures at Shops



Figure 10: List of Beneficiaries with RGVN Staff

Acknowledgement:

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