

Project Summary - 3

Installation of C.R.I. 3 HP Solar Pumping System



Location

Geo location: Chethakonda Range, Khammam Dist. Andhra Pradesh
Geo position: 17.25 N , 80.15 E

System Components

- 200Wp x 16 Nos. **(3200 Wp) Multi-Crystalline
- 3HP ABB Solar Pump Control Unit
- Fixed Tilt Ground Mounted Module Mounting Structures ,North to South (Solar PV module Top to Bottom)
- CRI 4R-8 3HP / 14 STAGE Pumpset 3 Phase, 380 V, 50 Hz
- Area occupied: 24 Sq. meters of shadow free area
- Tilt Degree: 17° as per the Geo location of the installation

Results

- 45,000 LPD* at 49 m* of Total Dynamic Head
- Per year Running Cost by EB Grid Supply :
Rs.68,062/=* Payback period 7-8 Years*
- Per year Running Cost by Diesel Genset /
Diesel Pumpset: Rs.97,200/=* Payback period 2-3
Years*
- Investment for a 3 HP Solar Pumping System:
Rs.2,86,508/=*

* Conditions apply





Application

To provide water supply for the animals in the forest range at Khammam District, Telangana

This prestigious order was taken by our Authorized dealer M/s.Navasai Agencies, Palavancha, Khammam Dist, Telangana

June 2014

Sri.B.N.Chary [Forest Range Officer] & Mr.Ramakrishnan [Navasai Agencies] with C.R.I Personnel



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