

Project Summary - 11

Installation of C.R.I. 10 HP Solar Pumping System



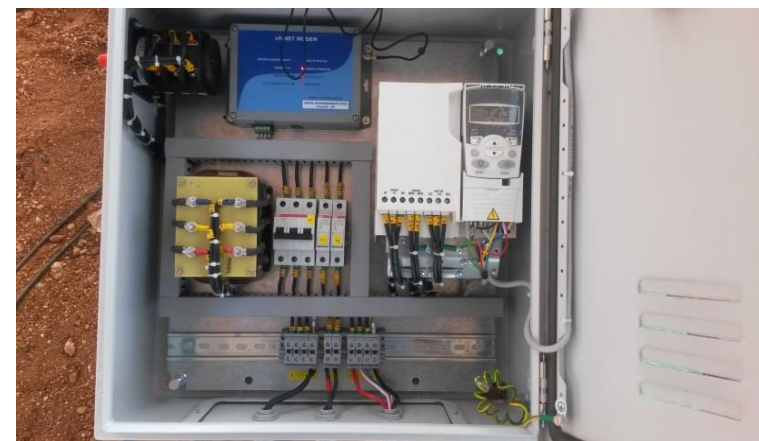
C.R.I. PUMPS
Pumping trust. Worldwide.



Customer Name : Mr.Eswarappa
(Model Farmer Award Winner, Govt of Karnataka)

Location

Geo location: Mundargi, Karnataka.
Geo position: 15.2200 N, 75.900 E



System Components

- 240Wp x 57 Nos. *(13.68Kw) Multi-Crystalline
- 10 HP Solar Pump Control Unit
- Fixed Tilt Ground Mounted Module Mounting Structures, North to South (Solar PV module Top to Bottom)
- 10H3 Monoblock Pumpset 3 Phase, 380 V, 50 Hz
- Area occupied: 100 Sq. meters of shadow free area
- Tilt Degree: 15° as per the Geo location of the installation



Results

- 11 LPS, 39600 LPH, 2,17,800 LPD* at 45 m* of Total Dynamic Head
- Per year Running Cost by EB Grid Supply :
Rs. 1,24,146/-* Payback period 7-8 Years*
- Per year Running Cost by Diesel Genset /
Diesel Pumpset: Rs. 4,06,296/-*Payback period 2-3
Years*

* Conditions apply



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