

# Project Summary - 6

## C.R.I. 2 HP Solar Pumping System



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



**Customer name : Mr. Mitesh Bhai** 📞 98254-60460

### Location

Geo location: Okha, Surat, Gujarat  
Latitude : 22.4649 N  
Longitude : 69.0701 E



### System Components

- 125Wp x 16 Nos. \*(2000 Wp) Multi-Crystalline
- 2HP ABB Solar Pump Control Unit
- Fixed Tilt Ground Mounted Module Mounting Structures, North to South (Solar PV module Top to Bottom)
- 2 HP Borewell Pumpset 3 Phase, 380 Volts, 50 Hz Supply
- Area occupied: 15 Sq. meters of shadow free area
- Tilt Degree: 22° as per the Geo location of the installation

### Results

- Flow: 10,080 m<sup>3</sup>/hr, 55,440 LPD\* at 49 m\* Total Dynamic Head
- Per year Running Cost by EB Grid Supply: Rs.18,150/=\* Payback period 10-11Years\*
- Per year Running Cost by Diesel Genset / Diesel Pumpset: Rs.59,400/\* Payback period 2-3 Years

\* Conditions apply

