

## Project Summary

### Installation of 5HP Solar Pumping System



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



#### Location

Geo Location : Oomachikulam, Madurai – Tamil Nadu

Geo Position : 9.994246 N, 78.147179 E

Customer Name : Gunasekaran

Contact : +91 96262 68377

#### System Components

- 250Wp x 21 Nos. \*\* (5250 Wp) Multi-Crystalline
- 5 HP ABB Solar Pump Control Unit
- Fixed Tilt Ground Mounted Module Mounting Structures, North to South (Solar PV module Top to Bottom)
- SR67 5HP 17 STAGE 3Phase 360 Volt AC, 50 Hz Pump set.
- Area occupied: 32 Sq. meters of shadow free area
- Tilt Degree: 10° as per the Geo location of the installation





## Results

- 2,700 LPH / 14,850 LPD\* at 150m\* Total Dynamic Head
- Per year Running Cost by EB Grid Supply :  
Rs.74,868/-\* Payback period 6.3 Years\*
- Per year Running Cost by Diesel Genset /  
Diesel Pumpset: Rs.2,45,00/-\* Payback period 2-3 Years\*

\* Conditions apply



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