

Project at Bhoom, MH

18°26'39.8"N 75°39'00.1"E

Grid Tied Solar System

500 kWp installed

In operation since October 2023



Annual energy generation of 7.5 lakh units (kWh)



Technical Specifications:

- **Solar module** - 380 Wp Mono (Anchor by Panasonic)
- **Inverter** - ABB
- **MMS** - Hot dip galvanized
- **Protections** - LA, Surge protection, MCCB, Isolators, String fuses

Project by Gram Oorja, supported by ICICI Bank





Ground mounted



On workshop roof



Ground mounted super structure



Terrace structure

Key technical aspects

- Detailed technical survey activities like contour, geotechnical, soil resistivity test, Lightning Arrestor (LA) design
- Design for effective use of available space to gain optimum generation
- Selection of high-quality components suitable for the project
- Design of module mounting structure (MMS) appropriate for the geology
- Ensuring the highest installation standards

Economical aspects

- Designed for 25 years
- Continuous usage and appropriate maintenance make such plants financially attractive