



# Case Study: Community Sanitation Complex, Santhewadi, Thane

Segment

Community Development (Habitat for Humanity India)

Location

Thane, Maharashtra

Goal

To power 32 motion sensing lights, 4 door access controls and 1 PC using battery based 1.5 KW rooftop solar system

Technical Details

- Project Size: 1.5 KW Project
- Rooftop Space Available: 150 sq.ft.
- Solar Panels: Polycrystalline – Indian
- Solar Inverter: Hybrid - Indian
- ~ 4 hour battery back up in case of utility power cut
- Roof Type: Non penetrating structure on roof level

Impact

- Benefit to 200 families (1000 residents) in the area
- Local women’s group leading maintaining solar

