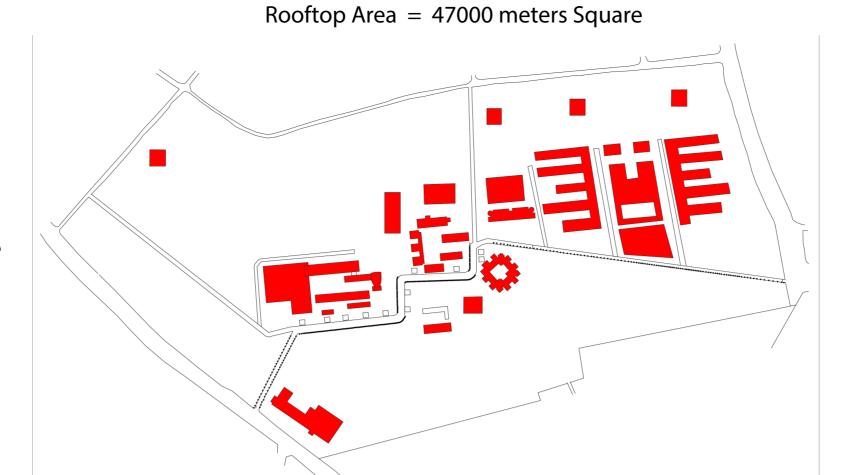
Solar Panels

Area Used 80%

Effective Area 37000 Meter Square Power in sun light 1000 Watt / m^2

Solar Panel Efficiency 20%



Rain Water Harvesting

Area Used 100%

Annual Rain fall 800 milli meter

Efficiency Factor 0.6 =

Collection

Power Captured 7400000 watt (Sun Facing)

Average Peak Time 4 hours/ Day **Effective Power** 1233 KVA

Annual Water Collection = 22560000 liters

Water need person/day 50 liters 18000 liters Water need person/annual = Water Enough for 1250 peoples

Storage

Energy Captured 30000 KWh/day **Battery Capacity** 30000KWh =

Cost Estimation

Panels 225600000 INR

(6000/m^2)

Battery 360960000 INR

(12000/KWh)

Total Cost 58000000INR =

AMC bill 50000000 INR/annual

12-13 Years After Instalation Profits Start =

