



Case Study: MANA TV, Dr. B.R. Ambedkar Open University

Type of System: On-Grid/Grid-Connected Rooftop Solar PV System

Roof Type: RCC Roof

Location: Hyderabad, Telangana

Project Capacity: 75kWp under CAPEX

Minimum Expected Annual Generation: 90,000 units (kWh)

Date of Commissioning: August 2017

Environmental Impact: The solar plant is equivalent to planting 1,137 mature* trees and helps cut carbon emissions equivalent to 100 tons per year.

Economic Impact: Clear savings can be observed month to month as per below table.

Electricity Bills		JAN	FEB	MAR	APR	MAY	JUN	JUL
2017	Before PV	₹ 2,85,015	₹ 2,69,987	₹ 3,38,091	₹ 3,12,986	₹ 3,93,784	₹ 4,13,096	₹ 3,00,878
2018	After PV	₹ 2,41,510	₹ 2,16,263	₹ 2,31,996	₹ 2,28,128	₹ 3,02,865	₹ 3,27,667	₹ 2,62,023
Total Yield [kWh] from PV System								
2018	75KWp Total	8263	8176	9707	10300	10320	8799	7299

