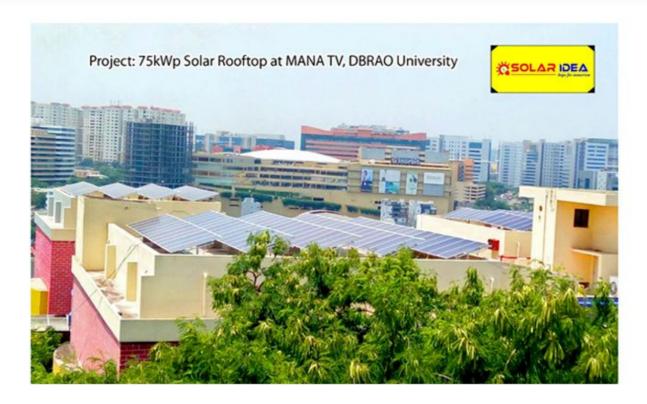
MANA TV, Dr.B.R. Ambedkar Open University



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 2,69,987	2 3,38,091	2 3,12,986	2 3,93,784	2 4,13,096	2 3,00,878
2018	After PV	2,41,510	2,16,263	2 2,31,996	2 2,28,128	2 3,02,865	☑ 3,27,667	2,62,023
Total Yie	ld [kWh] from	PV System						
2018	75KWp Total	8263	8176	9707	10300	10320	8799	7299

