



Case Study: NALSAR University of Law, Hyderabad

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

Roof Type: RCC Roof

Location: Hyderabad, Telangana

Project Capacity: 200kWp under CAPEX

Minimum Expected Annual Generation: 2,40,000 units (kWh)

Date of Commissioning: July 2018

Environmental Impact: The solar plant is equivalent to planting 1,244 mature* trees and helps cut carbon emissions equivalent to 109 tons per year.

**Mature tree – 30 year old tree*

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

Electricity Bills		AUG	SEP	OCT	NOV	DEC
2017	Before PV	₹ 10,67,549	₹ 12,88,035	₹ 9,18,785	₹ 5,77,060	₹ 4,08,786
2018	After PV	₹ 6,58,029	₹ 8,26,708	₹ 9,49,871	₹ 4,63,180	₹ 2,26,885
Total Yield [kWh] from PV System						
2018	200KWp Total	19208	23931	27074	23146	20000