



LESS IS MORE

Optimal Energy Consumption

We take responsibility for every unit we consume. The amount of energy saved annually, by installing more efficient lighting systems, is enough to power up an entire village.

Yard Lighting at Hazira

MFF, Hazira installed AVRs (Automatic Voltage Regulators) for its yard lighting. A sample transformer was installed and a 14% drop in energy consumption was observed. Scalable and replicable, these systems increase lamp life and also lead to a significant overall Carbon Footprint (CFP) reduction.

Impact	
Energy	
108,000 kWh of electricity was saved for the year 2013-14	It is estimated that almost 350,000 kWh of electricity will be saved every year from 2014-15
CFP Reduction	
89.64 MT of CFP reduction was achieved in 2013-14	290.5 MT of CFP reduction, every year, from 2014-15

Solar Street Lights at Faridabad

Our Faridabad campus lighting was powered by the conventional 250 W Mercury Vapor Lamps. These were replaced by solar lighting systems which comprise a 130 W SHARP Module Panel, a 12V/100A low-maintenance Tubular Battery, and a 28 W LED for backup.

Impact	
Energy	
22,813 kWh of electricity was saved for the year 2013-14	
Economic	
INR 1.83 Lac saved in 2013-14	