

Process Optimisation

Situation before: Heavy energy consumption in a rubber and plastic moulding SME with equipment like Kneader, Mixer, Compressors consuming the major part of electrical energy.

IMPROVEMENT DONE

Compressed air loss reduction improved the overall power factor. Measures included: installing a capacitor bank on the main line, installing additional capacitor banks for improving motor load power factor, motor load optimisation by load profile monitoring, reduced lighting load by using compact fluorescent lamps etc.

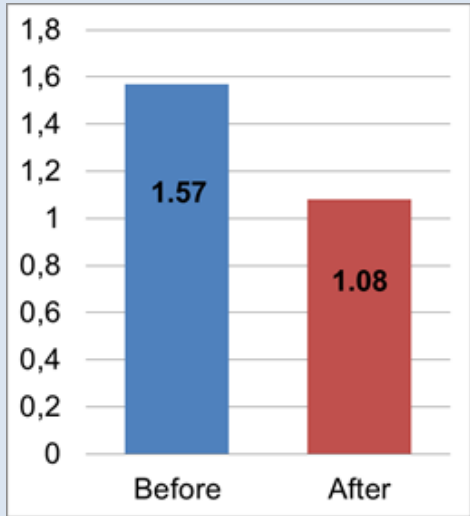


ECO IMPACT

Savings/year: Rs. 21,95,376

Cost: Rs. 2,00,000

Payback time: 0.09 years



Electricity consumed per unit of production (kWh/kg)

PROJECT FUNDED BY



PROJECT IMPLEMENTED BY

