

Energy Cost Reduction Project Implementation

(Leading Gear Manufacturer (Faridabad))

Challenges :

Before TMS –

- High Energy Consumption
- No tracking of Heat loss
- No Energy saving project implemented

Approaches :

Tetrahedron **Energy Management Consultants** team conducted an on-site **Industrial Energy Audit** and inspected the individual energy-consuming devices and track their performance and loss %. Some devices were found old, defective, and energy inefficient. In the end, energy isolation systems were developed and energy-efficient devices implemented. Energy KPI was established to track energy consumption.

Results :

- 25 Energy Saving Project Identified
- 18% Energy Cost Reduced
- Energy-efficient devices were installed across the plant.