

ENERGY CONSERVATION

Objective of the Practice

The objective of Energy Management is to achieve and maintain optimum energy procurement and utilization, throughout the organization and to minimize energy costs / waste without affecting production & quality.

The Context

- Energy conservation is the decision and practice of using less energy.
- Burning fossil fuels produces air pollutants and greenhouse gases. By conserving energy and using it more efficiently, we will waste less, pollute less and reduce the impact on an already overstressed environment.
- Energy conservation impact on operations, expenditure and performance.
- Efficient utilization of energy makes the electrical appliances more efficient and reliable.

The Practice

The different types of energy conservation techniques include

- Turning off lights and devices when they are not needed,
- Adopting energy-efficient heating and cooling techniques for homes and businesses,
- Conserving fuel that is used for transportation and recycling whenever possible.

Evidence of Success

Use of CFLs and LEDs anywhere it consumes 25-80% of less electricity and last 3 to 25 times longer than traditional bulbs.



Fig: Use of LED bulbs in the campus

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