*Energy audit*

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*"The judicious and effective use of energy to maximize profits(minimizecosts) and enhance competitive positions"*

"The strategy of adjusting and optimizing energy, using systems and procedures so as to

reduce energy requirements per unit of output while holding constant or reducing total

costs of producing the output from these systems”

What is energy audit?

* Feasible study of energy inflow and its improvement.
* It can be for a building ,sector or for whole industry/area.
* Its main function is cost saving and enhansing efficiency.

Types of energy audit

The type of Energy Audit to be performed depends on:

- Function and type of industry

- Depth to which final audit is needed, and

- Potential and magnitude of cost reduction desired

Thus Energy Audit can be classified into the following two types.

i) Preliminary Audit

ii) Detailed Audit

Who does these audits.

*It can be done by*

* *Energy manager*
* *Energy service companies*
* *Specialist energy consultants*

*How to improve these audits*

* *Targeted survey & analysis.*
* *Auditing each sector separately.*
* *Hiring professional energy auditor.*
* *Use of high tech instrument for analysis.*