

WHAT IS ENERGY MANAGEMENT?

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Energy Management can be considered as the sum of measures carried out to maintain comfort levels and production rates with using the minimum energy.

The main actions of energy managers are focused on energy conservation, energy recovery and energy substitution.

Reducing the CO₂ emissions, saving money, more comfortable working environment are achievements of energy management.

Energy management is a way to clearly identify all the energy costs.

One of the most important tasks of energy management today is to inform people to change their habits as far as energy use is concerned.

Not only energy managers but any person can change the energy policy. Everybody who uses the building can do something to improve the energy use.

The following basic things should be taken into account and practiced.

The number of hours when the building is occupied is a factor that influences the energy demand.

Energy management also depends on the type of the building and its age. When we use old buildings we should consider some specific aspects. Sun light, sun heat, energy system controls, distribution and efficiency are important aspects of the already existing buildings that influence the energy management. On the other hand, orientation, insulation and materials are important aspects in energy saving if it is a new building.

Energy savings can consider changing the energy type being used.

The cost of the electricity can be reduced by controlling the time of the electric loads.

Efficient installed equipment is one of the most important energy solicitors of the building.

Control devices such as thermostats, switches should be easily accessible to the energy users.

External factors are also of a big importance. Weather and climatic characteristics can contribute to energy saving.