TOTAL PRODUCTIVE ENERGY MANAGEMENT

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ABSTRACT

The energy issue is becoming a determining factor in the living standards of individuals as well as societies. The increasing demand for increased productivity, improved quality of products/services, reduced environmental emissions, and reduced energy costs are all incentives for organizations to invest in and implement new energy efficiency technologies and management approaches. This necessitates a collective effort towards the efficient and wise utilization of all energy resources. This paper introduces the concept of Total Productive Energy Management (TPEM). This approach would require the involvement of all members of a facility to take part in energy conservation activities in their facility by being responsible for the management of energy systems in the space(s) they occupy and/or the equipment they operate. Top management commitment, incentives to employees and continuous training are the means of implementing such an approach in organizations. This approach will help implant the awareness and commitment to energy conservation on all levels, therefore saving money and protecting the environment.