ABSTRACT

Non-technical and non-economical factors are often left out in the initial identification of potential energy conservation measures. This results in a waste of corporate resources. The over emphasis on energy retrofit measures to achieve energy efficiency has lead to a neglect in no-cost or/and low-cost measures which are equally energy efficient. The project seeks to demonstrate the relevance of a holistic but focused approach for energy management in a commercial environment.

An energy study of a commercial development is undertaken to explore practical issues in approaching energy efficiency. The use of computer energy analysis program should be limited to organization that possesses the available time and resources. Energy efficiency can still be achieved using no-cost and/or low cost measures. No-cost and low-cost measures can help reduce the inertia for larger energy efficient measures.

Keywords: Energy audit, energy conservations measures, computer energy analysis program, no-cost measure, low-cost measure.