

# Energy Audit Newsletter

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Welcome to Keypoint's Energy Audit Newsletter.

**'With the increasing demand and cost of energy, organisations are undertaking energy audits to be more energy efficient and contain costs'.**

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## Keypoint & MITCON

Keypoint, in partnership with MITCON, provides energy audit services to corporations in the Kingdom of Bahrain. We have undertaken a project with a leading healthcare service provider where we were able to identify significant energy saving opportunities.

MITCON Consultancy & Engineering Services Ltd. is an ISO 9001:2008 certified company, with experience of over three decades in consultancy and engineering services.

Our integrated energy audit services provide a detailed evaluation of the energy utilisation, cost and requirement of a domestic and/or industrial unit. This service focuses on providing solutions for effective use of energy, cost optimisation and will assist in establishing a mechanism for periodic monitoring and review of energy costs.

## Our Approach to Energy Audit

Our approach to an energy audit is based on global standards and it consists of the following 3 key steps:

### Step 1: Field Measurements and Data Analysis

Primarily the electricity and fuel consumption data is gathered and various measurements are taken on the field. This measured and gathered data is analysed and calculations are done to obtain the efficiencies of the equipment in use. Various energy saving measures are derived from the analysed data.

### Step 2: Cost Analysis

Based on the energy saving measures the cost savings are calculated along with the investment estimates for implementing the saving measures. Thus estimating the opportunities for cost optimisation.

### Step 3: Energy Audit Report

All the above information is compiled and presented in form of an Energy Audit Report that contains:

- Details of specific energy consumption,
- List of recommendations to reduce energy consumption and costs
- Monitoring and evaluation of impact of selected measures
- Roadmap to implement the recommendations

## News from MITCON

### 11th Energy Conservation Awards (Excellence in Energy Conservation & Management) : MITCON at 1st Position

To give "recognition" to facilities / units who have taken extra efforts for efficient utilization, management & conservation of energy during 2014-15 and 2015-16, Maharashtra Energy Development Agency (MEDA) launched the 11th State Level Energy Conservation Awards (Award for Excellence in Energy Conservation & Management).

MITCON has proudly secured 1st position in the above mentioned award scheme at state level. MITCON has been recognised for their efforts and excelled in practising energy efficiency measures in their activities and achieved exemplary results.

### "Certificate of Merit" under National Energy Conservation Award – 2016 Scheme.

MITCON has proudly secured 1st position in the above mentioned award scheme at national level. MITCON has been recognised for their efforts and excelled in practising energy efficiency by Ministry of Power, Government of India.