



Alternative Energy in Hospital: A Summary on Important Researches

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Abstract

Energy is an important requirement for any activities. The hospital is an important place for serving of medical care. The hospital also requires energy for operation. Saving energy is an important concept. Alternative energy for hospital is interesting. In this article, the author summarizes and discusses on alternative energy in hospital.

Keywords: Alternative, Energy, Hospital.

Introduction

Energy is an important requirement for any activities. Without energy, things will be dysfunction. The hospital is an important place for serving of medical care. The hospital also requires energy for operation. In any units of the hospital, energy is required. Many units requires a lot of energy such as ICU, ER and OR. Saving energy is an important concept. This is to correspond to the increased requirement for energy as well as limited energy resource in the present day. Alternative energy for hospital is interesting. In this article, the author summarizes and discusses on alternative energy in hospital.

Table 1.Important reports on academic medical library

Authors	Details
Mc Gain et al. [1]	McGain et al. discussed on energy saving in their hospital [1]. McGain et al noted that “ <i>The methodology used of how hospital sterilizer use could be improved could be applied to all hospitals and more broadly to other equipment used in hospitals [1].</i> ”
Ferenc et al [2]	Ferenc discussed on “ <i>hospitals save resources using ASHE's energy-procurement strategies [2].</i> ”
Kortus and Baumez [3]	Kortus and Baumez noted that pyrolytic incineration could save your hospital energy and money [3].
Greider [4]	Greider noted that energy conservation was a powerful tool for hospital cost control [4].

Duffin [5]	Duffin noted that energy saving campaign in hospital could help reduce cost of hospital operation [5].
Ostroy [6]	Ostroy noted that “solar energy is well suited to hospitals and can provide good publicity as well as energy savings[6]” and proposed that “better electronic and pneumatic controls for heating, air conditioning and ventilation can provide large energy savings at moderate cost [6].”

Important Reports on Alternative Energy in Hospital

There are many interesting important reports on alternative energy in hospitals. The important reports are hereby listed in Table 1.

Conclusion

The energy requirement is an important concern for hospital management. There are many reports on alternative energy and energy saving in hospital. The alternative energy use as well as rearrangement for the energy use plan in the hospital is proven useful in cost saving for hospital management.

Conflict of Interest: None

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