

In Egypt, existing buildings consume 60% of electrical energy. Improving existing buildings through energy retrofiting and using different techniques of integrated PV may serve as a step ...

Although only a small fraction of buildings in Egypt could currently be considered green, recent marquee projects--including the GEM-- point to a growing awareness that more sustainable, energy-efficient ...

CAIRO, EGYPT, February 8, 2026 /EINPresswire / -- Diverse Supplies, a leading Egyptian provider of steam management and thermal energy efficiency solutions, celebrated 10 years of ...

This paper is a part of an ongoing research that aims to describe the influence of building constructions on energy consumption through a survey that is conducted in Cairo and its surrounding...

This paper aims to raise the quality of life in low-cost housing from the perspective of energy conservation. The research aims to ensure enough sustainable energy to maintain a quality ...

Therefore, the aim of this study is to evaluate the energy performance in two administrative office buildings in Cairo, Egypt using ENERGY STAR thus providing recommendations to enhance energy ...

EgyptEra made a unified model for energy rationalization plans for the distribution companies affiliated with the Egyptian Electricity Holding Company and trained the rationalization engineers in the ...

The Egypt Energy Show (EGYPES) is North Africa and the Mediterranean's most important energy exhibition and conference held under the patronage of His Excellency Abdel Fattah El Sisi, President ...

These findings provide essential guidelines for reducing energy demand and improving thermal efficiency in Egyptian residential buildings.

This research aims to propose a framework for saving energy consumption in Egyptian buildings by adopting the Passive House Criteria (PHC) as the world's leading standard in energy ...

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