

Office building energy storage and energy saving renovation project

This study investigates the retrofit of an existing office building in Canada from the late 1960s to reduce the annual operational energy, to determine the on-site energy production to reach ...

This research establishes technology cluster systems for energy efficiency retrofits that are suitable for different climatic regions.

Based on the theory of sustainability, this paper establishes a sustainable analysis framework to guide stakeholders to select an optimal technical combination of energy-efficient retrofit ...

It is expected to provide a reference for the energy-saving renovation design of the same type of office buildings in this area.

The Building Technologies Office is funding projects to develop training and educational resources to equip and expand the workforce delivering energy-saving building technologies, systems, and practices.

New towns will accelerate the implementation of typical user-side energy storage scenarios in industrial parks and data centers, supporting the construction of a series of energy ...

Energy-saving strategies help offices stay balanced and efficient. Rising costs make power control more important. Waste often hides in daily routines. Energy-saving strategies keep ...

We'll cover key areas for improvement, how to develop a comprehensive energy strategy and the role of technology in energy management. By implementing these strategies, you'll not only ...

This paper relied on a review of 36 articles published between 2007 and 2019 to identify and categorise energy efficiency design, planning and construction applicable to office buildings.

This study aims to evaluate the energy-saving possibilities of a DGCS compared to a conventional chiller system for an existing office building. A typical Swedish office building with a ...

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