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The findings revealed that the optimal WWR is (20%) for the rectangular shape and (20-30%) for the square shape across all Egyptian cities. The energy conservation ranged between (53.3-...

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This paper provides insight into performance of current Egyptian office buildings through a multi-building energy survey and a detailed case study. The most common office type in the survey has natural ventilation and local cooling.

o Energy conservation and more efficient energy use. o Promotion of renewable energy utilization. Energy efficiency is an important strategy that has been adopted and promoted throughout the Egyptian Economy. Several organizations in Egypt are currently conducting energy conservation programs in different sectors of the economy.

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An office building in Alexandria, Egypt, is taken as a case study to examine the effectiveness of the procedure. The results are easily presented to the decision makers with both economic and environmental indices. The procedure can be applied to most non-residential buildings. Keywords: energy conservation -office buildings - CO2 emissions

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