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CONCEPT OF GREEN HOUSE EFFECT IN SOLAR FLAT PLATE COLLECTOR

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Abstract

An experimental study can be made to compare the performance of the conventional solar flat plate collector with a solar flat plate collector with the concept of "Global warming or Greenhouse effect". As in greenhouse effect the heating of earth due to presence of greenhouse gases take place similar effect can be produced in solar flat plate collector using various greenhouse gases. In present research performance comparison is made between the conventional solar flat plate collector and a solar flat plate collector with the concept of "Global Warming or Greenhouse effect to understand what differences occurs in between these two. The research shows that the solar flat plate collector with the concept of "Global warming or Greenhouse effect" gives better performance than the open solar flat plate collector.

Keywords: Solar Flat Plate Collector, Greenhouse Effect, Global Warming, Conventional Solar Flat Plate Collector