**Reduction of Carbon Footprint via Renewable Energy Sources for Sustainable.**

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In this study, the usage of solar thermal power for the reduction of carbon footprint in large

scale touristic hotels has been investigated. For this purpose, energy consumption and other related

data are used for five star touristic hotels’ for the calculation of carbon footprint. Later, a set of

calculation are carried out to investigate to what extend the carbon footprint levels could be lowered.

The results show that the implementation of renewable energy sources like solar thermal power play

a crucial role in the reduction of carbon footprint and it plays an important role for a sustainable future.

Keywords: Carbon Carbon footprint, tourism, five star hotel, solar energy, renewable energy.