

Chapter 1. Introduction. Chapter 2. The Solar Energy Option-An Overview of Thermal Applications. Chapter 3. Solar Radiation. Chapter 4. Liquid Flat-Plate Collectors. Chapter 5. Solar Air Heaters. Chapter 6. Concentrating Collectors. Chapter 7. Thermal Energy Storage. Chapter 8. Solar Pond. Chapter 9. Economic Analysis. Chapter 10.

It starts with a summary of solar alternatives divided into systems for low, medium and high temperatures followed by systems for thermal collection and storage before diving into solar...

SOLAR ENERGY:Principles of Thermal Collection and Storage,Third Edition. S P Sukhatme. J K Nayak. ISBN: 0070260648. Copyright year: 2008. With the growing emphasis worldwide on Non Conventional Energy Resources, Solar Energy has become a very viable option.

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This paper reviews different types of solar thermal energy storage (sensible heat, latent heat, and thermochemical storage) for low- (40-120 °C) and medium-to-high-temperature (120-1000 °C) applications.

Solar energy : principles of thermal collection and storage. by. Sukhatme, S. P. Publication date. 1984. Topics. Solar energy -- Mathematical models, Energy storage -- Mathematical models, Solartechnik, Solar energy Heat Collecting & storage Mathematical models. Publisher. New Delhi ; London : Tata McGraw-Hill. Collection.

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