Abstract

Had you ever mentally conceived of storing the solar thermal power without any sumptuous solar storage contrivances? Can't we engender solar thermal energy in the form of low
grade heat of 70-800°C with 200°C ambient temp. Yes this paper suggest a solutions of storing the non conventional energy energy only by constructing a simple pool of brine, isn’t it astounding? Thus a solar pond is a pool of brine which accommodates as the solar energy amassment and sensible heat storage. The solar ponds made a tremendous progress in the last 30 years. This paper withal mainly reviews the fundamental principles of the solar pond and the quandaries encountered in its operation and its maintenance. Here we withal discuss the factors that enhance the heat storing capacities and withal the factors that influence the technical and the economical viability of the solar ponds.

References

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**Index Terms**

Computer Science

Power Systems

**Keywords**

Mass Flux  Heat Flux  Sgsp