

Non-Convective Solar Pond as a Thermal Energy Source

~ 7f6a0279d53f23abed91425a67a0ae82.200x200 Non-convective solar pond is a potential large surface area solar collector device. It has additional advantage of long term storage capacity. It is a shallow body of water of about a meter deep containing dissolved salts to generate a stable density gradient (fresh water on top and denser salt at the bottom). Part of the incident solar radiation entering the pond is absorbed leading to...

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