

Phase change materials have shown promising results in storing and releasing thermal energy in PV-TE systems. Recent advancements in this area include the development of new PCMs with higher thermal conductivity, melting ...

of solar electricity is projected to reach parity with peaking power in main markets by about 2020e2030 [1e4]. So far, photovoltaic (PV) technologies have the largest share of the solar ...

Currently, the solar TES system has attracted so much attention. Kumar et al. [2] applied a TES to the solar-assisted heating system in an industrial process. A useful model ...

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