

عنوان مقاله:

Short Term Performance Evaluation of Different PV Technologies in Tehran Climate Condition

محل انتشار:

سومین کنفرانس انرژی های تجدید پذیر و تولید پراکنده ایران (سال: 1392)

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خلاصه مقاله:

In this paper a short term evaluation on the performance of different Photovoltaic (PV) plants in the city of Tehran is presented. The comparisons are made considering various levels of irradiance and air temperature. Three PV technologies are compared in terms of their energy yield. Moreover, a comparison of the same technology but from different PV brands is provided. Finally, since Tehran suffers from air pollution, especially during winter, a study of air pollution effect on the PV energy yield is presented.

کلمات کلیدی:

component; Photovoltaic power plant, short term performance evaluation, photovoltaic technology comparison

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