

## عنوان مقاله:

Economic Evaluation of Installation and Peak Shaving Using Photovoltaic Sy

## محل انتشار:

دومین کنفرانس بین المللی رویکردهای نوین در نگهداشت انرژی (سال: 1391)

تعداد صفحات اصل مقاله: 11

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## خلاصه مقاله:

In this paper, radiation calculations for all hours of the year on the photovoltaic system surfaces have been studied in Qazvin province area and also economic calculations for photovoltaic systems have been discussed. Then the economic evaluation of hybrid photovoltaic system and network to supply a household consumer (if subsidies in Iran fully eliminate for electric energy) will be discussed. The results show that the price per KWh of electricity power from photovoltaic systems in Qazvin province will be 1443 Rials. After this study, the energy from the photovoltaic system is used for peak shaving in times of peak consumption. Finally, the environmental effects of this system have been evaluated.

## کلمات کلیدی:

Photovoltaic system, renewable energy, economical evaluation, pollutant gas, peak shaving

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/222325>

