

عنوان مقاله:

Evaluation of subsidy elimination policies economical effects on applying photovoltaic systems for commercial buildings in Iran

محل انتشار:

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خلاصه مقاله:

PV system establishment needs full investment which must be economical versus network energy cost. This analysis is one of the most important parts of a solar system design. In Tehran the shape of the load curve of a commercial buildings and the form of the sun radiation curve are alike. By considering this coincidence there could be a way to use solar power to supply a part of the demand. According to strategic plan of the administration, the energy subsidies must be eliminated and energy prices will be increased to the actual price in 5 years. In this study a grid connected PV system will be analyzed in different increasing scenarios to indicate when a PV system should be considered for application in grid connected commercial buildings. Tehran solar data and energy prices will be used for this analysis

کلمات کلیدی:

Photovoltaic energy system, Energy pricing, Energy Tariff, Subside, Economy

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