

Duman and G&#252;ler presented an economic evaluation of grid-connected residential rooftop PV systems in T&#252;rkiye, considering the current feed-in tariff scheme. They highlighted the reluctance towards residential PV systems in T&#252;rkiye, which can be attributed to the lack of widespread campaigns.

A contribution to the recent literature has been made with the present study on a grid-connected solar power plant located in Karapinar, Konya, T&#252;rkiye, consisting of bifacial ...

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Therefore, this study examines the techno-economic feasibility of utilizing second-life batteries for PV storage in grid-connected ZEHs in two provinces (Antalya and Istanbul) of T&#252;rkiye. First, ...

A contribution to the recent literature has been made with the present study on a grid-connected solar power plant located in Karapinar, Konya, T&#252;rkiye, consisting of bifacial solar panels and a single-axis solar tracking system.

It contributes to the literature by comparing grid-tied and stand-alone HRES to determine the optimum system configuration and to find the best optimization results in seven regions of Turkey under different climate conditions.

Therefore, this study examines the techno-economic feasibility of utilizing second-life batteries for PV storage in grid-connected ZEHs in two provinces (Antalya and Istanbul) of T&#252;rkiye. First, two ZEHs with air-to-water heat pumps are designed using BEopt software.

feasibility study of grid-connected photovoltaic systems in Istanbul, T&#252;rkiye. In their study, power output and temperature data collected from PV modules in Istanbul, T&#252;rkiye in 2009.

In this study, a grid-connected nuclear and renewable hybrid system is considered to meet the electric load of Mersin utilizing nuclear and renewable energy resources. Various scenarios are studied to reveal the optimal system based on NPC and LCOE.

So, this paper presents an economic feasibility analysis of a grid-connected PV energy system. The system is planned to locate on the campus of Kutahya Dumlupinar University, T&#252;rkiye.

In the study, grid-connected roof system modeling was made in Bakirk&#246;y district of Istanbul province. In the modeling of the system, a total of 90 solar panels were placed on an area of 114.9 m2, in East and West

directions.

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