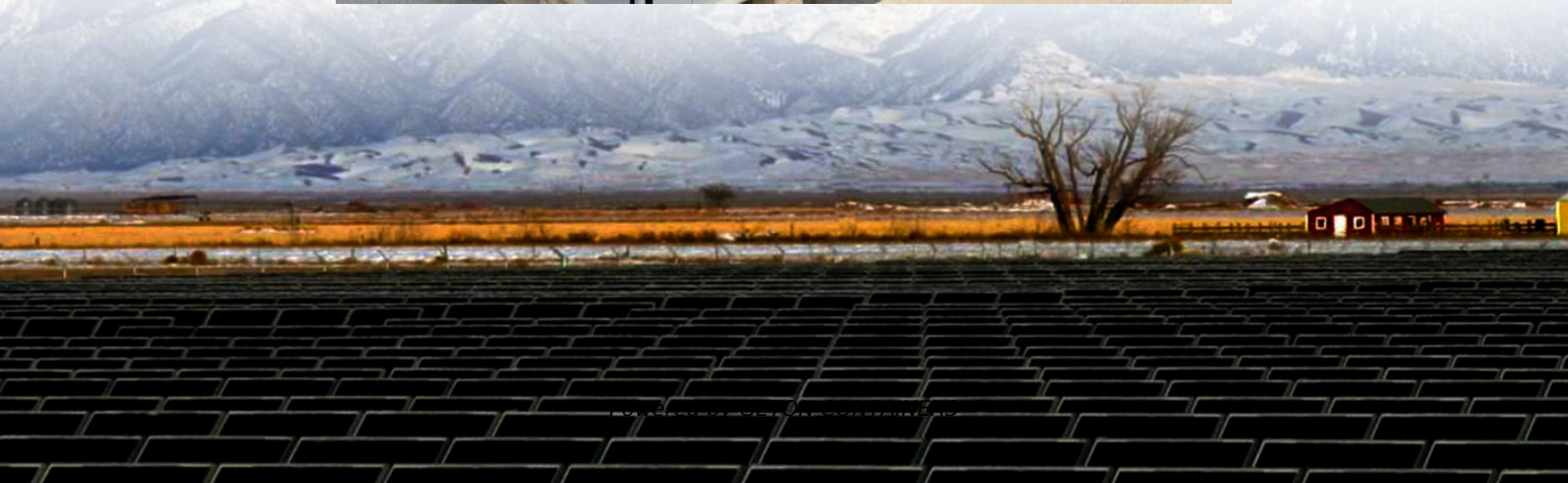


# **Price of Grid-Connected Photovoltaic Containers Used in Middle Eastern Ports**





## Overview

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Is a commercial grid-connected photovoltaic system economically viable in the Middle East?

This paper investigates the economic viability of a commercial grid-connected photovoltaic system (GCPVS) in the Middle East region. In this regard, an economic assessment of a 120 kW p GCPVS connected in December 2017 under a feed-in tariff (FiT) scheme in Iran—the leading country in the region establishing a supportive policy—is carried out.

How is the Middle East solar power market segmented?

The Middle Eastern solar power market is segmented by technology and geography. By technology, the market is segmented into solar photovoltaic (PV) and concentrated solar power (CSP). The report also covers the market size and forecasts for the Middle East solar power market across the major countries in the region.

How many solar panels are installed in the Middle East in 2022?

Photovoltaic (PV) solar panels held a share of more than 96.57% of the total Middle Eastern solar energy installed in 2022. The solar PV installed capacity of the Middle East grew to 12.440 GW in 2022, which is higher compared to the 9.239 GW installed in 2021.

Will solar power grow in the Middle Eastern Region?

With several projects under construction or in the tender phase in countries like Saudi Arabia and the United Arab Emirates, considerable growth in solar PV is expected to drive the solar power market in the Middle Eastern region over the forecast period.



## Price of Grid-Connected Photovoltaic Containers Used in Middle East

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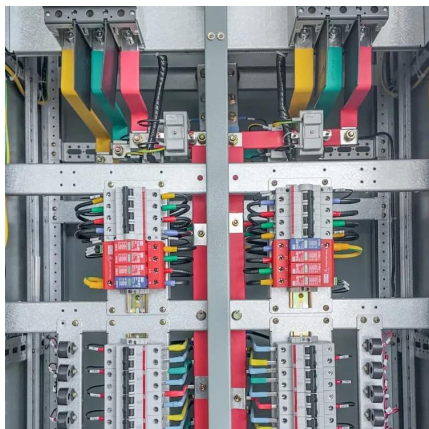
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