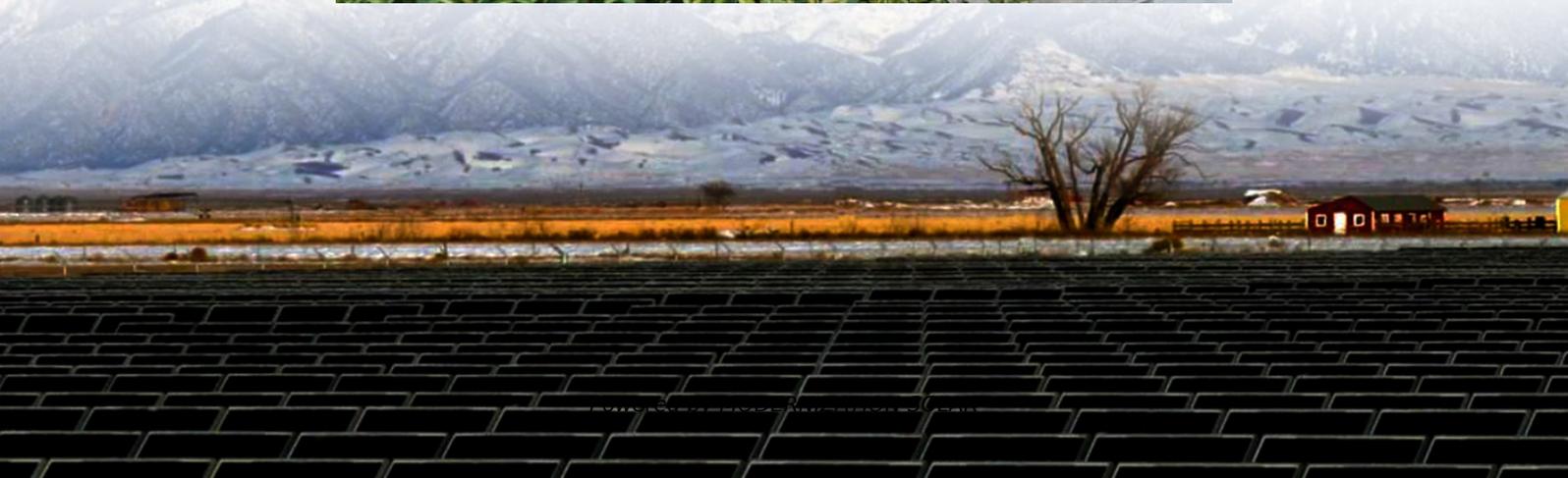


Cost of 40-foot photovoltaic container for Middle Eastern base stations





Overview

Recent pricing trends show 20ft containers (1-2MWh) starting at \$350,000 and 40ft containers (3-6MWh) from \$650,000, with volume discounts available for large orders. Are solar energy prices tumbling in the Persian Gulf?

For the third time in a decade, solar energy pricing records are tumbling in the Persian Gulf. As each previous wave of new records was met with incredulity, only for these prices to become the new normal around the world within a few years, it would be unwise to once again dismiss low prices as unrepresentative outliers.

Is the Persian Gulf a leader in photovoltaic deployment & pricing?

Over the last several years, the oil-rich Persian Gulf region has emerged as a global leader in photovoltaic deployment and pricing.

What is the largest solar plant in the GCC region?

At the time of our original study on solar energy costs in the GCC region, the largest active utility-scale solar plant was the 200-MW project forming phase 2 of Dubai's Mohammed bin Rashid Al Maktoum solar park (henceforth MBR2).

Is CAPEX below \$1000/kW feasible?

We found that CapEx below \$1000/kW was feasible based on rapidly declining module costs (around 30 ¢/W at the time of that writing), BOS and tracker costs, the low cost of labor in the region, and minimal overhead and “soft” costs.



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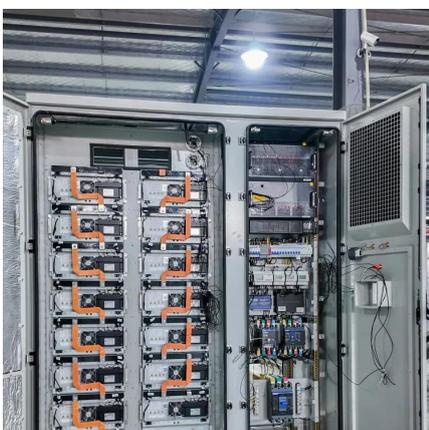
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Experts say solar could help- it is cost-competitive, it is quicker to install and can be deployed either at scale for large communities, or in a modular way on rooftops, or for small factories. ...



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