

SolarTech Power Solutions

UAE energy storage exports



Overview

Where does the UAE export its natural gas?

According to estimates in the Energy Institute's 2023 Statistical Review of World Energy, the UAE exports its natural gas as LNG, and nearly all of it goes to destinations in the Asia Pacific region. India was the top importing country, taking about 134 Bcf (50%) of UAE's total LNG exports in 2022.

Will UAE become a gas exporter by 2027?

"UAE on track to become a net gas exporter by 2027," Rystad Energy, August 11, 2022. "New gas discoveries and alternative supply sources will make UAE self-sufficient," Rystad Energy, October 28, 2020. "UAE to tap sour gas fields to go from importer to exporter by 2030," Rystad Energy, July 4, 2019.

How has electricity capacity grown in the UAE?

Total electricity capacity in the UAE grew by almost 10 gigawatts (GW) from 2012 to 2021. About 44% of this growth was in capacity derived from fossil fuels. The remainder of the growth in capacity in this period came from nuclear and solar energy sources.

What products does the UAE import and export?

The UAE imports and exports a wide range of petroleum products. According to estimates of trade flows by Vortexa, the UAE exported an average of 1.5 million b/d of petroleum products from 2019 to 2022; just over half of total exports were either liquefied petroleum gas (LPG) or naphtha.

Why is the UAE a net importer of natural gas?

Although the UAE exports natural gas in the form of liquefied natural gas (LNG), it is a net importer of natural gas because domestic natural gas consumption exceeds production. The UAE relies on natural gas imports via pipeline or as LNG from other countries, primarily Qatar, to meet its domestic consumption needs (Figure 3).¹⁸

How much natural gas does the UAE produce a year?

Dry natural gas production averaged about 2.1 Tcf between 2012 and 2021, while dry natural gas consumption averaged about 2.5 Tcf in the same period. Although the UAE exports natural gas in the form of liquefied natural gas (LNG), it is a net importer of natural gas because domestic natural gas consumption exceeds production.

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