



SolarTech Power Solutions

Malta's low-cost outdoor power supply market



Overview

What is the main source of energy in Malta?

Gas is the primary contributor, representing nearly all of the fossil energy used. In addition, Malta relies significantly on net imports, accounting for almost a third of its energy supply.

Why does Malta need solar power?

Increases in energy costs worldwide have given new impetus to this work, since Malta imports nearly all its energy. The government continues to explore additional possibilities for solar power generation and employing other alternative energy sources such as wind power (see also Waste section for related opportunities).

Can US energy suppliers find opportunities in Malta?

U.S. suppliers of renewable solutions may therefore find opportunities in Malta. Further, this gives rise to opportunities for U.S. energy storage technologies and batteries, which assist in flattening the demand curve and smoothing out Malta's energy supply.

What is Malta's energy security strategy?

Malta's strategy under the energy security dimension will continue to emphasize the government's commitment to achieving greater security of supply through the diversification of energy sources and suppliers and reduce energy import dependency primarily through the deployment of indigenous Renewable Energy Sources (RES).

How much energy does Malta use?

Currently, Malta's electricity consumption is heavily dominated by fossil energy, with more than half of its electricity, approximately 58%, generated from fossil fuels. Gas is the primary contributor, representing nearly all of the fossil energy used.

Does Malta have low-carbon electricity generation?

Malta's history of low-carbon electricity generation, particularly through solar power, reveals a clear pattern of stagnation until recent years. From 2010 to 2024, solar electricity generation remained constant without any additional input, highlighting a period of missed opportunities for growth and innovation in the last decades.

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