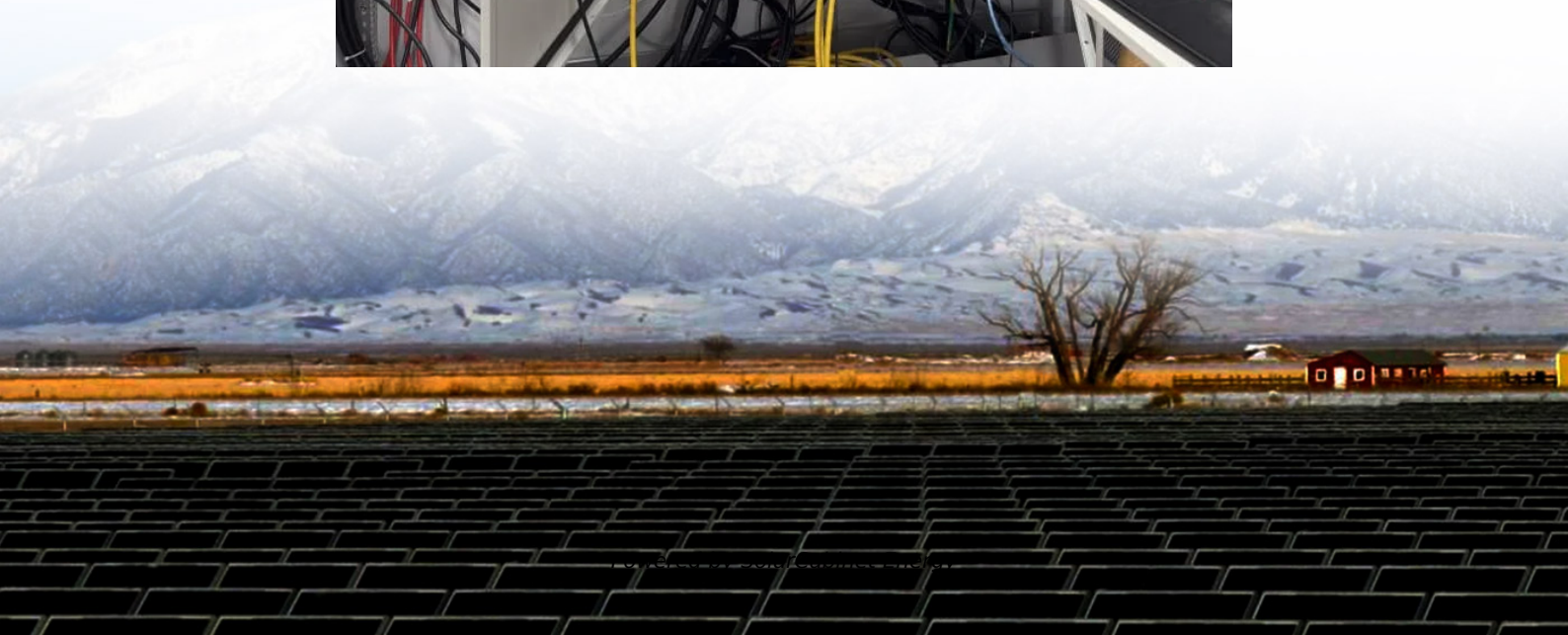


# **Iraq Solar Photovoltaic Panel Project**





## Overview

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QatarEnergy has partnered with TotalEnergies to develop a 1.25 GW (peak) solar photovoltaic (PV) project in Iraq's Basra region. Awaiting regulatory approvals, QatarEnergy and TotalEnergies will each hold a 50% stake in the solar facility, which ranks among the world's largest solar projects. Does Iraq have a solar power plant?

The contracts also cover a water intake project for injection into oil reservoirs. The solar power plant will be Iraq's first utility-scale solar power project. While the country has several other solar plans in the pipeline, the TotalEnergies project is the first to proceed to the implementation phase.

What is Iraq's first utility-scale solar power project?

Utility-scale solar power project The solar power plant will be Iraq's first utility-scale solar power project. While the country has several other solar plans in the pipeline, the TotalEnergies project is the first to proceed to the implementation phase.

Will totalenergies build a solar power plant in Iraq?

French energy major TotalEnergies will build a 1-gigawatt solar power plant in Iraq as part of a cluster of contracts it was awarded in 2021 for an integrated project that entails a total investment of \$27 billion over 30 years.

How much solar power does Iraq have in 2023?

According to the latest statistics by the International Renewable Energy Agency, it had just 1,599 megawatts of renewable energy capacity at the end of 2023. Iraq has abundant untapped solar resources that could allow it to achieve its target and reduce reliance on imports of electricity.

How reliable is Iraq's electricity grid?

Iraq's electrical power supply grid faces significant reliability challenges due to a combination of infrastructure damage, high loss rates, and frequent power



outages. 456 Infrastructure Condition: The grid has suffered extensive damage from decades of conflict, resulting in inadequate transmission and distribution systems.

How much does electricity cost in Iraq?

As of March 2024, the average cost of electricity from utility companies in Iraq (including power, distribution and transmission costs as well as taxes) is \$0.015 per kWh for residential consumers and \$0.046 per kWh for businesses.

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## Iraq Solar Photovoltaic Panel Project

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### [Masdar signs agreement to develop solar projects in Republic of Iraq](#)

Masdar, one of the world's leading renewable energy companies, announced today that it signed a strategic agreement with the Republic of Iraq to develop five solar photovoltaic ...

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