

## PDEOZE PowerContainer

# Syria Solar Panel solar Project



## Overview

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In July 2025, the Energy Ministry signed a memorandum of understanding (MoU) with US-based 20Solar Energy to develop 200 MW of solar PV capacity, including 100 MW of conventional solar and 100 MW of solar-plus-storage projects (see Syria Seeks Solar Energy; Ropes In US Company For 200 MW). Why are Syrians using solar panels?

Cut off from the power grid and with fuel costs soaring, Syrians in a poor, embattled enclave have turned en masse to solar panels to charge their phones and light their homes and tents. Solar panels covering rooftops, some of which have been damaged in government attacks, in Binnish, Syria.

Where are solar panels located in Syria?

Solar panels, big and small, old and new, are seemingly everywhere in Idlib Province along Syria's border with Turkey, rigged up in twos and threes on the roofs and balconies of apartment buildings, perched atop refugee tents and mounted near farms and factories on huge platforms that rotate to follow the sun across the sky.

Is there a solar revolution in Syria?

An unlikely solar revolution of sorts has taken off in an embattled, rebel-controlled pocket of northwestern Syria, where large numbers of people whose lives have been upended by the country's 10-year-old civil war have embraced the sun's energy simply because it is the cheapest source of electricity around.

What role does energy play in Syria's Recovery?

"Given the critical role of energy in Syria's recovery, we have to rapidly address energy poverty and progressively accelerate the access to renewable energy," Sudipto Mukerjee, UNDP's resident representative in Syria, said in a statement announcing the plan. Sanctions crippled the power grid.

How many megawatts does Syria need?

Al-Bashir said Syria's infrastructure that has been repaired can provide 5,000 megawatts, about half the country's needs, but fuel and gas shortages have hampered generation. With the sanctions lifted, that supply could come in soon.

What was Syria's biggest city like in 2019?

Syria's largest city was mostly pitch-black, the few speckles of light coming from the other households able to afford solar panels, batteries, or private generators. Al-Jenan went thousands of dollars in debt to buy his solar panel in 2019.

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