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Damascus Smart Solar Power System





Overview

Is solar energy a solution to Syria's electricity crisis?

After more than thirteen years of war, Syria's electricity crisis has only deepened, compounding the suffering of its people. The former Assad government failed to secure stable energy supplies, and as shortages worsened and fuel prices soared, the regime turned to solar energy projects as an alternative, seeking to mitigate the crisis.

Is solar energy a viable option in Syria?

As the electricity crisis worsens, solar energy is no longer just an option – it has become an unavoidable necessity. Yet the high cost of installing photovoltaic systems has pushed many Syrians to rely on subsidized loans, particularly those provided by the Renewable Energy Support Fund, which offers interest-free financing.

Where do solar panels come from in Syria?

However, renewable energy equipment does not enter Syria easily. Four importers we spoke to confirmed that most solar panels and batteries are shipped from China to Syria through Jebel Ali Port in the UAE or, at times, the Port of Aqaba in Jordan.

How to get a solar loan in Syria?

By February 2023, branches of the Syrian Commercial Bank began accepting applications for renewable energy loans. According to the official process, applicants submit a request to the Fund, which determines the financing ceiling based on a technical study of the required solar system.



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Damascus Solar Power System Monitoring Optimizing Renewable Energy

As Damascus embraces solar power system monitoring solutions, the city positions itself at the forefront of Syria's renewable energy transformation. With 127% year-on-year growth in solar ...



Towards Sustainable Energy Independence: Desert Solar PV ...

Jan 11, 2025 · Additionally, vast underutilized desert areas near major cities such as Damascus, Aleppo, Homs, Deir ez-Zur, and Daraa provide an ideal setting for large-scale solar ...



Solar Energy in Syria

Mar 14, 2025 · So, I had no choice but to 'bite the bullet' and install a solar energy system through a government-backed loan - especially since it's interest-free." This is how Mulham Jaafar, a ...

Syria unveils solar power station to tackle energy shortages

Feb 27, 2025 · Syria's ministry of electricity has announced a new 100-megawatt photovoltaic power station to be built to tackle the nation's energy crisis, following over a decade of unrest



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[Solar power systems get popular in Damascus after long power ...](#)

Jul 24, 2022 · Workers install solar panels atop a building in the Damascus, Syria, July 23, 2022. Solar power systems are becoming more popular in Damascus as a result of the long power cuts.

[Syria Boosts Renewable Energy with New 100-Megawatt Solar ...](#)

Mar 27, 2025 · Syria is building a 100-megawatt solar power station near Damascus to boost its renewable capacity. Learn how this project enhances energy security and sustainability.



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[With Sanctions Lifted, Syria Looks to Solar Power as More ...](#)

Jul 7, 2025 · With Sanctions Lifted, Syria Looks to Solar Power as More Than a Patchwork Fix to Its Energy Crisis DAMASCUS, Syria (AP) -- Abdulrazak al-Jenan swept the dust off his solar

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[Syria Fast-Tracks Small Renewables, Greenlights Two New 100-MW Solar](#)

Jul 14, 2025 · Damascus launches a fixed-tariff scheme for 2-10 MW green power and signs a deal with 20Solar Energy to build twin 100-MW solar plants, one with battery storage. Syria ...

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