
Solar panels in Damascus generate electricity

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.

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.

Is putting solar panels on roofs a solution in Syria?

"The solution to the problem isn't putting solar panels on roofs," Syria's interim Energy Minister Mohammad al-Bashir told The Associated Press. "It's securing enough power for the families through our networks in Syria. This is what we're trying to do." Some of the efforts focus on simply repairing infrastructure destroyed in the war.

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.

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.

Damascus, Syria is a pretty good location for generating solar energy year-round. However, the amount of electricity you can generate changes with each season. In simple terms, if you ...

Syria is working to rebuild its energy sector after years of civil war and crippling sanctions. The country has suffered severe electricity ...

An aerial view shows solar panels installed on building rooftops in Damascus, Syria, Monday, June 30, 2025. [Photo: Ghaith Alsayed/AP ...

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can ...

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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Ahmed al-Nasser, a sales manager at a small company established in 2021 in Damascus countryside, which imports solar panels, explains the bureaucratic bottlenecks: ...

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.

An aerial view shows solar panels installed on building rooftops in Damascus, Syria, Monday, June 30, 2025. [Photo: Ghaith Alsayed/AP Photo]

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Syria's abundant solar resources--characterized by long sunny days and vast desert areas--offer a unique opportunity for sustainable energy development. The proposed ...

Solar Panels are More Efficient Than You've Heard Solar photovoltaic cells -- the individual units that form a solar panel, like the shingles on a roof -- are wafer-like devices made of materials ...

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