

# Syria industrial photovoltaic systems

Where does solar energy come from in Syria?

The use of solar energy spreads from northwestern Syria, which started relying on solar power around 2016, passing through areas in the north-east, ending with the areas under the control of the Syrian regime, which directed a clear trend to generate electricity through them, not only in large industrial facilities but even in homes.

Are solar panels a viable alternative energy source in Syria?

As an option that seemed to be one of the best alternative energy sources in Syria, reinforced by the absence of fuel, the spread of solar panels began in most regions, respectively, years ago, amid "government" support and adoption of this trend.

How much does a solar system cost in Syria?

The cost of solar systems for most domestic uses, outside the framework of production projects, ranges between 4 million and 14 million Syrian pounds, according to what Enab Baladi monitored from the websites of companies that install power systems in regime-controlled areas.

Are solar panels a better option than losing electricity in Syria?

According to an opinion poll conducted by Enab Baladi, a number of Syrians residing in various governorates considered that alternative energy through solar panels is a better option than losing electricity despite its high costs and regardless of the controlling parties.

Is Syria a good country for solar energy?

Regarding wind energy, which is the second source of energy, Syria is not considered one of the countries that have a sufficient amount of wind throughout the year to produce electricity, and therefore the solar energy situation is regarded as the best in it.

How much energy does a Syrian house need?

Nabil, 36, a resident of the countryside of Daraa governorate, told Enab Baladi that operating an entire house on solar energy needs at least 12 million Syrian pounds, a budget that is difficult for most families to secure in light of the deteriorating economic conditions.

Northeastern Syria, which is mostly under the control of the Autonomous Administration, is witnessing the spread of solar energy systems, like most Syrian regions, but they seem to be limited in the homes and facilities of families living in a good economic situation, according to what Enab Baladi monitored.

The most important solar PV projects implemented in Syria are [7, 8]: photovoltaic systems for pumping water from 3 wells in the Syrian desert, with a total capacity of about 10 kW; 50 solar panels for street lighting in the city of Latakia, with a total capacity of 5 kW; photovoltaic systems on the roofs of several government

buildings, with a ...

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The Syrian Investment Agency has awarded an investment license to a solar panel manufacturing project in Adra Industrial City. With an estimated cost of over 81 billion Syrian pounds and an annual production capacity of 150,000 panels, the project aims to produce high-quality solar panels at competitive prices.

Enab Baladi surveyed several websites of companies working in installing solar energy generating systems in regime areas and found out that the cost of a solar power system for household use amounts between 3 and 14 million Syrian pounds.

Founded in 2002 in Hama, Syria, KFP has evolved from a small operation with limited resources into a major player in the solar systems manufacturing sector. We offer a wide range of products, including solar water heaters and photovoltaic systems for industrial, agricultural, commercial, and residential applications.

As a result, the proposed grid-connected PV solar plant is considered economically, technically and environmentally feasible in Syria. The 3D model of PV modules layout for proposed solar...

Syria is perfectly located in the sunbelt and there are large areas of desert land to the east of Alep-po that could provide power to the city. Photovoltaic systems work well on sunny days, but may eventually need to be combined with more expensive concentrated solar power arrays with the ability to store energy.

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