

# Syria cost of domestic solar panels

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It cost Hussein US\$ 10,000 to buy the panels and batteries he needed and another US\$ 3,000 for the mobile iron base. A number of solar panels are installed atop the mobile base which tracks the sun and is, therefore, able to maximise the amount of solar power generated, whereas the stationary panels on the ground perform less efficiently.

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.

Community initiatives like Khirais" solar panel tap into Syria"s high potential for solar energy, enabling people to shift away from fossil fuels, which will reduce emissions, provide decentralised energy, reduce air pollution and enable vulnerable communities to deploy cost-effective energy solutions.

The Syrian Ministry of Electricity is currently managing the construction of a 100kW solar power plant in the town of Sargaya, which is scheduled to be completed by the end of 2023. The project is estimated to cost more than SYP 81 billion (equivalent to around GBP 125 billion) and to have an annual production of 150,000 panels.

World Vision Syria Response installed 1,040 solar panels spread over 8,300 M of land with 600 kilowatts-hour used to generate green electricity- the underground tank is placed under the 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.

Locals value the solar panels in Syria despite a high initial investment cost. In interviews with The New York Times, many locals described the panels as "god-sent." After the initial investment, solar panels are a virtually cost-free source of electricity.

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.

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